Astrodienst Ephemeris Tables

from the year 1050 BCE for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

JANUARY 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 0 31	1♉26'24	5♌40	25°R26	22♏11	15♉ 3	0♓26	14♎17	25♍18	20°R47	23°R26	29°R13	28♉ 1	1♉29	n.a.	T 1
W 2	6 4 28	2°27'09	18°59	24♐20	22°41	15°50	0°37	14°20	25°18	20♊45	23♉25	29♉ 8	27°58	1°35	n.a.	W 2
T 3	6 8 24	3°27'53	2♍29	23°20	23°13	16°37	0°48	14°23	25°18	20°44	23°24	29° 3	27°55	1°42	n.a.	T 3
F 4	6 12 21	4°28'36	16°12	22°26	23°47	17°24	0°59	14°26	25°19	20°42	23°23	29° 0	27°52	1°49	n.a.	F 4
S 5	6 16 17	5°29'17	0♎ 5	21°39	24°22	18°12	1° 9	14°29	25°19	20°40	23°23	28°D59	27°48	1°55	n.a.	S 5
S 6	6 20 14	6°29'57	14° 8	21° 0	24°59	18°59	1°20	14°32	25°19	20°39	23°22	28°59	27°45	2° 2	n.a.	S 6
M 7	6 24 10	7°30'36	28°20	20°29	25°36	19°46	1°32	14°34	25°19	20°37	23°21	29° 0	27°42	2° 9	n.a.	M 7
T 8	6 28 7	8°31'14	12♏39	20° 6	26°15	20°33	1°43	14°37	25°19	20°36	23°20	29° 2	27°39	2°15	n.a.	T 8
W 9	6 32 3	9°31'50	27° 3	19°50	26°55	21°20	1°54	14°39	25°R19	20°34	23°19	29°R 2	27°36	2°22	n.a.	W 9
T 10	6 36 0	10°32'25	11♐29	19°43	27°37	22° 7	2° 5	14°42	25°19	20°32	23°18	29° 2	27°32	2°29	n.a.	T 10
F 11	6 39 57	11°32'58	25°51	19°D42	28°19	22°54	2°17	14°44	25°19	20°31	23°18	28°59	27°29	2°35	n.a.	F 11
S 12	6 43 53	12°33'30	10♑ 4	19°49	29° 2	23°41	2°29	14°46	25°19	20°29	23°17	28°54	27°26	2°42	n.a.	S 12
S 13	6 47 50	13°34'00	24° 4	20° 1	29°47	24°28	2°40	14°48	25°19	20°28	23°16	28°48	27°23	2°49	n.a.	S 13
M14	6 51 46	14°34'28	7♒45	20°20	0♐32	25°15	2°52	14°50	25°19	20°26	23°16	28°40	27°20	2°55	n.a.	M14
T 15	6 55 43	15°34'54	21° 5	20°44	1°18	26° 2	3° 4	14°52	25°18	20°25	23°15	28°31	27°17	3° 2	n.a.	T 15
W16	6 59 39	16°35'18	4♓ 2	21°14	2° 5	26°49	3°16	14°54	25°18	20°23	23°14	28°24	27°13	3° 9	n.a.	W16
T 17	7 3 36	17°35'40	16°39	21°48	2°53	27°36	3°28	14°55	25°18	20°22	23°13	28°17	27°10	3°15	n.a.	T 17
F 18	7 7 32	18°35'59	28°57	22°27	3°42	28°22	3°40	14°57	25°17	20°20	23°13	28°13	27° 7	3°22	n.a.	F 18
S 19	7 11 29	19°36'17	11♈ 0	23°10	4°32	29° 9	3°52	14°58	25°17	20°19	23°12	28°11	27° 4	3°29	n.a.	S 19
S 20	7 15 26	20°36'32	22°53	23°56	5°22	29°56	4° 4	15° 0	25°16	20°18	23°12	28°D10	27° 1	3°35	n.a.	S 20
M21	7 19 22	21°36'45	4♉42	24°46	6°13	0♒43	4°17	15° 1	25°16	20°16	23°11	28°11	26°58	3°42	n.a.	M21
T 22	7 23 19	22°36'57	16°31	25°40	7° 5	1°30	4°29	15° 2	25°15	20°15	23°11	28°12	26°54	3°49	n.a.	T 22
W23	7 27 15	23°37'05	28°26	26°36	7°57	2°16	4°42	15° 3	25°14	20°13	23°10	28°R13	26°51	3°55	n.a.	W23
T 24	7 31 12	24°37'12	10♊32	27°35	8°50	3° 3	4°54	15° 4	25°13	20°12	23° 9	28°12	26°48	4° 2	n.a.	T 24
F 25	7 35 8	25°37'17	22°52	28°37	9°44	3°49	5° 7	15° 5	25°13	20°11	23° 9	28° 9	26°45	4° 8	n.a.	F 25
S 26	7 39 5	26°37'19	5♋29	29°41	10°38	4°36	5°20	15° 6	25°12	20° 9	23° 9	28° 3	26°42	4°15	n.a.	S 26
S 27	7 43 1	27°37'20	18°25	0♑47	11°33	5°23	5°32	15° 6	25°11	20° 8	23° 8	27°56	26°38	4°22	n.a.	S 27
M28	7 46 58	28°37'18	1♌39	1°56	12°28	6° 9	5°45	15° 7	25°10	20° 7	23° 8	27°46	26°35	4°28	n.a.	M28
T 29	7 50 55	29°37'14	15°10	3° 7	13°24	6°56	5°58	15° 8	25° 9	20° 6	23° 7	27°35	26°32	4°35	n.a.	T 29
W30	7 54 51	0♒37'08	28°55	4°20	14°20	7°42	6°11	15° 8	25° 8	20° 4	23° 7	27°25	26°29	4°42	n.a.	W30
T 31	7 58 48	1♒37'00	12♍51	5♑34	15♐17	8♒28	6♓24	15♎ 8	25♍ 7	20♊ 3	23♉ 7	27♉15	26♉26	4♉48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s49	23n46	4n46	20 s 2	3n43	13 s33	5n14	24 s 4	1 s 7	12 s45	1 s21	3 s26	2n30	2n34	0n44	22n52	0 s38	14n20	4 s45	20n18	20n 2	10n 1		n.a.
W 2	23 48	20 13	5 7	19 58	3 44	13 42	5 13	23 59	1 7	12 41	1 21	3 27	2 30	2 34	0 44	22 52	0 38	14 19	4 45	20 17	20 1	10 4		n.a.
T 3	23 46	15 34	5 11	19 56	3 44	13 51	5 12	23 53	1 7	12 37	1 21	3 28	2 30	2 34	0 44	22 52	0 38	14 19	4 45	20 16	20 1	10 7		n.a.
F 4	23 45	10 5	4 58	19 56	3 41	14 1	5 10	23 47	1 7	12 33	1 21	3 29	2 30	2 34	0 44	22 52	0 38	14 19	4 45	20 15	20 0	10 10		n.a.
S 5	23 42	4 3	4 27	19 57	3 36	14 11	5 9	23 40	1 7	12 29	1 21	3 30	2 30	2 33	0 44	22 52	0 38	14 19	4 45	20 15	19 59	10 13		n.a.
S 6	23 40	2 s17	3 40	20 1	3 30	14 21	5 7	23 34	1 7	12 25	1 20	3 30	2 31	2 33	0 44	22 52	0 38	14 19	4 45	20 15	19 58	10 16		n.a.
M 7	23 36	8 34	2 39	20 6	3 23	14 32	5 5	23 27	1 7	12 21	1 20	3 31	2 31	2 33	0 44	22 51	0 38	14 19	4 45	20 15	19 58	10 19		n.a.
T 8	23 33	14 29	1 28	20 13	3 15	14 43	5 3	23 19	1 7	12 17	1 20	3 32	2 31	2 33	0 44	22 51	0 38	14 19	4 44	20 16	19 57	10 22		n.a.
W 9	23 28	19 38	0 11	20 21	3 5	14 55	5 0	23 12	1 7	12 12	1 20	3 33	2 31	2 33	0 44	22 51	0 38	14 19	4 44	20 16	19 56	10 26		n.a.
T 10	23 24	23 38	1 s 7	20 30	2 55	15 7	4 57	23 4	1 7	12 8	1 20	3 33	2 32	2 33	0 44	22 51	0 38	14 19	4 44	20 16	19 56	10 29		n.a.
F 11	23 19	26 5	2 20	20 41	2 45	15 19	4 55	22 56	1 7	12 4	1 19	3 34	2 32	2 34	0 44	22 51	0 38	14 19	4 44	20 15	19 55	10 32		n.a.
S 12	23 13	26 49	3 24	20 52	2 34	15 31	4 52	22 48	1 7	11 59	1 19	3 35	2 32	2 34	0 44	22 51	0 38	14 19	4 44	20 14	19 54	10 35		n.a.
S 13	23 7	25 48	4 14	21 4	2 22	15 44	4 48	22 39	1 6	11 55	1 19	3 35	2 32	2 34	0 44	22 51	0 38	14 19	4 44	20 13	19 53	10 38		n.a.
M14	23 1	23 15	4 48	21 17	2 11	15 56	4 45	22 31	1 6	11 50	1 19	3 36	2 33	2 34	0 44	22 51	0 37	14 19	4 44	20 11	19 53	10 41		n.a.
T 15	22 54	19 30	5 5	21 30	1 59	16 9	4 42	22 22	1 6	11 46	1 19	3 36	2 33	2 34	0 44	22 51	0 37	14 19	4 43	20 9	19 52	10 44		n.a.
W16	22 46	14 55	5 6	21 44	1 48	16 22	4 38	22 13	1 6	11 41	1 19	3 37	2 33	2 34	0 44	22 51	0 37	14 19	4 43	20 7	19 51	10 47		n.a.
T 17	22 39	9 50	4 52	21 58	1 36	16 35	4 34	22 3	1 6	11 37	1 18	3 37	2 33	2 34	0 44	22 51	0 37	14 19	4 43	20 6	19 50	10 50		n.a.
F 18	22 30	4 28	4 25	22 11	1 25	16 48	4 30	21 53	1 6	11 32	1 18	3 38	2 33	2 35	0 44	22 50	0 37	14 19	4 43	20 5	19 50	10 53		n.a.
S 19	22 22	0n57	3 46	22 25	1 14	17 1	4 26	21 43	1 6	11 27	1 18	3 38	2 34	2 35	0 44	22 50	0 37	14 19	4 43	20 4	19 49	10 56		n.a.
S 20	22 13	6 17	2 58	22 38	1 2	17 14	4 22	21 33	1 5	11 23	1 18	3 38	2 34	2 35	0 44	22 50	0 37	14 19	4 43	20 4	19 48	10 59		n.a.
M21	22 3	11 22	2 3	22 52	0 51	17 27	4 18	21 23	1 5	11 18	1 18	3 39	2 34	2 35	0 44	22 50	0 37	14 19	4 43	20 4	19 47	11 2		n.a.
T 22	21 53	16 3	1 3	23 4	0 41	17 40	4 14	21 12	1 5	11 13	1 18	3 39	2 34	2 36	0 44	22 50	0 37	14 19	4 42	20 5	19 47	11 5		n.a.
W23	21 43	20 9	0n 1	23 16	0 30	17 53	4 10	21 1	1 5	11 8	1 17	3 39	2 35	2 36	0 44	22 50	0 37	14 19	4 42	20 5	19 46	11 8		n.a.
T 24	21 32	23 28	1 6	23 28	0 20	18 5	4 5	20 50	1 5	11 3	1 17	3 39	2 35	2 36	0 44	22 50	0 37	14 19	4 42	20 5	19 45	11 11		n.a.
F 25	21 21	25 46	2 8	23 39	0 10	18 18	4 1	20 39	1 5	10 59	1 17	3 39	2 35	2 37	0 44	22 50	0 37	14 19	4 42	20 4	19 44	11 14		n.a.
S 26	21 10	26 48	3 6	23 49	0 0	18 30	3 56	20 28	1 4	10 54	1 17	3 39	2 35	2 37	0 45	22 50	0 37	14 19	4 42	20 3	19 44	11 17		n.a.
S 27	20 58	26 25	3 55	23 58	0 s 9	18 42	3 51	20 16	1 4	10 49	1 17	3 39	2 36	2 37	0 45	22 50	0 37	14 19	4 42	20 1	19 43	11 20		n.a.
M28	20 46	24 32	4 33	24 7	0 18	18 54	3 47	20 4	1 4	10 44	1 17	3 39	2 36	2 38	0 45	22 50	0 37	14 19	4 41	19 59	19 42	11 23		n.a.
T 29	20 33	21 15	4 56	24 14	0 27	19 6	3 42	19 52	1 4	10 39	1 17	3 39	2 36	2 38	0 45	22 50	0 37	14 19	4 41	19 56	19 41	11 26		n.a.
W30	20 20	16 45	5 3	24 21	0 36	19 18	3 37	19 40	1 4	10 34	1 16	3 39	2 36	2 39	0 45	22 50	0 37	14 19	4 41	19 54	19 41	11 29		n.a.
T 31	20 s 7	11n20	4n52	24 s26	0 s44	19 s29	3n32	19 s27	1 s 3	10 s29	1 s16	3 s39	2n37	2n39	0n45	22n50	0 s37	14n19	4 s41	19n52	19n40	11n33		n.a.

Julian Day Number = 1337910.5, Delta T = 07h18m24s
Ecliptic obliquity = 23°49'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°34'14, Lahiri = -18°27'14 Julian Calendar 1 Jan. 1050 BCE == Greg. Calendar 22 Dec. 1051 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

FEBRUARY 1050 BCE (-1049) JC — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s53	5n17	4n24	24s30	0s52	19s40	3n27	19s14	1s 3	10s24	1s16	3s39	2n37	2n40	0n45	22n49	0s37	14n19	4s41	19n50	19n39	11n36		n.a.
S 2	19 39	1s 3	3 39	24 33	0 59	19 51	3 22	19 2	1 3	10 19	1 16	3 39	2 37	2 40	0 45	22 49	0 37	14 19	4 41	19 49	19 38	11 39		n.a.
S 3	19 25	7 22	2 41	24 35	1 7	20 1	3 17	18 48	1 3	10 14	1 16	3 38	2 37	2 41	0 45	22 49	0 37	14 19	4 41	19 48	19 38	11 42		n.a.
M 4	19 10	13 19	1 33	24 35	1 13	20 11	3 12	18 35	1 2	10 9	1 16	3 38	2 38	2 41	0 45	22 49	0 37	14 19	4 40	19 48	19 37	11 45		n.a.
T 5	18 55	18 34	0 20	24 35	1 20	20 21	3 7	18 22	1 2	10 4	1 16	3 38	2 38	2 42	0 45	22 49	0 37	14 19	4 40	19 48	19 36	11 48		n.a.
W 6	18 40	22 47	0s55	24 32	1 26	20 30	3 2	18 8	1 2	9 58	1 16	3 38	2 38	2 43	0 45	22 49	0 37	14 19	4 40	19 48	19 35	11 51		n.a.
T 7	18 24	25 37	2 5	24 29	1 32	20 39	2 56	17 55	1 2	9 53	1 15	3 37	2 38	2 43	0 45	22 49	0 37	14 19	4 40	19 48	19 35	11 54		n.a.
F 8	18 8	26 51	3 8	24 24	1 37	20 47	2 51	17 41	1 1	9 48	1 15	3 37	2 39	2 44	0 45	22 49	0 37	14 20	4 40	19 47	19 34	11 57		n.a.
S 9	17 52	26 23	3 59	24 17	1 42	20 56	2 46	17 27	1 1	9 43	1 15	3 36	2 39	2 44	0 45	22 49	0 37	14 20	4 40	19 45	19 33	12 0		n.a.
S 10	17 35	24 20	4 35	24 9	1 47	21 3	2 41	17 12	1 1	9 37	1 15	3 36	2 39	2 45	0 45	22 49	0 37	14 20	4 39	19 42	19 32	12 3		n.a.
M11	17 18	20 59	4 56	23 59	1 51	21 10	2 36	16 58	1 0	9 32	1 15	3 35	2 39	2 46	0 45	22 49	0 37	14 20	4 39	19 40	19 32	12 6		n.a.
T 12	17 1	16 38	5 0	23 48	1 55	21 17	2 30	16 43	1 0	9 27	1 15	3 35	2 39	2 46	0 45	22 49	0 37	14 20	4 39	19 36	19 31	12 9		n.a.
W13	16 44	11 37	4 49	23 35	1 58	21 24	2 25	16 29	1 0	9 22	1 15	3 34	2 40	2 47	0 45	22 49	0 37	14 20	4 39	19 33	19 30	12 12		n.a.
T 14	16 26	6 15	4 25	23 20	2 1	21 29	2 20	16 14	1 0	9 16	1 15	3 33	2 40	2 48	0 45	22 49	0 37	14 20	4 39	19 31	19 29	12 15		n.a.
F 15	16 8	0 45	3 48	23 4	2 4	21 35	2 15	15 59	0 59	9 11	1 15	3 33	2 40	2 49	0 45	22 49	0 37	14 21	4 39	19 29	19 29	12 18		n.a.
S 16	15 50	4n42	3 1	22 46	2 6	21 39	2 9	15 44	0 59	9 5	1 15	3 32	2 40	2 49	0 45	22 49	0 37	14 21	4 38	19 28	19 28	12 21		n.a.
S 17	15 31	9 55	2 7	22 26	2 8	21 44	2 4	15 29	0 59	9 0	1 14	3 31	2 41	2 50	0 45	22 49	0 37	14 21	4 38	19 27	19 27	12 24		n.a.
M18	15 13	14 45	1 8	22 4	2 9	21 48	1 59	15 13	0 58	8 55	1 14	3 30	2 41	2 51	0 45	22 49	0 37	14 21	4 38	19 27	19 26	12 27		n.a.
T 19	14 54	19 3	0 6	21 41	2 10	21 51	1 54	14 58	0 58	8 49	1 14	3 30	2 41	2 52	0 45	22 49	0 37	14 21	4 38	19 27	19 25	12 30		n.a.
W20	14 35	22 37	0n57	21 15	2 10	21 54	1 49	14 42	0 58	8 44	1 14	3 29	2 41	2 53	0 45	22 49	0 37	14 21	4 38	19 27	19 25	12 33		n.a.
T 21	14 15	25 16	1 58	20 48	2 10	21 56	1 43	14 26	0 57	8 38	1 14	3 28	2 41	2 53	0 45	22 49	0 36	14 22	4 38	19 26	19 24	12 36		n.a.
F 22	13 55	26 44	2 55	20 19	2 9	21 57	1 38	14 10	0 57	8 33	1 14	3 27	2 42	2 54	0 45	22 49	0 36	14 22	4 37	19 25	19 23	12 39		n.a.
S 23	13 36	26 51	3 45	19 49	2 8	21 59	1 33	13 54	0 57	8 27	1 14	3 26	2 42	2 55	0 45	22 49	0 36	14 22	4 37	19 24	19 22	12 42		n.a.
S 24	13 16	25 29	4 24	19 16	2 7	21 59	1 28	13 38	0 56	8 22	1 14	3 25	2 42	2 56	0 45	22 49	0 36	14 22	4 37	19 22	19 22	12 45		n.a.
M25	12 55	22 38	4 50	18 41	2 4	21 59	1 23	13 22	0 56	8 16	1 14	3 24	2 42	2 57	0 45	22 49	0 36	14 22	4 37	19 19	19 21	12 48		n.a.
T 26	12 35	18 26	5 0	18 5	2 2	21 58	1 18	13 6	0 56	8 11	1 14	3 23	2 42	2 58	0 45	22 49	0 36	14 23	4 37	19 16	19 20	12 51		n.a.
W27	12 14	13 8	4 52	17 27	1 59	21 57	1 13	12 50	0 55	8 5	1 14	3 22	2 43	2 59	0 45	22 49	0 36	14 23	4 37	19 13	19 19	12 54		n.a.
T 28	11s54	7n 3	4n25	16s46	1s55	21s55	1n 8	12s33	0s55	8s 0	1s14	3s21	2n43	2n59	0n45	22n49	0s36	14n23	4s36	19n10	19n18	12n57		n.a.

Julian Day Number = 1337941.5, Delta T = 07h18m22s
Ecliptic obliquity = 23°49'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°34'10, Lahiri = -18°27'10 Julian Calendar 1 Feb. 1050 BCE == Greg. Calendar 22 Jan. 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

MARCH 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 53 8	0♓18'11	7♎ 1	22♒11	15♉18	0♓37	13♓ 1	14°R33	24°R16	19°R41	23♉ 6	24°R16	24♉54	8♉ 1	n.a.	F 1
S 2	9 57 4	1°16'58	21°30	24° 8	16°23	1°22	13°16	14♎31	24♍14	19♊40	23° 6	24♉10	24°50	8° 8	n.a.	S 2
S 3	10 1 1	2°15'44	5♏53	26° 7	17°29	2° 8	13°30	14°28	24°11	19°40	23° 7	24° 7	24°47	8°15	n.a.	S 3
M 4	10 4 57	3°14'27	20° 8	28° 7	18°35	2°53	13°44	14°26	24° 9	19°40	23° 7	24°D 6	24°44	8°21	n.a.	M 4
T 5	10 8 54	4°13'09	4♐14	0♓ 8	19°41	3°38	13°58	14°23	24° 7	19°40	23° 8	24°R 6	24°41	8°28	n.a.	T 5
W 6	10 12 50	5°11'50	18° 8	2°10	20°48	4°23	14°12	14°20	24° 4	19°40	23° 8	24° 6	24°38	8°35	n.a.	W 6
T 7	10 16 47	6°10'28	1♑53	4°14	21°54	5° 7	14°27	14°17	24° 2	19°39	23° 8	24° 4	24°35	8°41	n.a.	T 7
F 8	10 20 43	7° 9'05	15°27	6°18	23° 1	5°52	14°41	14°14	24° 0	19°39	23° 9	23°59	24°31	8°48	n.a.	F 8
S 9	10 24 40	8° 7'40	28°50	8°24	24° 8	6°37	14°55	14°11	23°57	19°39	23° 9	23°52	24°28	8°55	n.a.	S 9
S 10	10 28 37	9° 6'13	12♒ 2	10°30	25°15	7°22	15°10	14° 8	23°55	19°39	23°10	23°42	24°25	9° 1	n.a.	S 10
M11	10 32 33	10° 4'44	25° 3	12°36	26°22	8° 7	15°24	14° 4	23°52	19°D39	23°10	23°30	24°22	9° 8	n.a.	M11
T 12	10 36 30	11° 3'13	7♓50	14°43	27°29	8°51	15°38	14° 1	23°50	19°39	23°11	23°17	24°19	9°15	n.a.	T 12
W13	10 40 26	12° 1'40	20°24	16°50	28°36	9°36	15°52	13°58	23°47	19°39	23°12	23° 5	24°16	9°21	n.a.	W13
T 14	10 44 23	13° 0'05	2♈45	18°57	29°44	10°20	16° 7	13°54	23°45	19°39	23°12	22°55	24°12	9°28	n.a.	T 14
F 15	10 48 19	13°58'28	14°53	21° 4	0♒51	11° 5	16°21	13°51	23°42	19°39	23°13	22°46	24° 9	9°35	n.a.	F 15
S 16	10 52 16	14°56'49	26°52	23°10	1°59	11°49	16°35	13°47	23°40	19°39	23°13	22°41	24° 6	9°41	n.a.	S 16
S 17	10 56 12	15°55'08	8♉42	25°14	3° 6	12°34	16°50	13°44	23°37	19°40	23°14	22°38	24° 3	9°48	n.a.	S 17
M18	11 0 9	16°53'24	20°29	27°17	4°14	13°18	17° 4	13°40	23°35	19°40	23°15	22°D37	24° 0	9°54	n.a.	M18
T 19	11 4 5	17°51'39	2♊18	29°19	5°22	14° 2	17°18	13°36	23°32	19°40	23°15	22°37	23°56	10° 1	n.a.	T 19
W20	11 8 2	18°49'51	14°12	1♈18	6°30	14°47	17°33	13°32	23°30	19°40	23°16	22°R37	23°53	10° 8	n.a.	W20
T 21	11 11 59	19°48'01	26°19	3°16	7°38	15°31	17°47	13°29	23°27	19°41	23°17	22°37	23°50	10°14	n.a.	T 21
F 22	11 15 55	20°46'09	8♋42	5°10	8°47	16°15	18° 1	13°25	23°25	19°41	23°18	22°36	23°47	10°21	n.a.	F 22
S 23	11 19 52	21°44'15	21°27	7° 2	9°55	16°59	18°15	13°21	23°22	19°41	23°19	22°32	23°44	10°28	n.a.	S 23
S 24	11 23 48	22°42'19	4♌37	8°50	11° 3	17°43	18°30	13°17	23°20	19°42	23°19	22°26	23°41	10°34	n.a.	S 24
M25	11 27 45	23°40'21	18°14	10°36	12°12	18°27	18°44	13°13	23°17	19°42	23°20	22°18	23°37	10°41	n.a.	M25
T 26	11 31 41	24°38'21	2♍17	12°18	13°21	19°11	18°58	13° 9	23°14	19°43	23°21	22° 9	23°34	10°48	n.a.	T 26
W27	11 35 38	25°36'19	16°43	13°56	14°29	19°55	19°13	13° 5	23°12	19°43	23°22	22° 0	23°31	10°54	n.a.	W27
T 28	11 39 34	26°34'15	1♎26	15°31	15°38	20°39	19°27	13° 1	23° 9	19°44	23°23	21°52	23°28	11° 1	n.a.	T 28
F 29	11 43 31	27°32'09	16°18	17° 2	16°47	21°23	19°41	12°56	23° 7	19°44	23°24	21°46	23°25	11° 8	n.a.	F 29
S 30	11 47 27	28°30'02	1♏10	18°29	17°56	22° 6	19°55	12°52	23° 4	19°45	23°25	21°42	23°21	11°14	n.a.	S 30
S 31	11 51 24	29♓27'54	15♏56	19♈51	19♒ 5	22♓50	20♓ 9	12♎48	23♍ 2	19♊46	23♉25	21°D41	23♉18	11♉21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s33	0n33	3n41	16s 4	1s50	21s53	1n 3	12s16	0s54	7s54	1s14	3s20	2n43	3n 0	0n45	22n49	0s36	14n23	4s36	19n 8	19n18	12n59		n.a.
S 2	11 11	6s 0	2 43	15 21	1 46	21 50	0 58	12 0	0 54	7 49	1 14	3 18	2 43	3 1	0 45	22 49	0 36	14 24	4 36	19 7	19 17	13 2		n.a.
S 3	10 50	12 12	1 35	14 35	1 40	21 47	0 53	11 43	0 54	7 43	1 13	3 17	2 43	3 2	0 45	22 49	0 36	14 24	4 36	19 6	19 16	13 5		n.a.
M 4	10 29	17 43	0 21	13 47	1 34	21 42	0 49	11 26	0 53	7 37	1 13	3 16	2 44	3 3	0 45	22 49	0 36	14 24	4 36	19 6	19 15	13 8		n.a.
T 5	10 7	22 12	0s53	12 58	1 28	21 38	0 44	11 9	0 53	7 32	1 13	3 15	2 44	3 4	0 45	22 49	0 36	14 24	4 36	19 6	19 15	13 11		n.a.
W 6	9 45	25 20	2 4	12 7	1 21	21 32	0 39	10 52	0 52	7 26	1 13	3 14	2 44	3 5	0 45	22 49	0 36	14 25	4 36	19 6	19 14	13 14		n.a.
T 7	9 23	26 54	3 6	11 15	1 13	21 27	0 34	10 35	0 52	7 20	1 13	3 12	2 44	3 6	0 45	22 49	0 36	14 25	4 35	19 5	19 13	13 17		n.a.
F 8	9 1	26 49	3 56	10 21	1 5	21 20	0 30	10 18	0 52	7 15	1 13	3 11	2 44	3 7	0 45	22 49	0 36	14 25	4 35	19 4	19 12	13 20		n.a.
S 9	8 39	25 11	4 33	9 25	0 56	21 13	0 25	10 1	0 51	7 9	1 13	3 10	2 44	3 8	0 45	22 49	0 36	14 25	4 35	19 2	19 11	13 23		n.a.
S 10	8 17	22 10	4 55	8 28	0 47	21 5	0 21	9 44	0 51	7 4	1 13	3 8	2 45	3 9	0 45	22 49	0 36	14 26	4 35	19 0	19 11	13 26		n.a.
M11	7 55	18 6	5 1	7 31	0 37	20 57	0 16	9 26	0 50	6 58	1 13	3 7	2 45	3 10	0 45	22 49	0 36	14 26	4 35	18 57	19 10	13 29		n.a.
T 12	7 32	13 16	4 52	6 32	0 28	20 48	0 12	9 9	0 50	6 52	1 13	3 5	2 45	3 11	0 45	22 49	0 36	14 26	4 35	18 54	19 9	13 32		n.a.
W13	7 10	7 58	4 28	5 32	0 17	20 39	0 8	8 51	0 49	6 47	1 13	3 4	2 45	3 12	0 45	22 49	0 36	14 27	4 34	18 50	19 8	13 35		n.a.
T 14	6 47	2 26	3 52	4 32	0 7	20 29	0 3	8 34	0 49	6 41	1 13	3 2	2 45	3 13	0 45	22 49	0 36	14 27	4 34	18 48	19 7	13 38		n.a.
F 15	6 24	3n 6	3 6	3 32	0n 4	20 18	0s 1	8 16	0 49	6 35	1 13	3 1	2 45	3 14	0 45	22 49	0 36	14 27	4 34	18 46	19 7	13 41		n.a.
S 16	6 1	8 27	2 13	2 31	0 15	20 7	0 5	7 59	0 48	6 30	1 13	2 59	2 45	3 15	0 45	22 49	0 36	14 27	4 34	18 44	19 6	13 44		n.a.
S 17	5 38	13 28	1 13	1 31	0 26	19 55	0 9	7 41	0 48	6 24	1 13	2 58	2 45	3 16	0 45	22 49	0 36	14 28	4 34	18 43	19 5	13 47		n.a.
M18	5 15	17 59	0 11	0 31	0 38	19 43	0 13	7 23	0 47	6 18	1 13	2 56	2 46	3 17	0 45	22 49	0 36	14 28	4 34	18 43	19 4	13 50		n.a.
T 19	4 52	21 48	0n52	0n28	0 49	19 30	0 17	7 6	0 47	6 13	1 13	2 55	2 46	3 18	0 45	22 49	0 36	14 28	4 33	18 43	19 3	13 53		n.a.
W20	4 29	24 44	1 53	1 26	1 0	19 17	0 21	6 48	0 46	6 7	1 13	2 53	2 46	3 19	0 45	22 49	0 36	14 29	4 33	18 43	19 3	13 56		n.a.
T 21	4 6	26 36	2 50	2 23	1 10	19 3	0 25	6 30	0 46	6 1	1 13	2 52	2 46	3 20	0 45	22 49	0 36	14 29	4 33	18 43	19 2	13 58		n.a.
F 22	3 43	27 12	3 41	3 19	1 21	18 48	0 28	6 12	0 45	5 55	1 13	2 50	2 46	3 21	0 45	22 49	0 36	14 29	4 33	18 43	19 1	14 1		n.a.
S 23	3 20	26 23	4 22	4 13	1 31	18 33	0 32	5 54	0 45	5 50	1 13	2 48	2 46	3 22	0 45	22 49	0 36	14 30	4 33	18 42	19 0	14 4		n.a.
S 24	2 56	24 7	4 51	5 6	1 41	18 18	0 35	5 36	0 44	5 44	1 13	2 47	2 46	3 23	0 45	22 50	0 35	14 30	4 33	18 40	18 59	14 7		n.a.
M25	2 33	20 25	5 4	5 57	1 50	18 2	0 39	5 19	0 44	5 38	1 13	2 45	2 46	3 24	0 45	22 50	0 35	14 30	4 33	18 38	18 59	14 10		n.a.
T 26	2 10	15 29	5 0	6 45	1 59	17 45	0 42	5 1	0 43	5 33	1 13	2 43	2 46	3 25	0 45	22 50	0 35	14 31	4 32	18 36	18 58	14 13		n.a.
W27	1 46	9 34	4 38	7 32	2 7	17 28	0 46	4 43	0 43	5 27	1 13	2 42	2 46	3 26	0 45	22 50	0 35	14 31	4 32	18 34	18 57	14 16		n.a.
T 28	1 23	3 1	3 56	8 16	2 14	17 11	0 49	4 25	0 42	5 21	1 13	2 40	2 47	3 27	0 45	22 50	0 35	14 31	4 32	18 31	18 56	14 19		n.a.
F 29	1 0	3s46	2 58	8 58	2 21	16 53	0 52	4 7	0 42	5 16	1 13	2 38	2 47	3 28	0 45	22 50	0 35	14 32	4 32	18 30	18 55	14 22		n.a.
S 30	0 36	10 23	1 48	9 37	2 27	16 35	0 55	3 49	0 41	5 10	1 13	2 37	2 47	3 29	0 45	22 50	0 35	14 32	4 32	18 29	18 55	14 25		n.a.
S 31	0s13	16s23	0n31	10n14	2n33	16s16	0s58	3s31	0s41	5s 4	1s13	2s35	2n47	3n30	0n45	22n50	0s35	14n33	4s32	18n28	18n54	14n28		n.a.

Julian Day Number = 1337969.5, Delta T = 07h18m21s
Ecliptic obliquity = 23°49'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°34'06, Lahiri = -18°27'06 Julian Calendar 1 March 1050 BCE == Greg. Calendar 19 Feb. 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

APRIL 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 55 21	0♈25'44	0♐29	21♈10	20♒14	23♓34	20♓24	12°R44	22°R59	19♊46	23♉26	21♉41	23♉15	11♉28	n.a.	M 1
T 2	11 59 17	1°23'32	14°45	22°25	21°23	24°17	20°38	12♎39	22♍57	19°47	23°27	21°42	23°12	11°34	n.a.	T 2
W 3	12 3 14	2°21'20	28°44	23°35	22°32	25° 1	20°52	12°35	22°54	19°48	23°28	21°R42	23° 9	11°41	n.a.	W 3
T 4	12 7 10	3°19'06	12♑25	24°41	23°42	25°44	21° 6	12°31	22°52	19°49	23°29	21°42	23° 6	11°47	n.a.	T 4
F 5	12 11 7	4°16'51	25°49	25°43	24°51	26°28	21°20	12°26	22°49	19°49	23°30	21°40	23° 2	11°54	n.a.	F 5
S 6	12 15 3	5°14'34	8♒57	26°41	26° 1	27°11	21°34	12°22	22°47	19°50	23°31	21°36	22°59	12° 1	n.a.	S 6
S 7	12 19 0	6°12'17	21°51	27°34	27°10	27°54	21°48	12°18	22°44	19°51	23°32	21°30	22°56	12° 7	n.a.	S 7
M 8	12 22 56	7° 9'58	4♓32	28°22	28°20	28°37	22° 2	12°13	22°42	19°52	23°34	21°23	22°53	12°14	n.a.	M 8
T 9	12 26 53	8° 7'37	17° 1	29° 6	29°30	29°21	22°16	12° 9	22°39	19°53	23°35	21°15	22°50	12°21	n.a.	T 9
W10	12 30 50	9° 5'16	29°19	29°45	0♓39	0♈ 4	22°30	12° 4	22°37	19°54	23°36	21° 7	22°47	12°27	n.a.	W10
T 11	12 34 46	10° 2'52	11♈27	0♉20	1°49	0°47	22°44	12° 0	22°35	19°55	23°37	21° 1	22°43	12°34	n.a.	T 11
F 12	12 38 43	11° 0'28	23°26	0°49	2°59	1°30	22°58	11°56	22°32	19°56	23°38	20°56	22°40	12°41	n.a.	F 12
S 13	12 42 39	11°58'02	5♉18	1°14	4° 9	2°13	23°12	11°51	22°30	19°57	23°39	20°53	22°37	12°47	n.a.	S 13
S 14	12 46 36	12°55'35	17° 6	1°34	5°19	2°56	23°26	11°47	22°27	19°58	23°40	20°D51	22°34	12°54	n.a.	S 14
M15	12 50 32	13°53'06	28°52	1°50	6°29	3°39	23°40	11°42	22°25	19°59	23°41	20°52	22°31	13° 1	n.a.	M15
T 16	12 54 29	14°50'36	10♊41	2° 0	7°39	4°22	23°54	11°38	22°23	20° 0	23°43	20°53	22°27	13° 7	n.a.	T 16
W17	12 58 25	15°48'05	22°36	2° 6	8°49	5° 4	24° 7	11°33	22°21	20° 1	23°44	20°54	22°24	13°14	n.a.	W17
T 18	13 2 22	16°45'32	4♋42	2°R 7	9°59	5°47	24°21	11°29	22°18	20° 2	23°45	20°56	22°21	13°21	n.a.	T 18
F 19	13 6 19	17°42'57	17° 4	2° 3	11°10	6°30	24°35	11°25	22°16	20° 4	23°46	20°R57	22°18	13°27	n.a.	F 19
S 20	13 10 15	18°40'22	29°46	1°55	12°20	7°12	24°48	11°20	22°14	20° 5	23°48	20°56	22°15	13°34	n.a.	S 20
S 21	13 14 12	19°37'44	12♌53	1°43	13°30	7°55	25° 2	11°16	22°12	20° 6	23°49	20°54	22°12	13°40	n.a.	S 21
M22	13 18 8	20°35'06	26°27	1°26	14°41	8°37	25°16	11°11	22°10	20° 7	23°50	20°51	22° 8	13°47	n.a.	M22
T 23	13 22 5	21°32'26	10♍29	1° 6	15°51	9°20	25°29	11° 7	22° 7	20° 9	23°51	20°47	22° 5	13°54	n.a.	T 23
W24	13 26 1	22°29'45	24°58	0°43	17° 2	10° 2	25°43	11° 3	22° 5	20°10	23°53	20°43	22° 2	14° 0	n.a.	W24
T 25	13 29 58	23°27'02	9♎47	0°16	18°12	10°45	25°56	10°58	22° 3	20°11	23°54	20°39	21°59	14° 7	n.a.	T 25
F 26	13 33 54	24°24'19	24°51	29♈47	19°23	11°27	26° 9	10°54	22° 1	20°13	23°55	20°37	21°56	14°14	n.a.	F 26
S 27	13 37 51	25°21'34	9♏59	29°17	20°33	12° 9	26°23	10°50	21°59	20°14	23°57	20°35	21°52	14°20	n.a.	S 27
S 28	13 41 48	26°18'49	25° 4	28°44	21°44	12°51	26°36	10°46	21°57	20°16	23°58	20°D35	21°49	14°27	n.a.	S 28
M29	13 45 44	27°16'04	9♐55	28°11	22°55	13°33	26°49	10°42	21°55	20°17	23°59	20°36	21°46	14°34	n.a.	M29
T 30	13 49 41	28♈13'17	24♐29	27♈37	24♓ 6	14♈16	27♓ 2	10♎37	21♍54	20♊19	24♉ 1	20♉37	21♉43	14♉40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n10	21s21	0s47	10n48	2n37	15s56	1s 1	3s13	0s40	4s59	1s13	2s33	2n47	3n31	0n45	22n50	0s35	14n33	4s32	18n28	18n53	14n31		n.a.
T 2	0 34	24 56	2 1	11 20	2 41	15 36	1 4	2 55	0 40	4 53	1 13	2 31	2 47	3 32	0 45	22 50	0 35	14 33	4 31	18 29	18 52	14 33		n.a.
W 3	0 57	26 55	3 6	11 50	2 44	15 16	1 7	2 37	0 39	4 47	1 13	2 30	2 47	3 33	0 45	22 50	0 35	14 34	4 31	18 29	18 51	14 36		n.a.
T 4	1 20	27 12	3 59	12 16	2 45	14 56	1 9	2 19	0 39	4 42	1 13	2 28	2 47	3 34	0 45	22 50	0 35	14 34	4 31	18 29	18 51	14 39		n.a.
F 5	1 44	25 52	4 38	12 40	2 46	14 34	1 12	2 1	0 38	4 36	1 13	2 26	2 47	3 35	0 45	22 50	0 35	14 34	4 31	18 28	18 50	14 42		n.a.
S 6	2 7	23 8	5 1	13 2	2 46	14 13	1 15	1 43	0 38	4 31	1 13	2 24	2 47	3 36	0 45	22 51	0 35	14 35	4 31	18 27	18 49	14 45		n.a.
S 7	2 30	19 18	5 8	13 20	2 46	13 51	1 17	1 25	0 37	4 25	1 13	2 23	2 47	3 37	0 45	22 51	0 35	14 35	4 31	18 26	18 48	14 48		n.a.
M 8	2 53	14 39	5 0	13 36	2 44	13 29	1 19	1 7	0 37	4 19	1 13	2 21	2 47	3 38	0 45	22 51	0 35	14 36	4 31	18 24	18 47	14 51		n.a.
T 9	3 16	9 28	4 38	13 50	2 41	13 6	1 22	0 49	0 36	4 14	1 13	2 19	2 47	3 39	0 45	22 51	0 35	14 36	4 31	18 22	18 46	14 54		n.a.
W10	3 39	3 59	4 3	14 0	2 37	12 43	1 24	0 31	0 36	4 8	1 13	2 17	2 47	3 40	0 45	22 51	0 35	14 36	4 30	18 20	18 46	14 57		n.a.
T 11	4 2	1n34	3 18	14 8	2 32	12 20	1 26	0 13	0 35	4 3	1 13	2 16	2 47	3 41	0 45	22 51	0 35	14 37	4 30	18 18	18 45	14 59		n.a.
F 12	4 25	7 1	2 24	14 13	2 26	11 56	1 28	0n 5	0 35	3 57	1 13	2 14	2 47	3 42	0 45	22 51	0 35	14 37	4 30	18 16	18 44	15 2		n.a.
S 13	4 48	12 11	1 24	14 15	2 19	11 32	1 30	0 22	0 34	3 51	1 13	2 12	2 47	3 43	0 45	22 51	0 35	14 38	4 30	18 16	18 43	15 5		n.a.
S 14	5 11	16 53	0 20	14 15	2 11	11 8	1 31	0 40	0 34	3 46	1 13	2 10	2 47	3 44	0 45	22 51	0 35	14 38	4 30	18 15	18 42	15 8		n.a.
M15	5 34	20 56	0n44	14 12	2 2	10 43	1 33	0 58	0 33	3 40	1 13	2 9	2 47	3 45	0 45	22 52	0 35	14 38	4 30	18 15	18 42	15 11		n.a.
T 16	5 56	24 9	1 46	14 6	1 52	10 18	1 35	1 16	0 33	3 35	1 13	2 7	2 47	3 46	0 45	22 52	0 35	14 39	4 30	18 16	18 41	15 14		n.a.
W17	6 19	26 21	2 45	13 58	1 41	9 53	1 36	1 33	0 32	3 29	1 13	2 5	2 47	3 46	0 45	22 52	0 35	14 39	4 30	18 16	18 40	15 17		n.a.
T 18	6 41	27 21	3 37	13 47	1 29	9 27	1 38	1 51	0 31	3 24	1 13	2 4	2 47	3 47	0 45	22 52	0 35	14 40	4 29	18 17	18 39	15 19		n.a.
F 19	7 4	27 1	4 20	13 34	1 16	9 1	1 39	2 9	0 31	3 18	1 13	2 2	2 47	3 48	0 45	22 52	0 35	14 40	4 29	18 17	18 38	15 22		n.a.
S 20	7 26	25 17	4 52	13 18	1 2	8 35	1 41	2 26	0 30	3 13	1 14	2 0	2 47	3 49	0 45	22 52	0 35	14 40	4 29	18 17	18 37	15 25		n.a.
S 21	7 48	22 10	5 10	13 0	0 47	8 9	1 42	2 44	0 30	3 8	1 14	1 59	2 47	3 50	0 45	22 52	0 35	14 41	4 29	18 16	18 37	15 28		n.a.
M22	8 10	17 46	5 12	12 40	0 32	7 42	1 43	3 2	0 29	3 2	1 14	1 57	2 47	3 51	0 45	22 52	0 35	14 41	4 29	18 15	18 36	15 31		n.a.
T 23	8 32	12 17	4 55	12 18	0 16	7 15	1 44	3 19	0 29	2 57	1 14	1 55	2 46	3 52	0 45	22 52	0 35	14 42	4 29	18 14	18 35	15 34		n.a.
W24	8 53	5 59	4 19	11 54	0s 0	6 48	1 45	3 36	0 28	2 51	1 14	1 54	2 46	3 52	0 45	22 53	0 35	14 42	4 29	18 13	18 34	15 37		n.a.
T 25	9 15	0s48	3 26	11 29	0 17	6 21	1 46	3 54	0 28	2 46	1 14	1 52	2 46	3 53	0 45	22 53	0 34	14 43	4 29	18 12	18 33	15 39		n.a.
F 26	9 36	7 39	2 17	11 3	0 34	5 54	1 46	4 11	0 27	2 41	1 14	1 50	2 46	3 54	0 45	22 53	0 34	14 43	4 29	18 11	18 32	15 42		n.a.
S 27	9 58	14 8	0 58	10 36	0 51	5 26	1 47	4 28	0 26	2 35	1 14	1 49	2 46	3 55	0 45	22 53	0 34	14 43	4 28	18 11	18 32	15 45		n.a.
S 28	10 19	19 44	0s25	10 8	1 8	4 58	1 48	4 46	0 26	2 30	1 14	1 47	2 46	3 56	0 45	22 53	0 34	14 44	4 28	18 11	18 31	15 48		n.a.
M29	10 40	24 1	1 45	9 41	1 25	4 30	1 48	5 3	0 25	2 25	1 14	1 46	2 46	3 56	0 45	22 53	0 34	14 44	4 28	18 11	18 30	15 51		n.a.
T 30	11n 1	26s38	2s56	9n13	1s41	4s 2	1s49	5n20	0s25	2s20	1s14	1s44	2n46	3n57	0n45	22n53	0s34	14n45	4s28	18n11	18n29	15n54		n.a.

Julian Day Number = 1338000.5, Delta T = 07h18m19s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°34'02, Lahiri = -18°27'02 Julian Calendar 1 Apr. 1050 BCE == Greg. Calendar 22 March 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

MAY 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 53 37	29♈10'31	8♉39	27°R 4	25♓16	14♈58	27♓16	10°R33	21°R52	20♊20	24♉ 2	20♉38	21♉40	14♉47	n.a.	W 1
T 2	13 57 34	0♉ 7'43	22°27	26♈31	26°27	15°40	27°29	10♎29	21♍50	20°22	24° 3	20°39	21°37	14°54	n.a.	T 2
F 3	14 1 30	1° 4'55	5♒51	26° 0	27°38	16°21	27°42	10°25	21°48	20°23	24° 5	20°R39	21°33	15° 0	n.a.	F 3
S 4	14 5 27	2° 2'07	18°54	25°31	28°49	17° 3	27°55	10°21	21°46	20°25	24° 6	20°39	21°30	15° 7	n.a.	S 4
S 5	14 9 24	2°59'18	1♓38	25° 4	0♈ 0	17°45	28° 8	10°17	21°45	20°27	24° 7	20°37	21°27	15°14	n.a.	S 5
M 6	14 13 20	3°56'29	14° 6	24°39	1°11	18°27	28°21	10°14	21°43	20°28	24° 9	20°35	21°24	15°20	n.a.	M 6
T 7	14 17 17	4°53'40	26°22	24°19	2°22	19° 9	28°33	10°10	21°41	20°30	24°10	20°33	21°21	15°27	n.a.	T 7
W 8	14 21 13	5°50'50	8♈27	24° 1	3°34	19°50	28°46	10° 6	21°40	20°31	24°12	20°30	21°18	15°33	n.a.	W 8
T 9	14 25 10	6°47'59	20°24	23°48	4°45	20°32	28°59	10° 2	21°38	20°33	24°13	20°28	21°14	15°40	n.a.	T 9
F 10	14 29 6	7°45'08	2♉15	23°38	5°56	21°14	29°11	9°58	21°37	20°35	24°14	20°27	21°11	15°47	n.a.	F 10
S 11	14 33 3	8°42'17	14° 3	23°33	7° 7	21°55	29°24	9°55	21°35	20°37	24°16	20°27	21° 8	15°53	n.a.	S 11
S 12	14 36 59	9°39'25	25°50	23°D33	8°19	22°37	29°36	9°51	21°34	20°38	24°17	20°D26	21° 5	16° 0	n.a.	S 12
M13	14 40 56	10°36'33	7♊38	23°37	9°30	23°18	29°49	9°48	21°32	20°40	24°19	20°27	21° 2	16° 7	n.a.	M13
T 14	14 44 53	11°33'41	19°30	23°45	10°42	23°59	0♈ 1	9°44	21°31	20°42	24°20	20°28	20°58	16°13	n.a.	T 14
W15	14 48 49	12°30'48	1♋29	23°58	11°53	24°41	0°14	9°41	21°30	20°44	24°22	20°29	20°55	16°20	n.a.	W15
T 16	14 52 46	13°27'54	13°39	24°16	13° 4	25°22	0°26	9°38	21°28	20°46	24°23	20°29	20°52	16°27	n.a.	T 16
F 17	14 56 42	14°25'00	26° 2	24°39	14°16	26° 3	0°38	9°34	21°27	20°47	24°25	20°30	20°49	16°33	n.a.	F 17
S 18	15 0 39	15°22'05	8♌44	25° 6	15°28	26°44	0°50	9°31	21°26	20°49	24°26	20°30	20°46	16°40	n.a.	S 18
S 19	15 4 35	16°19'10	21°47	25°37	16°39	27°25	1° 2	9°28	21°25	20°51	24°28	20°R30	20°43	16°47	n.a.	S 19
M20	15 8 32	17°16'15	5♍15	26°14	17°51	28° 6	1°14	9°25	21°24	20°53	24°29	20°30	20°39	16°53	n.a.	M20
T 21	15 12 28	18°13'18	19° 8	26°54	19° 2	28°47	1°26	9°22	21°23	20°55	24°31	20°30	20°36	17° 0	n.a.	T 21
W22	15 16 25	19°10'22	3♎28	27°40	20°14	29°28	1°37	9°19	21°22	20°57	24°32	20°30	20°33	17° 7	n.a.	W22
T 23	15 20 22	20° 7'25	18°10	28°29	21°26	0♉ 9	1°49	9°16	21°21	20°59	24°33	20°D29	20°30	17°13	n.a.	T 23
F 24	15 24 18	21° 4'28	3♏10	29°23	22°38	0°50	2° 1	9°14	21°20	21° 1	24°35	20°29	20°27	17°20	n.a.	F 24
S 25	15 28 15	22° 1'31	18°21	0♉21	23°49	1°31	2°12	9°11	21°19	21° 3	24°36	20°R30	20°24	17°26	n.a.	S 25
S 26	15 32 11	22°58'34	3♐32	1°23	25° 1	2°12	2°24	9° 8	21°18	21° 5	24°38	20°29	20°20	17°33	n.a.	S 26
M27	15 36 8	23°55'37	18°35	2°29	26°13	2°52	2°35	9° 6	21°18	21° 7	24°39	20°29	20°17	17°40	n.a.	M27
T 28	15 40 4	24°52'41	3♉21	3°40	27°25	3°33	2°46	9° 3	21°17	21° 9	24°41	20°29	20°14	17°46	n.a.	T 28
W29	15 44 1	25°49'45	17°44	4°54	28°37	4°14	2°57	9° 1	21°16	21°11	24°42	20°28	20°11	17°53	n.a.	W29
T 30	15 47 58	26°46'49	1♒41	6°13	29°49	4°54	3° 8	8°59	21°16	21°13	24°44	20°28	20° 8	18° 0	n.a.	T 30
F 31	15 51 54	27♉43'54	15♒12	7♉35	1♉ 1	5♉35	3♈19	8♎57	21♍15	21♊15	24♉45	20♉27	20♉ 4	18♉ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	11n21	27s26	3s55	8n46	1s57	3s34	1s49	5n37	0s24	2s14	1s14	1s43	2n46	3n58	0n45	22n54	0s34	14n45	4s28	18n12	18n28	15n56			n.a.
T 2	11 42	26 30	4 38	8 20	2 12	3 6	1 49	5 54	0 24	2 9	1 14	1 41	2 46	3 58	0 45	22 54	0 34	14 46	4 28	18 12	18 27	15 59			n.a.
F 3	12 2	24 2	5 5	7 55	2 27	2 37	1 49	6 11	0 23	2 4	1 14	1 40	2 45	3 59	0 45	22 54	0 34	14 46	4 28	18 12	18 27	16 2			n.a.
S 4	12 22	20 23	5 16	7 32	2 40	2 9	1 49	6 28	0 22	1 59	1 15	1 38	2 45	4 0	0 45	22 54	0 34	14 46	4 28	18 12	18 26	16 5			n.a.
S 5	12 42	15 52	5 10	7 11	2 53	1 40	1 49	6 44	0 22	1 54	1 15	1 37	2 45	4 0	0 45	22 54	0 34	14 47	4 28	18 11	18 25	16 8			n.a.
M 6	13 2	10 47	4 50	6 51	3 4	1 11	1 49	7 1	0 21	1 48	1 15	1 35	2 45	4 1	0 45	22 54	0 34	14 47	4 28	18 11	18 24	16 10			n.a.
T 7	13 22	5 23	4 16	6 34	3 14	0 42	1 49	7 18	0 21	1 43	1 15	1 34	2 45	4 2	0 45	22 54	0 34	14 48	4 28	18 10	18 23	16 13			n.a.
W 8	13 41	0n10	3 32	6 19	3 23	0 13	1 49	7 34	0 20	1 38	1 15	1 33	2 45	4 2	0 45	22 55	0 34	14 48	4 27	18 10	18 22	16 16			n.a.
T 9	14 0	5 39	2 39	6 7	3 31	0n15	1 49	7 51	0 19	1 33	1 15	1 31	2 45	4 3	0 45	22 55	0 34	14 49	4 27	18 9	18 21	16 19			n.a.
F 10	14 19	10 54	1 39	5 57	3 38	0 44	1 48	8 7	0 19	1 28	1 15	1 30	2 44	4 3	0 45	22 55	0 34	14 49	4 27	18 9	18 21	16 22			n.a.
S 11	14 38	15 45	0 35	5 50	3 43	1 13	1 48	8 23	0 18	1 23	1 15	1 29	2 44	4 4	0 44	22 55	0 34	14 49	4 27	18 9	18 20	16 24			n.a.
S 12	14 56	20 0	0n30	5 46	3 47	1 43	1 47	8 40	0 18	1 18	1 15	1 27	2 44	4 5	0 44	22 55	0 34	14 50	4 27	18 9	18 19	16 27			n.a.
M13	15 14	23 29	1 34	5 45	3 50	2 12	1 47	8 56	0 17	1 13	1 15	1 26	2 44	4 5	0 44	22 55	0 34	14 50	4 27	18 9	18 18	16 30			n.a.
T 14	15 33	25 58	2 34	5 47	3 52	2 41	1 46	9 12	0 16	1 9	1 15	1 25	2 44	4 6	0 44	22 55	0 34	14 51	4 27	18 9	18 17	16 33			n.a.
W15	15 50	27 18	3 29	5 51	3 53	3 10	1 45	9 28	0 16	1 4	1 16	1 24	2 44	4 6	0 44	22 56	0 34	14 51	4 27	18 9	18 16	16 36			n.a.
T 16	16 8	27 20	4 14	5 58	3 52	3 39	1 44	9 44	0 15	0 59	1 16	1 23	2 43	4 7	0 44	22 56	0 34	14 52	4 27	18 9	18 15	16 38			n.a.
F 17	16 25	26 1	4 49	6 7	3 51	4 8	1 43	9 59	0 15	0 54	1 16	1 21	2 43	4 7	0 44	22 56	0 34	14 52	4 27	18 9	18 15	16 41			n.a.
S 18	16 42	23 21	5 11	6 20	3 48	4 36	1 43	10 15	0 14	0 49	1 16	1 20	2 43	4 7	0 44	22 56	0 34	14 52	4 27	18 10	18 14	16 44			n.a.
S 19	16 59	19 28	5 18	6 35	3 45	5 5	1 41	10 31	0 13	0 45	1 16	1 19	2 43	4 8	0 44	22 56	0 34	14 53	4 27	18 10	18 13	16 47			n.a.
M20	17 16	14 29	5 7	6 52	3 41	5 34	1 40	10 46	0 13	0 40	1 16	1 18	2 43	4 8	0 44	22 56	0 34	14 53	4 26	18 10	18 12	16 49			n.a.
T 21	17 32	8 38	4 39	7 11	3 35	6 3	1 39	11 2	0 12	0 35	1 16	1 17	2 42	4 9	0 44	22 57	0 34	14 54	4 26	18 9	18 11	16 52			n.a.
W22	17 48	2 9	3 53	7 33	3 29	6 31	1 38	11 17	0 12	0 31	1 16	1 16	2 42	4 9	0 44	22 57	0 34	14 54	4 26	18 9	18 10	16 55			n.a.
T 23	18 3	4s37	2 50	7 57	3 23	7 0	1 37	11 32	0 11	0 26	1 17	1 15	2 42	4 9	0 44	22 57	0 34	14 54	4 26	18 9	18 10	16 58			n.a.
F 24	18 19	11 17	1 35	8 23	3 15	7 28	1 35	11 47	0 10	0 21	1 17	1 14	2 42	4 10	0 44	22 57	0 34	14 55	4 26	18 9	18 9	17 0			n.a.
S 25	18 34	17 22	0 12	8 52	3 7	7 56	1 34	12 2	0 10	0 17	1 17	1 14	2 42	4 10	0 44	22 57	0 34	14 55	4 26	18 9	18 8	17 3			n.a.
S 26	18 49	22 22	1s12	9 22	2 58	8 24	1 32	12 17	0 9	0 12	1 17	1 13	2 41	4 10	0 44	22 57	0 34	14 56	4 26	18 9	18 7	17 6			n.a.
M27	19 3	25 49	2 30	9 53	2 49	8 52	1 31	12 32	0 9	0 8	1 17	1 12	2 41	4 10	0 44	22 57	0 34	14 56	4 26	18 9	18 6	17 9			n.a.
T 28	19 17	27 23	3 36	10 27	2 39	9 20	1 29	12 46	0 8	0 4	1 17	1 11	2 41	4 11	0 44	22 58	0 34	14 57	4 26	18 9	18 5	17 11			n.a.
W29	19 31	27 2	4 27	11 2	2 29	9 48	1 28	13 1	0 7	0n 1	1 17	1 10	2 41	4 11	0 44	22 58	0 34	14 57	4 26	18 9	18 4	17 14			n.a.
T 30	19 45	24 59	5 1	11 38	2 18	10 15	1 26	13 15	0 7	0 5	1 17	1 10	2 40	4 11	0 44	22 58	0 34	14 57	4 26	18 9	18 3	17 17			n.a.
F 31	19n58	21s33	5s16	12n16	2s 7	10n42	1s24	13n30	0s 6	0n 9	1s18	1s 9	2n40	4n11	0n44	22n58	0s34	14n58	4s26	18n 9	18n 3	17n20			n.a.

Julian Day Number = 1338030.5, Delta T = 07h18m18s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'58, Lahiri = -18°26'58 Julian Calendar 1 May 1050 BCE == Greg. Calendar 21 Apr. 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

JUNE 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 55 51	28♉40'59	28♒17	9♉ 1	2♉13	6♉15	3♈30	8°R54	21°R15	21♊17	24♉47	20°D27	20♉ 1	18♉13	n.a.	S 1
S 2	15 59 47	29°38'04	10♓59	10°31	3°26	6°56	3°41	8♎52	21♍14	21°19	24°48	20♉27	19°58	18°20	n.a.	S 2
M 3	16 3 44	0♊35'10	23°22	12° 5	4°38	7°36	3°52	8°51	21°14	21°21	24°50	20°28	19°55	18°26	n.a.	M 3
T 4	16 7 40	1°32'17	5♈31	13°42	5°50	8°16	4° 2	8°49	21°14	21°24	24°51	20°29	19°52	18°33	n.a.	T 4
W 5	16 11 37	2°29'24	17°28	15°23	7° 2	8°56	4°13	8°47	21°13	21°26	24°53	20°30	19°49	18°40	n.a.	W 5
T 6	16 15 33	3°26'32	29°19	17° 7	8°15	9°37	4°23	8°45	21°13	21°28	24°54	20°31	19°45	18°46	n.a.	T 6
F 7	16 19 30	4°23'41	11♉ 6	18°54	9°27	10°17	4°33	8°44	21°13	21°30	24°56	20°32	19°42	18°53	n.a.	F 7
S 8	16 23 27	5°20'50	22°53	20°45	10°39	10°57	4°44	8°42	21°13	21°32	24°57	20°R32	19°39	19° 0	n.a.	S 8
S 9	16 27 23	6°18'00	4♊42	22°38	11°52	11°37	4°54	8°41	21°13	21°34	24°59	20°31	19°36	19° 6	n.a.	S 9
M10	16 31 20	7°15'10	16°35	24°34	13° 4	12°17	5° 4	8°39	21°D13	21°36	25° 0	20°30	19°33	19°13	n.a.	M10
T 11	16 35 16	8°12'21	28°35	26°32	14°17	12°57	5°13	8°38	21°13	21°39	25° 2	20°28	19°30	19°19	n.a.	T 11
W12	16 39 13	9° 9'33	10♋44	28°33	15°29	13°37	5°23	8°37	21°13	21°41	25° 3	20°25	19°26	19°26	n.a.	W12
T 13	16 43 9	10° 6'45	23° 3	0♊35	16°42	14°17	5°33	8°36	21°13	21°43	25° 4	20°22	19°23	19°33	n.a.	T 13
F 14	16 47 6	11° 3'57	5♌35	2°39	17°55	14°57	5°42	8°35	21°13	21°45	25° 6	20°20	19°20	19°39	n.a.	F 14
S 15	16 51 3	12° 1'10	18°21	4°45	19° 7	15°37	5°52	8°34	21°14	21°47	25° 7	20°17	19°17	19°46	n.a.	S 15
S 16	16 54 59	12°58'23	1♍26	6°51	20°20	16°16	6° 1	8°33	21°14	21°50	25° 9	20°16	19°14	19°53	n.a.	S 16
M17	16 58 56	13°55'37	14°49	8°57	21°33	16°56	6°10	8°33	21°14	21°52	25°10	20°D15	19°10	19°59	n.a.	M17
T 18	17 2 52	14°52'51	28°34	11° 4	22°46	17°36	6°19	8°32	21°15	21°54	25°12	20°16	19° 7	20° 6	n.a.	T 18
W19	17 6 49	15°50'06	12♎40	13°11	23°58	18°15	6°28	8°32	21°15	21°56	25°13	20°17	19° 4	20°13	n.a.	W19
T 20	17 10 45	16°47'22	27° 7	15°18	25°11	18°55	6°37	8°31	21°16	21°58	25°14	20°18	19° 1	20°19	n.a.	T 20
F 21	17 14 42	17°44'38	11♏52	17°24	26°24	19°34	6°45	8°31	21°16	22° 1	25°16	20°20	18°58	20°26	n.a.	F 21
S 22	17 18 38	18°41'55	26°50	19°30	27°37	20°14	6°54	8°31	21°17	22° 3	25°17	20°R20	18°55	20°33	n.a.	S 22
S 23	17 22 35	19°39'12	11♐53	21°35	28°50	20°53	7° 2	8°D31	21°17	22° 5	25°19	20°18	18°51	20°39	n.a.	S 23
M24	17 26 32	20°36'31	26°52	23°38	0♊ 3	21°32	7°11	8°31	21°18	22° 7	25°20	20°16	18°48	20°46	n.a.	M24
T 25	17 30 28	21°33'51	11♑40	25°41	1°16	22°12	7°19	8°31	21°19	22°10	25°21	20°12	18°45	20°52	n.a.	T 25
W26	17 34 25	22°31'12	26° 9	27°42	2°29	22°51	7°27	8°31	21°20	22°12	25°23	20° 7	18°42	20°59	n.a.	W26
T 27	17 38 21	23°28'34	10♒13	29°42	3°42	23°30	7°35	8°32	21°21	22°14	25°24	20° 2	18°39	21° 6	n.a.	T 27
F 28	17 42 18	24°25'58	23°49	1♋41	4°55	24° 9	7°42	8°32	21°22	22°16	25°25	19°58	18°36	21°12	n.a.	F 28
S 29	17 46 14	25°23'23	6♓59	3°38	6° 9	24°48	7°50	8°32	21°23	22°18	25°27	19°55	18°32	21°19	n.a.	S 29
S 30	17 50 11	26♊20'49	19♓43	5♋34	7♊22	25♉27	7♈57	8♎33	21♍24	22♊21	25♉28	19♉54	18♉29	21♉26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n11	17s10	5s15	12n55	1s55	11n 9	1s22	13n44	0s 5	0n14	1s18	1s 8	2n40	4n11	0n44	22n58	0s34	14n58	4s26	18n 9	18n 2	17n22		n.a.
S 2	20 24	12 8	4 57	13 34	1 44	11 36	1 20	13 58	0 5	0 18	1 18	1 8	2 40	4 12	0 44	22 58	0 34	14 59	4 26	18 9	18 1	17 25		n.a.
M 3	20 36	6 45	4 27	14 15	1 32	12 2	1 19	14 12	0 4	0 22	1 18	1 7	2 39	4 12	0 44	22 59	0 34	14 59	4 26	18 9	18 0	17 28		n.a.
T 4	20 48	1 12	3 45	14 56	1 20	12 28	1 17	14 26	0 4	0 26	1 18	1 7	2 39	4 12	0 44	22 59	0 34	14 59	4 26	18 9	17 59	17 30		n.a.
W 5	20 59	4n18	2 53	15 38	1 7	12 54	1 15	14 40	0 3	0 30	1 18	1 6	2 39	4 12	0 43	22 59	0 34	15 0	4 26	18 10	17 58	17 33		n.a.
T 6	21 11	9 37	1 55	16 20	0 55	13 20	1 13	14 53	0 2	0 34	1 19	1 6	2 39	4 12	0 43	22 59	0 34	15 0	4 26	18 10	17 57	17 36		n.a.
F 7	21 22	14 35	0 52	17 2	0 43	13 45	1 10	15 7	0 2	0 38	1 19	1 5	2 39	4 12	0 43	22 59	0 34	15 1	4 26	18 10	17 57	17 39		n.a.
S 8	21 32	19 0	0n13	17 44	0 31	14 11	1 8	15 20	0 1	0 42	1 19	1 5	2 38	4 12	0 43	22 59	0 33	15 1	4 26	18 10	17 56	17 41		n.a.
S 9	21 42	22 41	1 18	18 25	0 19	14 35	1 6	15 33	0 0	0 46	1 19	1 5	2 38	4 12	0 43	23 0	0 33	15 1	4 25	18 10	17 55	17 44		n.a.
M10	21 52	25 27	2 19	19 6	0 7	15 0	1 4	15 46	0n 0	0 50	1 19	1 5	2 38	4 12	0 43	23 0	0 33	15 2	4 25	18 10	17 54	17 47		n.a.
T 11	22 2	27 4	3 15	19 46	0n 5	15 24	1 2	15 59	0 1	0 54	1 19	1 4	2 37	4 12	0 43	23 0	0 33	15 2	4 25	18 9	17 53	17 49		n.a.
W12	22 11	27 25	4 3	20 25	0 16	15 48	1 0	16 12	0 2	0 58	1 20	1 4	2 37	4 12	0 43	23 0	0 33	15 2	4 25	18 8	17 52	17 52		n.a.
T 13	22 19	26 25	4 40	21 2	0 27	16 11	0 57	16 25	0 2	1 1	1 20	1 4	2 37	4 12	0 43	23 0	0 33	15 3	4 25	18 7	17 51	17 55		n.a.
F 14	22 28	24 5	5 5	21 38	0 37	16 34	0 55	16 37	0 3	1 5	1 20	1 4	2 37	4 12	0 43	23 0	0 33	15 3	4 25	18 7	17 50	17 57		n.a.
S 15	22 36	20 33	5 15	22 11	0 46	16 56	0 53	16 50	0 4	1 9	1 20	1 4	2 36	4 11	0 43	23 0	0 33	15 4	4 25	18 6	17 50	18 0		n.a.
S 16	22 43	15 56	5 9	22 43	0 56	17 19	0 50	17 2	0 4	1 12	1 20	1 4	2 36	4 11	0 43	23 1	0 33	15 4	4 25	18 6	17 49	18 3		n.a.
M17	22 50	10 28	4 47	23 12	1 4	17 40	0 48	17 14	0 5	1 16	1 20	1 4	2 36	4 11	0 43	23 1	0 33	15 4	4 25	18 6	17 48	18 5		n.a.
T 18	22 57	4 21	4 7	23 39	1 12	18 2	0 45	17 26	0 5	1 19	1 21	1 4	2 36	4 11	0 43	23 1	0 33	15 5	4 25	18 6	17 47	18 8		n.a.
W19	23 3	2s 8	3 13	24 3	1 19	18 22	0 43	17 38	0 6	1 22	1 21	1 4	2 35	4 11	0 43	23 1	0 33	15 5	4 25	18 6	17 46	18 11		n.a.
T 20	23 9	8 41	2 4	24 24	1 25	18 43	0 40	17 50	0 7	1 26	1 21	1 4	2 35	4 10	0 43	23 1	0 33	15 5	4 25	18 6	17 45	18 13		n.a.
F 21	23 15	14 54	0 46	24 43	1 31	19 3	0 38	18 1	0 7	1 29	1 21	1 4	2 35	4 10	0 43	23 1	0 33	15 6	4 25	18 7	17 44	18 16		n.a.
S 22	23 20	20 20	0s36	24 59	1 35	19 22	0 35	18 13	0 8	1 32	1 21	1 4	2 35	4 10	0 43	23 2	0 33	15 6	4 25	18 7	17 43	18 19		n.a.
S 23	23 25	24 29	1 56	25 12	1 40	19 41	0 33	18 24	0 9	1 36	1 22	1 4	2 34	4 10	0 43	23 2	0 33	15 6	4 25	18 6	17 42	18 21		n.a.
M24	23 29	26 54	3 7	25 23	1 43	19 59	0 30	18 35	0 9	1 39	1 22	1 5	2 34	4 9	0 43	23 2	0 33	15 7	4 25	18 6	17 42	18 24		n.a.
T 25	23 33	27 22	4 5	25 31	1 46	20 17	0 28	18 46	0 10	1 42	1 22	1 5	2 34	4 9	0 43	23 2	0 33	15 7	4 25	18 5	17 41	18 27		n.a.
W26	23 36	25 56	4 46	25 36	1 48	20 35	0 25	18 57	0 11	1 45	1 22	1 5	2 33	4 8	0 43	23 2	0 33	15 7	4 25	18 3	17 40	18 29		n.a.
T 27	23 39	22 53	5 8	25 38	1 49	20 51	0 23	19 8	0 11	1 48	1 22	1 6	2 33	4 8	0 43	23 2	0 33	15 8	4 25	18 2	17 39	18 32		n.a.
F 28	23 42	18 41	5 12	25 38	1 50	21 8	0 20	19 18	0 12	1 51	1 23	1 6	2 33	4 8	0 42	23 2	0 33	15 8	4 25	18 1	17 38	18 35		n.a.
S 29	23 44	13 42	4 59	25 36	1 50	21 23	0 18	19 29	0 13	1 53	1 23	1 6	2 33	4 7	0 42	23 3	0 33	15 8	4 25	18 0	17 37	18 37		n.a.
S 30	23n46	8s17	4s31	25n31	1n49	21n38	0s15	19n39	0n13	1n56	1s23	1s 7	2n32	4n 7	0n42	23n 3	0s33	15n 9	4s25	18n 0	17n36	18n40		n.a.

Julian Day Number = 1338061.5, Delta T = 07h18m16s
Ecliptic obliquity = 23°49'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'54, Lahiri = -18°26'53 Julian Calendar 1 June 1050 BCE == Greg. Calendar 22 May 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

JULY 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 54 8	27♊18'17	2♈ 6	7♋28	8♊35	26♉ 6	8♈ 4	8♎34	21♍25	22♊23	25♉29	19°D54	18♉26	21♉32	n.a.	M 1
T 2	17 58 4	28°15'46	14°13	9°21	9°49	26°45	8°12	8°34	21°26	22°25	25°31	19♉55	18°23	21°39	n.a.	T 2
W 3	18 2 1	29°13'17	26° 8	11°12	11° 2	27°24	8°19	8°35	21°27	22°27	25°32	19°56	18°20	21°46	n.a.	W 3
T 4	18 5 57	0♋10'49	7♉57	13° 1	12°15	28° 3	8°25	8°36	21°28	22°30	25°33	19°58	18°16	21°52	n.a.	T 4
F 5	18 9 54	1° 8'23	19°44	14°49	13°29	28°42	8°32	8°37	21°29	22°32	25°34	19°R58	18°13	21°59	n.a.	F 5
S 6	18 13 50	2° 5'58	1♊32	16°36	14°42	29°21	8°39	8°38	21°31	22°34	25°36	19°58	18°10	22° 6	n.a.	S 6
S 7	18 17 47	3° 3'35	13°26	18°21	15°56	29°59	8°45	8°40	21°32	22°36	25°37	19°55	18° 7	22°12	n.a.	S 7
M 8	18 21 43	4° 1'14	25°28	20° 5	17° 9	0♊38	8°51	8°41	21°34	22°38	25°38	19°50	18° 4	22°19	n.a.	M 8
T 9	18 25 40	4°58'54	7♋40	21°47	18°23	1°17	8°57	8°43	21°35	22°41	25°39	19°44	18° 1	22°26	n.a.	T 9
W10	18 29 37	5°56'35	20° 3	23°28	19°37	1°56	9° 3	8°44	21°37	22°43	25°40	19°36	17°57	22°32	n.a.	W10
T 11	18 33 33	6°54'18	2♌38	25° 7	20°50	2°34	9° 9	8°46	21°38	22°45	25°42	19°28	17°54	22°39	n.a.	T 11
F 12	18 37 30	7°52'02	15°25	26°45	22° 4	3°13	9°14	8°47	21°40	22°47	25°43	19°19	17°51	22°45	n.a.	F 12
S 13	18 41 26	8°49'48	28°25	28°21	23°18	3°51	9°20	8°49	21°42	22°49	25°44	19°12	17°48	22°52	n.a.	S 13
S 14	18 45 23	9°47'35	11♍39	29°56	24°32	4°30	9°25	8°51	21°43	22°51	25°45	19° 7	17°45	22°59	n.a.	S 14
M15	18 49 19	10°45'23	25° 6	1♌29	25°46	5° 8	9°30	8°53	21°45	22°54	25°46	19° 4	17°42	23° 5	n.a.	M15
T 16	18 53 16	11°43'12	8♎48	3° 1	26°59	5°46	9°35	8°55	21°47	22°56	25°47	19°D 3	17°38	23°12	n.a.	T 16
W17	18 57 12	12°41'03	22°45	4°32	28°13	6°24	9°40	8°57	21°49	22°58	25°48	19° 3	17°35	23°19	n.a.	W17
T 18	19 1 9	13°38'55	6♏56	6° 1	29°27	7° 3	9°44	9° 0	21°51	23° 0	25°49	19° 4	17°32	23°25	n.a.	T 18
F 19	19 5 6	14°36'48	21°22	7°29	0♋41	7°41	9°48	9° 2	21°53	23° 2	25°51	19°R 4	17°29	23°32	n.a.	F 19
S 20	19 9 2	15°34'44	5♐58	8°55	1°55	8°19	9°53	9° 5	21°55	23° 4	25°52	19° 3	17°26	23°39	n.a.	S 20
S 21	19 12 59	16°32'40	20°41	10°19	3° 9	8°57	9°57	9° 7	21°57	23° 6	25°53	19° 0	17°22	23°45	n.a.	S 21
M22	19 16 55	17°30'38	5♑23	11°43	4°23	9°35	10° 0	9°10	21°59	23° 8	25°54	18°54	17°19	23°52	n.a.	M22
T 23	19 20 52	18°28'38	19°59	13° 4	5°37	10°13	10° 4	9°12	22° 1	23°10	25°55	18°46	17°16	23°59	n.a.	T 23
W24	19 24 48	19°26'40	4♒20	14°24	6°52	10°51	10° 8	9°15	22° 3	23°12	25°56	18°37	17°13	24° 5	n.a.	W24
T 25	19 28 45	20°24'44	18°21	15°42	8° 6	11°29	10°11	9°18	22° 5	23°14	25°57	18°27	17°10	24°12	n.a.	T 25
F 26	19 32 41	21°22'49	1♓57	16°59	9°20	12° 7	10°14	9°21	22° 8	23°16	25°57	18°18	17° 7	24°19	n.a.	F 26
S 27	19 36 38	22°20'56	15° 8	18°14	10°34	12°44	10°17	9°24	22°10	23°18	25°58	18°10	17° 3	24°25	n.a.	S 27
S 28	19 40 35	23°19'06	27°54	19°27	11°49	13°22	10°20	9°27	22°12	23°20	25°59	18° 5	17° 0	24°32	n.a.	S 28
M29	19 44 31	24°17'18	10♈19	20°38	13° 3	14° 0	10°22	9°31	22°15	23°22	26° 0	18° 2	16°57	24°38	n.a.	M29
T 30	19 48 28	25°15'31	22°26	21°47	14°17	14°38	10°24	9°34	22°17	23°24	26° 1	18°D 1	16°54	24°45	n.a.	T 30
W31	19 52 24	26♋13'47	4♉22	22♌55	15♋32	15♊15	10♈27	9♎37	22♍19	23♊26	26♉ 2	18♉ 1	16♉51	24♉52	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	2s41	3s52	25n25	1n48	21n53	0s12	19n49	0n14	1n59	1s23	1s 7	2n32	4n 6	0n42	23n 3	0s33	15n 9	4s25	18n 0	17n35	18n42			n.a.
T 2	23 49	2n54	3 3	25 16	1 47	22 7	0 10	19 59	0 15	2 2	1 23	1 8	2 32	4 6	0 42	23 3	0 33	15 9	4 25	18 0	17 34	18 45			n.a.
W 3	23 49	8 18	2 6	25 5	1 44	22 20	0 7	20 9	0 15	2 4	1 24	1 9	2 32	4 5	0 42	23 3	0 33	15 10	4 25	18 0	17 34	18 48			n.a.
T 4	23 49	13 22	1 5	24 52	1 42	22 33	0 5	20 18	0 16	2 7	1 24	1 9	2 31	4 5	0 42	23 3	0 33	15 10	4 25	18 1	17 33	18 50			n.a.
F 5	23 49	17 56	0 1	24 37	1 39	22 45	0 2	20 28	0 17	2 9	1 24	1 10	2 31	4 4	0 42	23 3	0 33	15 10	4 25	18 1	17 32	18 53			n.a.
S 6	23 48	21 49	1n 2	24 21	1 35	22 56	0n 0	20 37	0 17	2 12	1 24	1 11	2 31	4 4	0 42	23 3	0 33	15 10	4 25	18 1	17 31	18 55			n.a.
S 7	23 47	24 49	2 4	24 3	1 31	23 7	0 3	20 46	0 18	2 14	1 24	1 11	2 30	4 3	0 42	23 4	0 33	15 11	4 25	18 0	17 30	18 58			n.a.
M 8	23 46	26 45	3 0	23 43	1 27	23 17	0 5	20 55	0 19	2 16	1 25	1 12	2 30	4 2	0 42	23 4	0 33	15 11	4 25	17 59	17 29	19 1			n.a.
T 9	23 44	27 24	3 49	23 22	1 22	23 26	0 8	21 4	0 19	2 18	1 25	1 13	2 30	4 2	0 42	23 4	0 33	15 11	4 25	17 57	17 28	19 3			n.a.
W10	23 41	26 43	4 28	23 0	1 17	23 35	0 10	21 12	0 20	2 21	1 25	1 14	2 30	4 1	0 42	23 4	0 33	15 12	4 25	17 55	17 27	19 6			n.a.
T 11	23 38	24 39	4 54	22 37	1 11	23 43	0 13	21 21	0 21	2 23	1 25	1 15	2 29	4 1	0 42	23 4	0 33	15 12	4 25	17 53	17 26	19 8			n.a.
F 12	23 35	21 20	5 7	22 12	1 5	23 50	0 15	21 29	0 21	2 25	1 25	1 16	2 29	4 0	0 42	23 4	0 33	15 12	4 25	17 50	17 25	19 11			n.a.
S 13	23 31	16 56	5 3	21 47	0 59	23 57	0 18	21 37	0 22	2 27	1 26	1 17	2 29	3 59	0 42	23 4	0 33	15 12	4 25	17 48	17 25	19 13			n.a.
S 14	23 27	11 40	4 44	21 20	0 52	24 2	0 20	21 45	0 23	2 29	1 26	1 18	2 29	3 58	0 42	23 5	0 33	15 13	4 25	17 47	17 24	19 16			n.a.
M15	23 23	5 46	4 9	20 53	0 46	24 8	0 22	21 53	0 23	2 30	1 26	1 19	2 28	3 58	0 42	23 5	0 33	15 13	4 25	17 46	17 23	19 19			n.a.
T 16	23 18	0s30	3 19	20 25	0 39	24 12	0 25	22 0	0 24	2 32	1 26	1 20	2 28	3 57	0 42	23 5	0 33	15 13	4 25	17 46	17 22	19 21			n.a.
W17	23 12	6 52	2 17	19 56	0 31	24 16	0 27	22 8	0 25	2 34	1 27	1 21	2 28	3 56	0 42	23 5	0 33	15 13	4 25	17 46	17 21	19 24			n.a.
T 18	23 7	13 2	1 5	19 27	0 24	24 19	0 30	22 15	0 25	2 35	1 27	1 22	2 28	3 55	0 42	23 5	0 33	15 14	4 25	17 46	17 20	19 26			n.a.
F 19	23 0	18 35	0s12	18 57	0 16	24 21	0 32	22 22	0 26	2 37	1 27	1 23	2 27	3 54	0 42	23 5	0 33	15 14	4 25	17 46	17 19	19 29			n.a.
S 20	22 54	23 7	1 29	18 27	0 8	24 22	0 34	22 29	0 27	2 38	1 27	1 24	2 27	3 54	0 42	23 5	0 33	15 14	4 25	17 46	17 18	19 31			n.a.
S 21	22 47	26 10	2 41	17 56	0s 0	24 23	0 36	22 36	0 27	2 40	1 28	1 26	2 27	3 53	0 42	23 5	0 33	15 14	4 25	17 45	17 17	19 34			n.a.
M22	22 39	27 24	3 42	17 25	0 9	24 23	0 38	22 42	0 28	2 41	1 28	1 27	2 26	3 52	0 42	23 5	0 33	15 14	4 25	17 43	17 16	19 36			n.a.
T 23	22 31	26 42	4 27	16 53	0 17	24 23	0 41	22 49	0 29	2 42	1 28	1 28	2 26	3 51	0 41	23 6	0 33	15 15	4 25	17 41	17 15	19 39			n.a.
W24	22 23	24 15	4 55	16 22	0 26	24 21	0 43	22 55	0 30	2 43	1 28	1 30	2 26	3 50	0 41	23 6	0 33	15 15	4 25	17 38	17 15	19 41			n.a.
T 25	22 15	20 23	5 4	15 50	0 35	24 19	0 45	23 1	0 30	2 44	1 29	1 31	2 26	3 49	0 41	23 6	0 33	15 15	4 26	17 36	17 14	19 44			n.a.
F 26	22 6	15 32	4 56	15 18	0 44	24 16	0 47	23 7	0 31	2 45	1 29	1 32	2 25	3 48	0 41	23 6	0 33	15 15	4 26	17 33	17 13	19 47			n.a.
S 27	21 56	10 6	4 32	14 46	0 53	24 12	0 49	23 13	0 32	2 46	1 29	1 34	2 25	3 47	0 41	23 6	0 33	15 15	4 26	17 31	17 12	19 49			n.a.
S 28	21 46	4 25	3 54	14 15	1 2	24 8	0 51	23 18	0 32	2 47	1 29	1 35	2 25	3 46	0 41	23 6	0 33	15 16	4 26	17 29	17 11	19 52			n.a.
M29	21 36	1n17	3 7	13 43	1 11	24 3	0 53	23 23	0 33	2 48	1 29	1 37	2 25	3 45	0 41	23 6	0 33	15 16	4 26	17 29	17 10	19 54			n.a.
T 30	21 25	6 50	2 12	13 12	1 20	23 57	0 54	23 29	0 34	2 49	1 30	1 38	2 24	3 44	0 41	23 6	0 33	15 16	4 26	17 28	17 9	19 57			n.a.
W31	21n14	12n 3	1s12	12n41	1s30	23n50	0n56	23n34	0n34	2n49	1s30	1s40	2n24	3n43	0n41	23n 6	0s33	15n16	4s26	17n28	17n 8	19n59			n.a.

Julian Day Number = 1338091.5, Delta T = 07h18m15s
Ecliptic obliquity = 23°49'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'50, Lahiri = -18°26'49 Julian Calendar 1 July 1050 BCE == Greg. Calendar 21 June 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

AUGUST 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 56 21	27♋12'06	16♉11	23♌59	16♋46	15♊53	10♈28	9♎41	22♍22	23♊28	26♉ 3	18°R 2	16♉48	24♉58	n.a.	T 1
F 2	20 0 17	28°10'26	27°58	25° 2	18° 1	16°30	10°30	9°44	22°25	23°30	26° 4	18♉ 1	16°44	25° 5	n.a.	F 2
S 3	20 4 14	29° 8'49	9♊49	26° 2	19°15	17° 8	10°32	9°48	22°27	23°32	26° 4	17°59	16°41	25°12	n.a.	S 3
S 4	20 8 10	0♌ 7'14	21°49	27° 0	20°30	17°45	10°33	9°52	22°30	23°34	26° 5	17°55	16°38	25°18	n.a.	S 4
M 5	20 12 7	1° 5'41	4♋ 0	27°55	21°44	18°22	10°34	9°56	22°32	23°36	26° 6	17°47	16°35	25°25	n.a.	M 5
T 6	20 16 4	2° 4'10	16°24	28°46	22°59	19° 0	10°35	9°59	22°35	23°38	26° 7	17°37	16°32	25°32	n.a.	T 6
W 7	20 20 0	3° 2'42	29° 4	29°35	24°13	19°37	10°36	10° 3	22°38	23°40	26° 7	17°26	16°28	25°38	n.a.	W 7
T 8	20 23 57	4° 1'15	11♌59	0♍20	25°28	20°14	10°37	10° 7	22°41	23°41	26° 8	17°13	16°25	25°45	n.a.	T 8
F 9	20 27 53	4°59'50	25° 8	1° 2	26°43	20°51	10°37	10°12	22°43	23°43	26° 9	17° 1	16°22	25°52	n.a.	F 9
S 10	20 31 50	5°58'28	8♍29	1°40	27°57	21°28	10°R37	10°16	22°46	23°45	26° 9	16°50	16°19	25°58	n.a.	S 10
S 11	20 35 46	6°57'07	22° 2	2°13	29°12	22° 5	10°37	10°20	22°49	23°47	26°10	16°41	16°16	26° 5	n.a.	S 11
M12	20 39 43	7°55'48	5♎43	2°42	0♌27	22°42	10°37	10°24	22°52	23°48	26°10	16°35	16°13	26°12	n.a.	M12
T 13	20 43 39	8°54'31	19°33	3° 6	1°42	23°19	10°36	10°29	22°55	23°50	26°11	16°32	16° 9	26°18	n.a.	T 13
W14	20 47 36	9°53'15	3♏30	3°25	2°57	23°56	10°36	10°33	22°58	23°52	26°12	16°31	16° 6	26°25	n.a.	W14
T 15	20 51 32	10°52'02	17°34	3°38	4°11	24°33	10°35	10°38	23° 1	23°53	26°12	16°31	16° 3	26°31	n.a.	T 15
F 16	20 55 29	11°50'50	1♐44	3°45	5°26	25°10	10°34	10°42	23° 4	23°55	26°13	16°31	16° 0	26°38	n.a.	F 16
S 17	20 59 26	12°49'41	16° 0	3°R46	6°41	25°47	10°32	10°47	23° 7	23°57	26°13	16°29	15°57	26°45	n.a.	S 17
S 18	21 3 22	13°48'33	0♑18	3°40	7°56	26°23	10°31	10°52	23°10	23°58	26°14	16°24	15°53	26°51	n.a.	S 18
M19	21 7 19	14°47'27	14°35	3°27	9°11	27° 0	10°29	10°57	23°13	24° 0	26°14	16°16	15°50	26°58	n.a.	M19
T 20	21 11 15	15°46'23	28°47	3° 6	10°26	27°36	10°28	11° 2	23°17	24° 1	26°14	16° 6	15°47	27° 5	n.a.	T 20
W21	21 15 12	16°45'22	12♒49	2°39	11°41	28°13	10°25	11° 7	23°20	24° 3	26°15	15°54	15°44	27°11	n.a.	W21
T 22	21 19 8	17°44'22	26°34	2° 4	12°56	28°49	10°23	11°12	23°23	24° 4	26°15	15°42	15°41	27°18	n.a.	T 22
F 23	21 23 5	18°43'24	10♓ 0	1°21	14°11	29°26	10°21	11°17	23°26	24° 6	26°16	15°30	15°38	27°25	n.a.	F 23
S 24	21 27 1	19°42'29	23° 5	0°32	15°26	0♋ 2	10°18	11°22	23°30	24° 7	26°16	15°20	15°34	27°31	n.a.	S 24
S 25	21 30 58	20°41'36	5♈48	29♌36	16°41	0°38	10°15	11°27	23°33	24° 9	26°16	15°12	15°31	27°38	n.a.	S 25
M26	21 34 55	21°40'45	18°12	28°35	17°56	1°14	10°12	11°32	23°36	24°10	26°17	15° 8	15°28	27°45	n.a.	M26
T 27	21 38 51	22°39'57	0♉19	27°29	19°11	1°51	10° 9	11°38	23°40	24°11	26°17	15° 5	15°25	27°51	n.a.	T 27
W28	21 42 48	23°39'12	12°15	26°21	20°26	2°27	10° 6	11°43	23°43	24°13	26°17	15°D 4	15°22	27°58	n.a.	W28
T 29	21 46 44	24°38'28	24° 4	25°11	21°41	3° 3	10° 2	11°49	23°46	24°14	26°17	15°R 4	15°19	28° 5	n.a.	T 29
F 30	21 50 41	25°37'48	5♊53	24° 2	22°57	3°39	9°58	11°54	23°50	24°15	26°17	15° 4	15°15	28°11	n.a.	F 30
S 31	21 54 37	26♌37'09	17♊45	22♌55	24♌12	4♋15	9♈54	12♎ 0	23♍53	24♊17	26♉18	15♉ 2	15♉12	28♉18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n 3	16n47	0s10	12n11	1s39	23n43	0n58	23n39	0n35	2n50	1s30	1s42	2n24	3n42	0n41	23n 7	0s33	15n16	4s26	17n29	17n 7	20n 2		n.a.
F 2	20 51	20 53	0n53	11 41	1 49	23 35	1 0	23 43	0 36	2 50	1 30	1 43	2 24	3 41	0 41	23 7	0 33	15 16	4 26	17 28	17 6	20 4		n.a.
S 3	20 39	24 9	1 53	11 12	1 58	23 26	1 1	23 48	0 37	2 51	1 31	1 45	2 23	3 40	0 41	23 7	0 33	15 17	4 26	17 28	17 5	20 7		n.a.
S 4	20 27	26 23	2 49	10 43	2 7	23 16	1 3	23 52	0 37	2 51	1 31	1 47	2 23	3 39	0 41	23 7	0 33	15 17	4 26	17 26	17 4	20 9		n.a.
M 5	20 14	27 24	3 38	10 16	2 16	23 6	1 5	23 56	0 38	2 51	1 31	1 48	2 23	3 38	0 41	23 7	0 33	15 17	4 26	17 24	17 4	20 11		n.a.
T 6	20 1	27 4	4 18	9 49	2 26	22 55	1 6	24 0	0 39	2 52	1 31	1 50	2 23	3 37	0 41	23 7	0 33	15 17	4 26	17 22	17 3	20 14		n.a.
W 7	19 47	25 20	4 46	9 23	2 35	22 43	1 8	24 4	0 39	2 52	1 32	1 52	2 23	3 36	0 41	23 7	0 33	15 17	4 26	17 18	17 2	20 16		n.a.
T 8	19 33	22 15	5 0	8 59	2 43	22 31	1 9	24 7	0 40	2 52	1 32	1 54	2 22	3 35	0 41	23 7	0 33	15 17	4 26	17 15	17 1	20 19		n.a.
F 9	19 19	18 1	4 58	8 36	2 52	22 18	1 10	24 11	0 41	2 52	1 32	1 56	2 22	3 33	0 41	23 7	0 33	15 17	4 26	17 11	17 0	20 21		n.a.
S 10	19 5	12 50	4 40	8 15	3 0	22 4	1 12	24 14	0 42	2 51	1 32	1 57	2 22	3 32	0 41	23 7	0 33	15 17	4 26	17 8	16 59	20 24		n.a.
S 11	18 50	6 58	4 6	7 55	3 8	21 50	1 13	24 17	0 42	2 51	1 33	1 59	2 22	3 31	0 41	23 7	0 33	15 17	4 26	17 5	16 58	20 26		n.a.
M12	18 35	0 43	3 18	7 38	3 16	21 35	1 14	24 20	0 43	2 51	1 33	2 1	2 21	3 30	0 41	23 8	0 33	15 18	4 26	17 4	16 57	20 29		n.a.
T 13	18 19	5s39	2 17	7 22	3 23	21 19	1 15	24 23	0 44	2 50	1 33	2 3	2 21	3 29	0 41	23 8	0 33	15 18	4 26	17 3	16 56	20 31		n.a.
W14	18 3	11 49	1 8	7 9	3 30	21 3	1 16	24 25	0 44	2 50	1 33	2 5	2 21	3 27	0 41	23 8	0 33	15 18	4 26	17 3	16 55	20 34		n.a.
T 15	17 47	17 26	0s 6	6 59	3 36	20 46	1 17	24 28	0 45	2 49	1 33	2 7	2 21	3 26	0 41	23 8	0 33	15 18	4 26	17 3	16 54	20 36		n.a.
F 16	17 31	22 8	1 20	6 52	3 41	20 28	1 18	24 30	0 46	2 49	1 34	2 9	2 21	3 25	0 41	23 8	0 33	15 18	4 26	17 2	16 53	20 38		n.a.
S 17	17 14	25 32	2 29	6 47	3 46	20 10	1 19	24 32	0 47	2 48	1 34	2 11	2 20	3 24	0 41	23 8	0 33	15 18	4 26	17 2	16 52	20 41		n.a.
S 18	16 57	27 19	3 29	6 46	3 49	19 52	1 20	24 34	0 47	2 47	1 34	2 13	2 20	3 22	0 41	23 8	0 33	15 18	4 26	17 0	16 52	20 43		n.a.
M19	16 39	27 15	4 16	6 49	3 51	19 32	1 21	24 35	0 48	2 46	1 34	2 15	2 20	3 21	0 41	23 8	0 33	15 18	4 27	16 58	16 51	20 46		n.a.
T 20	16 22	25 24	4 47	6 55	3 52	19 12	1 21	24 37	0 49	2 46	1 35	2 18	2 20	3 20	0 41	23 8	0 33	15 18	4 27	16 55	16 50	20 48		n.a.
W21	16 4	22 1	5 0	7 6	3 52	18 52	1 22	24 38	0 50	2 45	1 35	2 20	2 20	3 18	0 41	23 8	0 33	15 18	4 27	16 52	16 49	20 50		n.a.
T 22	15 46	17 28	4 55	7 20	3 50	18 31	1 22	24 39	0 50	2 43	1 35	2 22	2 19	3 17	0 41	23 8	0 33	15 18	4 27	16 48	16 48	20 53		n.a.
F 23	15 27	12 9	4 34	7 39	3 46	18 9	1 23	24 40	0 51	2 42	1 35	2 24	2 19	3 16	0 41	23 8	0 33	15 18	4 27	16 45	16 47	20 55		n.a.
S 24	15 8	6 26	3 58	8 1	3 41	17 47	1 23	24 41	0 52	2 41	1 35	2 26	2 19	3 14	0 40	23 8	0 33	15 18	4 27	16 42	16 46	20 58		n.a.
S 25	14 49	0 35	3 12	8 28	3 33	17 25	1 24	24 42	0 53	2 40	1 36	2 29	2 19	3 13	0 40	23 8	0 33	15 18	4 27	16 39	16 45	21 0		n.a.
M26	14 30	5n 8	2 17	8 59	3 24	17 2	1 24	24 42	0 53	2 38	1 36	2 31	2 19	3 12	0 40	23 8	0 33	15 18	4 27	16 38	16 44	21 2		n.a.
T 27	14 11	10 34	1 17	9 32	3 12	16 38	1 24	24 43	0 54	2 37	1 36	2 33	2 18	3 10	0 40	23 9	0 33	15 18	4 27	16 37	16 43	21 5		n.a.
W28	13 51	15 31	0 15	10 8	2 59	16 14	1 24	24 43	0 55	2 35	1 36	2 35	2 18	3 9	0 40	23 9	0 33	15 18	4 27	16 37	16 42	21 7		n.a.
T 29	13 31	19 51	0n48	10 46	2 43	15 50	1 25	24 43	0 56	2 34	1 36	2 38	2 18	3 8	0 40	23 9	0 33	15 18	4 27	16 37	16 41	21 9		n.a.
F 30	13 11	23 24	1 48	11 26	2 26	15 25	1 25	24 43	0 56	2 32	1 37	2 40	2 18	3 6	0 40	23 9	0 33	15 18	4 27	16 37	16 40	21 12		n.a.
S 31	12n50	25n58	2n44	12n 5	2s 8	15n 0	1n25	24n42	0n57	2n30	1s37	2s42	2n18	3n 5	0n40	23n 9	0s33	15n18	4s27	16n36	16n39	21n14		n.a.

Julian Day Number = 1338122.5, Delta T = 07h18m13s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'45, Lahiri = -18°26'45 Julian Calendar 1 Aug. 1050 BCE == Greg. Calendar 22 July 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

SEPTEMBER 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 58 34	27♌36'33	29♊48	21°R53	25♌27	4♋50	9°R50	12♎ 5	23♍57	24♊18	26♉18	14°R58	15♉ 9	28♉25	n.a.	S 1
M 2	22 2 30	28°36'00	12♋ 4	20♌56	26°42	5°26	9♈46	12°11	24° 0	24°19	26°18	14♉52	15° 6	28°31	n.a.	M 2
T 3	22 6 27	29°35'29	24°38	20° 8	27°57	6° 2	9°41	12°17	24° 4	24°20	26°18	14°42	15° 3	28°38	n.a.	T 3
W 4	22 10 23	0♍35'00	7♌31	19°28	29°13	6°38	9°36	12°22	24° 7	24°21	26°18	14°31	14°59	28°44	n.a.	W 4
T 5	22 14 20	1°34'34	20°44	18°58	0♍28	7°13	9°32	12°28	24°11	24°22	26°18	14°19	14°56	28°51	n.a.	T 5
F 6	22 18 17	2°34'10	4♍15	18°39	1°43	7°49	9°27	12°34	24°14	24°23	26°18	14° 7	14°53	28°58	n.a.	F 6
S 7	22 22 13	3°33'48	18° 2	18°D31	2°59	8°24	9°21	12°40	24°18	24°24	26°R18	13°56	14°50	29° 4	n.a.	S 7
S 8	22 26 10	4°33'27	2♎ 0	18°34	4°14	9° 0	9°16	12°46	24°22	24°25	26°18	13°48	14°47	29°11	n.a.	S 8
M 9	22 30 6	5°33'09	16° 5	18°48	5°29	9°35	9°10	12°52	24°25	24°26	26°18	13°42	14°44	29°18	n.a.	M 9
T 10	22 34 3	6°32'53	0♏15	19°12	6°44	10°10	9° 5	12°58	24°29	24°27	26°18	13°39	14°40	29°24	n.a.	T 10
W11	22 37 59	7°32'39	14°25	19°45	8° 0	10°45	8°59	13° 4	24°32	24°28	26°18	13°D39	14°37	29°31	n.a.	W11
T 12	22 41 56	8°32'27	28°34	20°28	9°15	11°20	8°53	13°10	24°36	24°29	26°18	13°39	14°34	29°38	n.a.	T 12
F 13	22 45 52	9°32'16	12♐40	21°19	10°30	11°56	8°47	13°17	24°40	24°30	26°18	13°R39	14°31	29°44	n.a.	F 13
S 14	22 49 49	10°32'08	26°43	22°18	11°46	12°30	8°40	13°23	24°44	24°31	26°18	13°38	14°28	29°51	n.a.	S 14
S 15	22 53 45	11°32'01	10♑42	23°22	13° 1	13° 5	8°34	13°29	24°47	24°32	26°17	13°35	14°25	29°58	n.a.	S 15
M16	22 57 42	12°31'56	24°35	24°33	14°17	13°40	8°27	13°36	24°51	24°32	26°17	13°29	14°21	0♊ 4	n.a.	M16
T 17	23 1 39	13°31'53	8♒20	25°49	15°32	14°15	8°21	13°42	24°55	24°33	26°17	13°21	14°18	0°11	n.a.	T 17
W18	23 5 35	14°31'51	21°55	27° 9	16°47	14°50	8°14	13°48	24°58	24°34	26°17	13°11	14°15	0°18	n.a.	W18
T 19	23 9 32	15°31'52	5♓17	28°33	18° 3	15°24	8° 7	13°55	25° 2	24°35	26°16	13° 0	14°12	0°24	n.a.	T 19
F 20	23 13 28	16°31'54	18°24	29°59	19°18	15°59	8° 0	14° 1	25° 6	24°35	26°16	12°51	14° 9	0°31	n.a.	F 20
S 21	23 17 25	17°31'58	1♈14	1♍29	20°33	16°33	7°53	14° 8	25°10	24°36	26°16	12°42	14° 5	0°38	n.a.	S 21
S 22	23 21 21	18°32'05	13°48	3° 1	21°49	17° 7	7°45	14°14	25°13	24°36	26°15	12°36	14° 2	0°44	n.a.	S 22
M23	23 25 18	19°32'13	26° 6	4°34	23° 4	17°42	7°38	14°21	25°17	24°37	26°15	12°32	13°59	0°51	n.a.	M23
T 24	23 29 14	20°32'24	8♉11	6° 9	24°20	18°16	7°30	14°27	25°21	24°37	26°15	12°D30	13°56	0°57	n.a.	T 24
W25	23 33 11	21°32'37	20° 5	7°45	25°35	18°50	7°23	14°34	25°25	24°38	26°14	12°31	13°53	1° 4	n.a.	W25
T 26	23 37 8	22°32'52	1♊54	9°22	26°50	19°24	7°15	14°41	25°28	24°38	26°14	12°32	13°50	1°11	n.a.	T 26
F 27	23 41 4	23°33'10	13°42	10°59	28° 6	19°58	7° 8	14°47	25°32	24°39	26°13	12°33	13°46	1°17	n.a.	F 27
S 28	23 45 1	24°33'29	25°34	12°37	29°21	20°32	7° 0	14°54	25°36	24°39	26°13	12°R34	13°43	1°24	n.a.	S 28
S 29	23 48 57	25°33'51	7♋36	14°15	0♎37	21° 6	6°52	15° 1	25°40	24°39	26°12	12°33	13°40	1°31	n.a.	S 29
M30	23 52 54	26♍34'15	19♋53	15♍53	1♎52	21♋39	6♈44	15♎ 8	25♍44	24♊40	26♉12	12♉30	13♉37	1♊37	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n30	27n23	3n34	12n44	1s49	14n34	1n25	24n42	0n58	2n29	1s37	2s45	2n17	3n 3	0n40	23n 9	0s33	15n18	4s27	16n35	16n38	21n17		n.a.
M 2	12 9	27 29	4 14	13 21	1 29	14 8	1 24	24 41	0 59	2 27	1 37	2 47	2 17	3 2	0 40	23 9	0 33	15 18	4 27	16 33	16 37	21 19		n.a.
T 3	11 48	26 11	4 44	13 55	1 9	13 41	1 24	24 40	1 0	2 25	1 37	2 50	2 17	3 1	0 40	23 9	0 33	15 18	4 27	16 30	16 36	21 21		n.a.
W 4	11 27	23 30	4 59	14 27	0 49	13 14	1 24	24 39	1 0	2 23	1 37	2 52	2 17	2 59	0 40	23 9	0 33	15 18	4 27	16 27	16 36	21 24		n.a.
T 5	11 5	19 32	5 0	14 55	0 29	12 47	1 24	24 38	1 1	2 21	1 38	2 55	2 17	2 58	0 40	23 9	0 33	15 18	4 27	16 23	16 35	21 26		n.a.
F 6	10 43	14 29	4 43	15 19	0 10	12 19	1 23	24 37	1 2	2 18	1 38	2 57	2 17	2 56	0 40	23 9	0 33	15 18	4 27	16 20	16 34	21 28		n.a.
S 7	10 22	8 38	4 10	15 39	0n 8	11 51	1 23	24 36	1 3	2 16	1 38	2 59	2 17	2 55	0 40	23 9	0 33	15 18	4 27	16 16	16 33	21 31		n.a.
S 8	10 0	2 17	3 22	15 54	0 25	11 23	1 22	24 34	1 4	2 14	1 38	3 2	2 16	2 53	0 40	23 9	0 33	15 18	4 28	16 14	16 32	21 33		n.a.
M 9	9 37	4s16	2 21	16 4	0 40	10 55	1 22	24 32	1 4	2 12	1 38	3 4	2 16	2 52	0 40	23 9	0 33	15 18	4 28	16 12	16 31	21 35		n.a.
T 10	9 15	10 38	1 11	16 10	0 55	10 26	1 21	24 30	1 5	2 9	1 38	3 7	2 16	2 50	0 40	23 9	0 33	15 18	4 28	16 11	16 30	21 37		n.a.
W11	8 52	16 29	0s 4	16 11	1 7	9 56	1 20	24 28	1 6	2 7	1 38	3 10	2 16	2 49	0 40	23 9	0 33	15 18	4 28	16 11	16 29	21 40		n.a.
T 12	8 30	21 26	1 19	16 8	1 19	9 27	1 19	24 26	1 7	2 4	1 38	3 12	2 16	2 47	0 40	23 9	0 33	15 18	4 28	16 11	16 28	21 42		n.a.
F 13	8 7	25 8	2 28	16 1	1 28	8 57	1 19	24 24	1 8	2 2	1 39	3 15	2 16	2 46	0 40	23 9	0 33	15 18	4 28	16 11	16 27	21 44		n.a.
S 14	7 44	27 15	3 29	15 50	1 37	8 27	1 18	24 21	1 8	1 59	1 39	3 17	2 16	2 44	0 40	23 9	0 33	15 18	4 28	16 11	16 26	21 47		n.a.
S 15	7 21	27 38	4 16	15 35	1 44	7 57	1 17	24 19	1 9	1 56	1 39	3 20	2 15	2 43	0 40	23 9	0 33	15 18	4 28	16 10	16 25	21 49		n.a.
M16	6 58	26 16	4 48	15 16	1 50	7 27	1 16	24 16	1 10	1 54	1 39	3 22	2 15	2 41	0 40	23 9	0 33	15 17	4 28	16 8	16 24	21 51		n.a.
T 17	6 34	23 20	5 3	14 55	1 55	6 56	1 15	24 13	1 11	1 51	1 39	3 25	2 15	2 40	0 40	23 9	0 33	15 17	4 28	16 6	16 23	21 53		n.a.
W18	6 11	19 9	5 1	14 30	1 58	6 25	1 13	24 10	1 12	1 48	1 39	3 28	2 15	2 38	0 40	23 9	0 33	15 17	4 28	16 3	16 22	21 56		n.a.
T 19	5 48	14 5	4 42	14 3	2 1	5 54	1 12	24 7	1 13	1 45	1 39	3 30	2 15	2 37	0 40	23 9	0 33	15 17	4 28	16 0	16 21	21 58		n.a.
F 20	5 24	8 27	4 8	13 33	2 2	5 23	1 11	24 4	1 13	1 42	1 39	3 33	2 15	2 35	0 40	23 9	0 33	15 17	4 28	15 56	16 20	22 0		n.a.
S 21	5 0	2 35	3 23	13 2	2 3	4 52	1 10	24 0	1 14	1 39	1 39	3 36	2 15	2 34	0 40	23 9	0 33	15 17	4 28	15 54	16 19	22 3		n.a.
S 22	4 36	3n16	2 28	12 28	2 3	4 20	1 8	23 57	1 15	1 36	1 39	3 38	2 15	2 32	0 40	23 9	0 33	15 17	4 28	15 52	16 18	22 5		n.a.
M23	4 12	8 53	1 27	11 53	2 2	3 49	1 7	23 53	1 16	1 33	1 39	3 41	2 14	2 31	0 40	23 9	0 33	15 17	4 28	15 51	16 17	22 7		n.a.
T 24	3 48	14 5	0 23	11 16	2 1	3 17	1 6	23 49	1 17	1 30	1 39	3 44	2 14	2 29	0 40	23 10	0 33	15 17	4 28	15 50	16 16	22 9		n.a.
W25	3 24	18 42	0n41	10 38	1 59	2 46	1 4	23 45	1 18	1 27	1 39	3 46	2 14	2 28	0 40	23 10	0 33	15 16	4 28	15 50	16 15	22 11		n.a.
T 26	3 0	22 33	1 43	9 58	1 56	2 14	1 2	23 41	1 19	1 24	1 39	3 49	2 14	2 26	0 40	23 10	0 33	15 16	4 28	15 51	16 14	22 14		n.a.
F 27	2 36	25 28	2 40	9 18	1 53	1 42	1 1	23 37	1 19	1 21	1 39	3 52	2 14	2 25	0 40	23 10	0 33	15 16	4 28	15 51	16 14	22 16		n.a.
S 28	2 12	27 16	3 31	8 37	1 49	1 10	0 59	23 33	1 20	1 18	1 39	3 55	2 14	2 23	0 40	23 10	0 33	15 16	4 28	15 51	16 13	22 18		n.a.
S 29	1 47	27 49	4 14	7 55	1 45	0 38	0 57	23 28	1 21	1 15	1 39	3 57	2 14	2 22	0 40	23 10	0 33	15 16	4 28	15 51	16 12	22 20		n.a.
M30	1n23	27n 2	4n46	7n12	1n41	0n 6	0n56	23n24	1n22	1n12	1s39	4s 0	2n14	2n20	0n40	23n10	0s33	15n16	4s29	15n50	16n11	22n23		n.a.

Julian Day Number = 1338153.5, Delta T = 07h18m11s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'41, Lahiri = -18°26'41 Julian Calendar 1 Sept. 1050 BCE == Greg. Calendar 22 Aug. 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

OCTOBER 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 56 50	27♍34'40	2♌29	17♍32	3♎ 8	22♋13	6°R36	15♎14	25♍47	24♊40	26°R11	12°R25	13♉34	1♊44	n.a.	T 1
W 2	0 0 47	28°35'08	15°27	19°10	4°23	22°46	6♈28	15°21	25°51	24°40	26♉11	12♉19	13°31	1°51	n.a.	W 2
T 3	0 4 43	29°35'38	28°49	20°48	5°38	23°20	6°20	15°28	25°55	24°40	26°10	12°11	13°27	1°57	n.a.	T 3
F 4	0 8 40	0♎36'10	12♍35	22°26	6°54	23°53	6°12	15°35	25°59	24°40	26°10	12° 4	13°24	2° 4	n.a.	F 4
S 5	0 12 37	1°36'43	26°41	24° 4	8° 9	24°26	6° 4	15°42	26° 2	24°41	26° 9	11°58	13°21	2°11	n.a.	S 5
S 6	0 16 33	2°37'18	11♎ 3	25°42	9°25	24°59	5°55	15°49	26° 6	24°41	26° 8	11°53	13°18	2°17	n.a.	S 6
M 7	0 20 30	3°37'55	25°36	27°20	10°40	25°32	5°47	15°56	26°10	24°41	26° 8	11°50	13°15	2°24	n.a.	M 7
T 8	0 24 26	4°38'34	10♏12	28°57	11°56	26° 5	5°39	16° 3	26°14	24°R41	26° 7	11°D49	13°11	2°31	n.a.	T 8
W 9	0 28 23	5°39'14	24°47	0♎34	13°11	26°38	5°31	16°10	26°17	24°41	26° 6	11°49	13° 8	2°37	n.a.	W 9
T 10	0 32 19	6°39'55	9♐14	2°11	14°26	27°11	5°23	16°17	26°21	24°41	26° 6	11°50	13° 5	2°44	n.a.	T 10
F 11	0 36 16	7°40'38	23°31	3°47	15°42	27°43	5°14	16°23	26°25	24°40	26° 5	11°52	13° 2	2°51	n.a.	F 11
S 12	0 40 12	8°41'22	7♑35	5°24	16°57	28°16	5° 6	16°30	26°29	24°40	26° 4	11°R53	12°59	2°57	n.a.	S 12
S 13	0 44 9	9°42'07	21°26	7° 0	18°13	28°48	4°58	16°37	26°32	24°40	26° 3	11°52	12°56	3° 4	n.a.	S 13
M14	0 48 6	10°42'54	5♒ 4	8°36	19°28	29°20	4°50	16°44	26°36	24°40	26° 3	11°50	12°52	3°11	n.a.	M14
T 15	0 52 2	11°43'41	18°28	10°11	20°44	29°53	4°42	16°51	26°40	24°40	26° 2	11°46	12°49	3°17	n.a.	T 15
W16	0 55 59	12°44'30	1♓38	11°46	21°59	0♌25	4°34	16°58	26°43	24°40	26° 1	11°42	12°46	3°24	n.a.	W16
T 17	0 59 55	13°45'20	14°36	13°22	23°14	0°56	4°26	17° 6	26°47	24°39	26° 0	11°37	12°43	3°31	n.a.	T 17
F 18	1 3 52	14°46'11	27°20	14°57	24°30	1°28	4°18	17°13	26°51	24°39	25°59	11°32	12°40	3°37	n.a.	F 18
S 19	1 7 48	15°47'03	9♈51	16°31	25°45	2° 0	4°10	17°20	26°54	24°39	25°58	11°29	12°36	3°44	n.a.	S 19
S 20	1 11 45	16°47'56	22°11	18° 6	27° 0	2°31	4° 2	17°27	26°58	24°38	25°57	11°26	12°33	3°50	n.a.	S 20
M21	1 15 41	17°48'51	4♉19	19°40	28°16	3° 3	3°55	17°34	27° 2	24°38	25°56	11°24	12°30	3°57	n.a.	M21
T 22	1 19 38	18°49'48	16°18	21°15	29°31	3°34	3°47	17°41	27° 5	24°37	25°56	11°D24	12°27	4° 4	n.a.	T 22
W23	1 23 34	19°50'45	28°10	22°49	0♏46	4° 5	3°39	17°48	27° 9	24°37	25°55	11°25	12°24	4°10	n.a.	W23
T 24	1 27 31	20°51'44	9♊58	24°23	2° 2	4°36	3°32	17°55	27°12	24°36	25°54	11°27	12°21	4°17	n.a.	T 24
F 25	1 31 28	21°52'45	21°46	25°57	3°17	5° 7	3°24	18° 2	27°16	24°36	25°53	11°29	12°17	4°24	n.a.	F 25
S 26	1 35 24	22°53'46	3♋38	27°31	4°32	5°38	3°17	18° 9	27°19	24°35	25°52	11°30	12°14	4°30	n.a.	S 26
S 27	1 39 21	23°54'50	15°38	29° 5	5°48	6° 8	3°10	18°16	27°23	24°34	25°51	11°31	12°11	4°37	n.a.	S 27
M28	1 43 17	24°55'54	27°52	0♏39	7° 3	6°39	3° 3	18°23	27°26	24°34	25°50	11°R31	12° 8	4°44	n.a.	M28
T 29	1 47 14	25°57'00	10♌24	2°13	8°18	7° 9	2°56	18°30	27°30	24°33	25°49	11°31	12° 5	4°50	n.a.	T 29
W30	1 51 10	26°58'06	23°18	3°46	9°34	7°39	2°49	18°37	27°33	24°32	25°48	11°29	12° 2	4°57	n.a.	W30
T 31	1 55 7	27♎59'14	6♍37	5♏20	10♏49	8♌ 9	2♈42	18♎44	27♍37	24♊32	25♉46	11♉28	11♉58	5♊ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0n59	24n51	5n 5	6n29	1n36	0s26	0n54	23n19	1n23	1n 9	1s39	4s 3	2n14	2n19	0n40	23n10	0s33	15n16	4s29	15n49	16n10	22n25			n.a.
W 2	0 34	21 22	5 9	5 45	1 31	0 58	0 52	23 15	1 24	1 5	1 39	4 5	2 14	2 17	0 40	23 10	0 33	15 15	4 29	15 47	16 9	22 27			n.a.
T 3	0 10	16 41	4 56	5 1	1 26	1 31	0 50	23 10	1 25	1 2	1 39	4 8	2 13	2 16	0 40	23 10	0 33	15 15	4 29	15 44	16 8	22 29			n.a.
F 4	0s15	11 2	4 27	4 17	1 21	2 3	0 48	23 5	1 26	0 59	1 39	4 11	2 13	2 14	0 40	23 10	0 33	15 15	4 29	15 42	16 7	22 31			n.a.
S 5	0 39	4 42	3 41	3 32	1 15	2 35	0 46	23 0	1 27	0 56	1 39	4 14	2 13	2 12	0 40	23 10	0 33	15 15	4 29	15 40	16 6	22 34			n.a.
S 6	1 4	2s 0	2 39	2 48	1 9	3 7	0 44	22 55	1 28	0 52	1 39	4 16	2 13	2 11	0 40	23 10	0 33	15 15	4 29	15 38	16 5	22 36			n.a.
M 7	1 28	8 42	1 27	2 3	1 3	3 39	0 42	22 49	1 29	0 49	1 39	4 19	2 13	2 9	0 40	23 10	0 33	15 14	4 29	15 38	16 4	22 38			n.a.
T 8	1 52	14 59	0 9	1 18	0 57	4 10	0 40	22 44	1 29	0 46	1 39	4 22	2 13	2 8	0 40	23 10	0 33	15 14	4 29	15 37	16 3	22 40			n.a.
W 9	2 17	20 24	1s10	0 33	0 51	4 42	0 38	22 38	1 30	0 43	1 39	4 25	2 13	2 6	0 40	23 10	0 33	15 14	4 29	15 37	16 2	22 42			n.a.
T 10	2 41	24 34	2 24	0s12	0 45	5 14	0 36	22 33	1 31	0 40	1 39	4 27	2 13	2 5	0 40	23 10	0 33	15 14	4 29	15 38	16 1	22 44			n.a.
F 11	3 6	27 8	3 28	0 57	0 39	5 45	0 34	22 27	1 32	0 36	1 39	4 30	2 13	2 3	0 40	23 10	0 33	15 14	4 29	15 38	16 0	22 46			n.a.
S 12	3 30	27 54	4 19	1 41	0 32	6 17	0 32	22 22	1 33	0 33	1 39	4 33	2 13	2 2	0 40	23 10	0 33	15 13	4 29	15 38	15 59	22 49			n.a.
S 13	3 54	26 54	4 53	2 26	0 26	6 48	0 29	22 16	1 34	0 30	1 39	4 36	2 13	2 0	0 40	23 9	0 33	15 13	4 29	15 38	15 58	22 51			n.a.
M14	4 18	24 19	5 11	3 10	0 19	7 19	0 27	22 10	1 35	0 27	1 39	4 39	2 13	1 59	0 40	23 9	0 33	15 13	4 29	15 38	15 57	22 53			n.a.
T 15	4 43	20 27	5 11	3 54	0 13	7 50	0 25	22 4	1 36	0 24	1 38	4 41	2 13	1 57	0 40	23 9	0 33	15 13	4 29	15 37	15 56	22 55			n.a.
W16	5 7	15 38	4 54	4 38	0 6	8 21	0 23	21 58	1 37	0 21	1 38	4 44	2 13	1 56	0 40	23 9	0 33	15 13	4 29	15 35	15 55	22 57			n.a.
T 17	5 31	10 11	4 23	5 22	0s 0	8 51	0 20	21 52	1 38	0 17	1 38	4 47	2 13	1 54	0 40	23 9	0 33	15 12	4 29	15 34	15 54	22 59			n.a.
F 18	5 55	4 25	3 39	6 5	0 7	9 22	0 18	21 46	1 39	0 14	1 38	4 50	2 13	1 53	0 40	23 9	0 33	15 12	4 29	15 32	15 53	23 1			n.a.
S 19	6 18	1n27	2 45	6 48	0 13	9 52	0 16	21 39	1 40	0 11	1 38	4 52	2 13	1 52	0 40	23 9	0 33	15 12	4 29	15 31	15 52	23 3			n.a.
S 20	6 42	7 10	1 44	7 31	0 20	10 22	0 13	21 33	1 41	0 8	1 38	4 55	2 13	1 50	0 40	23 9	0 33	15 12	4 29	15 30	15 51	23 6			n.a.
M21	7 6	12 33	0 39	8 13	0 26	10 51	0 11	21 27	1 42	0 5	1 38	4 58	2 13	1 49	0 40	23 9	0 33	15 12	4 29	15 30	15 50	23 8			n.a.
T 22	7 29	17 25	0n27	8 55	0 33	11 21	0 8	21 20	1 43	0 3	1 37	5 0	2 13	1 47	0 40	23 9	0 33	15 11	4 29	15 30	15 49	23 10			n.a.
W23	7 53	21 33	1 31	9 37	0 39	11 50	0 6	21 14	1 44	0s 0	1 37	5 3	2 13	1 46	0 40	23 9	0 33	15 11	4 29	15 30	15 48	23 12			n.a.
T 24	8 16	24 48	2 31	10 18	0 45	12 19	0 4	21 7	1 45	0 3	1 37	5 6	2 13	1 44	0 40	23 9	0 33	15 11	4 29	15 30	15 47	23 14			n.a.
F 25	8 39	26 58	3 25	10 58	0 51	12 47	0 1	21 1	1 46	0 6	1 37	5 9	2 13	1 43	0 40	23 9	0 33	15 11	4 29	15 31	15 46	23 16			n.a.
S 26	9 2	27 56	4 10	11 38	0 57	13 15	0s 1	20 54	1 47	0 9	1 37	5 11	2 12	1 42	0 40	23 9	0 33	15 10	4 29	15 31	15 45	23 18			n.a.
S 27	9 25	27 36	4 45	12 18	1 3	13 43	0 4	20 47	1 48	0 11	1 36	5 14	2 12	1 40	0 40	23 9	0 33	15 10	4 29	15 32	15 44	23 20			n.a.
M28	9 48	25 56	5 8	12 57	1 9	14 11	0 6	20 40	1 50	0 14	1 36	5 17	2 12	1 39	0 40	23 9	0 33	15 10	4 29	15 32	15 43	23 22			n.a.
T 29	10 11	22 59	5 17	13 35	1 14	14 38	0 9	20 34	1 51	0 17	1 36	5 19	2 12	1 37	0 40	23 9	0 33	15 10	4 29	15 32	15 42	23 24			n.a.
W30	10 33	18 50	5 10	14 13	1 20	15 5	0 11	20 27	1 52	0 19	1 36	5 22	2 12	1 36	0 40	23 9	0 33	15 9	4 29	15 31	15 41	23 26			n.a.
T 31	10s56	13n39	4n47	14s50	1s25	15s31	0s13	20n20	1n53	0s22	1s35	5s25	2n12	1n35	0n40	23n 9	0s33	15n 9	4s29	15n31	15n40	23n28			n.a.

Julian Day Number = 1338183.5, Delta T = 07h18m10s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'37, Lahiri = -18°26'37 Julian Calendar 1 Oct. 1050 BCE == Greg. Calendar 21 Sept. 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

NOVEMBER 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 59 4	29♎ 0'23	20♍23	6♏54	12♏ 4	8♌39	2°R36	18♎51	27♍40	24°R31	25°R45	11°R26	11♉55	5♊10	n.a.	F 1
S 2	2 3 0	0♏ 1'34	4♎36	8°28	13°20	9° 8	2♈29	18°58	27°43	24♊30	25♉44	11♉24	11°52	5°17	n.a.	S 2
S 3	2 6 57	1° 2'45	19°10	10° 2	14°35	9°38	2°23	19° 5	27°47	24°29	25°43	11°23	11°49	5°24	n.a.	S 3
M 4	2 10 53	2° 3'57	4♏ 2	11°36	15°50	10° 7	2°17	19°11	27°50	24°28	25°42	11°D23	11°46	5°30	n.a.	M 4
T 5	2 14 50	3° 5'09	19° 2	13° 9	17° 5	10°36	2°11	19°18	27°53	24°27	25°41	11°23	11°42	5°37	n.a.	T 5
W 6	2 18 46	4° 6'23	4♐ 2	14°43	18°21	11° 5	2° 5	19°25	27°57	24°27	25°40	11°23	11°39	5°44	n.a.	W 6
T 7	2 22 43	5° 7'37	18°55	16°17	19°36	11°34	1°59	19°32	28° 0	24°26	25°39	11°24	11°36	5°50	n.a.	T 7
F 8	2 26 39	6° 8'51	3♑33	17°51	20°51	12° 3	1°54	19°39	28° 3	24°25	25°38	11°24	11°33	5°57	n.a.	F 8
S 9	2 30 36	7°10'06	17°52	19°24	22° 6	12°31	1°48	19°46	28° 6	24°24	25°36	11°25	11°30	6° 4	n.a.	S 9
S 10	2 34 33	8°11'21	1♒49	20°58	23°22	12°59	1°43	19°53	28° 9	24°23	25°35	11°25	11°27	6°10	n.a.	S 10
M11	2 38 29	9°12'36	15°24	22°31	24°37	13°27	1°38	19°59	28°12	24°21	25°34	11°R25	11°23	6°17	n.a.	M11
T 12	2 42 26	10°13'51	28°39	24° 4	25°52	13°55	1°33	20° 6	28°15	24°20	25°33	11°25	11°20	6°24	n.a.	T 12
W13	2 46 22	11°15'07	11♓34	25°36	27° 7	14°23	1°29	20°13	28°19	24°19	25°32	11°D25	11°17	6°30	n.a.	W13
T 14	2 50 19	12°16'22	24°14	27° 9	28°22	14°50	1°24	20°20	28°22	24°18	25°31	11°25	11°14	6°37	n.a.	T 14
F 15	2 54 15	13°17'38	6♈39	28°40	29°37	15°17	1°20	20°26	28°24	24°17	25°29	11°25	11°11	6°44	n.a.	F 15
S 16	2 58 12	14°18'53	18°54	0♐11	0♐53	15°44	1°16	20°33	28°27	24°16	25°28	11°25	11° 8	6°50	n.a.	S 16
S 17	3 2 8	15°20'09	0♉59	1°41	2° 8	16°11	1°12	20°40	28°30	24°15	25°27	11°25	11° 4	6°57	n.a.	S 17
M18	3 6 5	16°21'25	12°57	3°11	3°23	16°37	1° 8	20°46	28°33	24°13	25°26	11°R25	11° 1	7° 4	n.a.	M18
T 19	3 10 2	17°22'42	24°49	4°38	4°38	17° 4	1° 4	20°53	28°36	24°12	25°25	11°25	10°58	7°10	n.a.	T 19
W20	3 13 58	18°23'58	6♊39	6° 5	5°53	17°30	1° 1	20°59	28°39	24°11	25°23	11°25	10°55	7°17	n.a.	W20
T 21	3 17 55	19°25'15	18°27	7°30	7° 8	17°56	0°58	21° 6	28°42	24° 9	25°22	11°24	10°52	7°24	n.a.	T 21
F 22	3 21 51	20°26'32	0♋17	8°52	8°23	18°21	0°55	21°12	28°44	24° 8	25°21	11°22	10°48	7°30	n.a.	F 22
S 23	3 25 48	21°27'49	12°11	10°12	9°38	18°46	0°52	21°19	28°47	24° 7	25°20	11°21	10°45	7°37	n.a.	S 23
S 24	3 29 44	22°29'06	24°12	11°29	10°53	19°12	0°49	21°25	28°50	24° 5	25°18	11°20	10°42	7°44	n.a.	S 24
M25	3 33 41	23°30'23	6♌25	12°43	12° 8	19°36	0°47	21°31	28°52	24° 4	25°17	11°18	10°39	7°50	n.a.	M25
T 26	3 37 38	24°31'41	18°53	13°52	13°23	20° 1	0°45	21°38	28°55	24° 3	25°16	11°D18	10°36	7°57	n.a.	T 26
W27	3 41 34	25°32'59	1♍40	14°57	14°38	20°25	0°43	21°44	28°57	24° 1	25°15	11°18	10°33	8° 4	n.a.	W27
T 28	3 45 31	26°34'16	14°50	15°56	15°53	20°49	0°41	21°50	29° 0	24° 0	25°14	11°18	10°29	8°10	n.a.	T 28
F 29	3 49 27	27°35'34	28°26	16°49	17° 8	21°13	0°40	21°56	29° 2	23°58	25°12	11°20	10°26	8°17	n.a.	F 29
S 30	3 53 24	28♏36'52	12♎29	17♐34	18♐23	21♌36	0♈38	22♎ 2	29♍ 4	23♊57	25♉11	11♉21	10♉23	8♊24	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s18	7n38	4n 7	15s27	1s30	15s57	0s16	20n13	1n54	0s24	1s35	5s27	2n13	1n33	0n40	23n 9	0s33	15n 9	4s29	15n30	15n39	23n30		n.a.
S 2	11 40	1 3	3 10	16 3	1 35	16 23	0 18	20 6	1 55	0 27	1 35	5 30	2 13	1 32	0 40	23 9	0 33	15 9	4 29	15 30	15 38	23 32		n.a.
S 3	12 1	5s46	2 0	16 38	1 40	16 48	0 21	19 59	1 56	0 29	1 35	5 33	2 13	1 31	0 40	23 9	0 33	15 8	4 29	15 29	15 37	23 34		n.a.
M 4	12 23	12 26	0 41	17 12	1 44	17 13	0 23	19 52	1 57	0 31	1 34	5 35	2 13	1 29	0 40	23 9	0 33	15 8	4 29	15 29	15 36	23 36		n.a.
T 5	12 44	18 26	0s42	17 45	1 48	17 37	0 26	19 45	1 58	0 33	1 34	5 38	2 13	1 28	0 40	23 9	0 33	15 8	4 29	15 29	15 35	23 38		n.a.
W 6	13 5	23 18	2 3	18 18	1 52	18 1	0 28	19 38	2 0	0 35	1 34	5 41	2 13	1 27	0 40	23 9	0 33	15 8	4 29	15 29	15 34	23 40		n.a.
T 7	13 26	26 34	3 14	18 49	1 56	18 24	0 30	19 31	2 1	0 38	1 34	5 43	2 13	1 25	0 40	23 9	0 33	15 7	4 29	15 29	15 33	23 42		n.a.
F 8	13 47	27 57	4 11	19 20	1 59	18 47	0 33	19 24	2 2	0 39	1 33	5 46	2 13	1 24	0 40	23 9	0 33	15 7	4 29	15 30	15 32	23 44		n.a.
S 9	14 7	27 25	4 51	19 49	2 2	19 9	0 35	19 17	2 3	0 41	1 33	5 48	2 13	1 23	0 40	23 9	0 33	15 7	4 29	15 30	15 31	23 46		n.a.
S 10	14 28	25 9	5 13	20 17	2 5	19 31	0 37	19 10	2 4	0 43	1 33	5 51	2 13	1 22	0 40	23 9	0 33	15 7	4 29	15 30	15 30	23 48		n.a.
M11	14 48	21 30	5 17	20 45	2 8	19 52	0 40	19 3	2 6	0 45	1 32	5 54	2 13	1 20	0 40	23 9	0 33	15 6	4 29	15 30	15 29	23 50		n.a.
T 12	15 7	16 52	5 4	21 11	2 10	20 13	0 42	18 56	2 7	0 47	1 32	5 56	2 13	1 19	0 40	23 9	0 33	15 6	4 29	15 30	15 28	23 52		n.a.
W13	15 27	11 33	4 35	21 35	2 11	20 33	0 44	18 49	2 8	0 48	1 32	5 59	2 13	1 18	0 40	23 8	0 33	15 6	4 29	15 30	15 27	23 54		n.a.
T 14	15 46	5 53	3 53	21 58	2 12	20 52	0 46	18 42	2 9	0 50	1 32	6 1	2 13	1 17	0 40	23 8	0 33	15 6	4 29	15 30	15 26	23 56		n.a.
F 15	16 5	0 5	3 2	22 20	2 13	21 11	0 49	18 35	2 10	0 51	1 31	6 4	2 13	1 16	0 40	23 8	0 33	15 5	4 29	15 30	15 25	23 58		n.a.
S 16	16 23	5n38	2 2	22 41	2 13	21 29	0 51	18 28	2 12	0 53	1 31	6 6	2 13	1 14	0 40	23 8	0 33	15 5	4 29	15 30	15 24	24 0		n.a.
S 17	16 42	11 6	0 58	22 59	2 12	21 47	0 53	18 21	2 13	0 54	1 31	6 9	2 13	1 13	0 40	23 8	0 33	15 5	4 29	15 30	15 23	24 2		n.a.
M18	17 0	16 6	0n 8	23 16	2 11	22 4	0 55	18 14	2 14	0 55	1 30	6 11	2 13	1 12	0 40	23 8	0 33	15 5	4 29	15 30	15 22	24 4		n.a.
T 19	17 17	20 28	1 14	23 32	2 10	22 20	0 57	18 7	2 16	0 56	1 30	6 13	2 13	1 11	0 40	23 8	0 33	15 4	4 29	15 30	15 21	24 6		n.a.
W20	17 35	23 59	2 16	23 45	2 7	22 36	0 59	18 0	2 17	0 57	1 30	6 16	2 13	1 10	0 41	23 8	0 33	15 4	4 29	15 30	15 20	24 8		n.a.
T 21	17 52	26 29	3 11	23 57	2 4	22 51	1 1	17 53	2 18	0 58	1 29	6 18	2 13	1 9	0 41	23 8	0 33	15 4	4 29	15 29	15 19	24 10		n.a.
F 22	18 9	27 49	3 59	24 7	2 0	23 6	1 3	17 47	2 19	0 59	1 29	6 21	2 13	1 8	0 41	23 8	0 33	15 4	4 29	15 29	15 18	24 12		n.a.
S 23	18 25	27 51	4 37	24 14	1 55	23 19	1 5	17 40	2 21	1 0	1 29	6 23	2 13	1 7	0 41	23 8	0 33	15 3	4 28	15 29	15 17	24 14		n.a.
S 24	18 41	26 35	5 3	24 20	1 50	23 32	1 7	17 33	2 22	1 1	1 28	6 25	2 14	1 6	0 41	23 8	0 33	15 3	4 28	15 28	15 16	24 15		n.a.
M25	18 57	24 3	5 16	24 23	1 43	23 45	1 9	17 26	2 23	1 2	1 28	6 28	2 14	1 5	0 41	23 8	0 33	15 3	4 28	15 28	15 15	24 17		n.a.
T 26	19 12	20 22	5 14	24 24	1 35	23 56	1 11	17 20	2 25	1 2	1 28	6 30	2 14	1 4	0 41	23 8	0 33	15 3	4 28	15 28	15 14	24 19		n.a.
W27	19 27	15 40	4 57	24 23	1 27	24 7	1 12	17 13	2 26	1 3	1 27	6 32	2 14	1 3	0 41	23 8	0 33	15 2	4 28	15 28	15 13	24 21		n.a.
T 28	19 42	10 7	4 24	24 20	1 17	24 17	1 14	17 7	2 28	1 3	1 27	6 34	2 14	1 2	0 41	23 8	0 33	15 2	4 28	15 28	15 12	24 23		n.a.
F 29	19 56	3 55	3 36	24 15	1 5	24 27	1 16	17 0	2 29	1 3	1 27	6 37	2 14	1 1	0 41	23 8	0 33	15 2	4 28	15 28	15 11	24 25		n.a.
S 30	20s10	2s40	2n33	24s 7	0s53	24s35	1s17	16n54	2n30	1s 4	1s26	6s39	2n14	1n 0	0n41	23n 8	0s33	15n 2	4s28	15n29	15n10	24n27		n.a.

Julian Day Number = 1338214.5, Delta T = 07h18m08s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'33, Lahiri = -18°26'33 Julian Calendar 1 Nov. 1050 BCE == Greg. Calendar 22 Oct. 1050 BCE

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ASTRODIENST EPHEMERIS for the year 1050 BCE
geocentric

DECEMBER 1050 BCE (-1049) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 20	29♏38'10	26♎59	18♐12	19♐38	22♌ 0	0°R37	22♎ 8	29♍ 7	23°R55	25°R10	11♉22	10♉20	8♊30	n.a.	S 1
M 2	4 1 17	0♐39'27	11♏51	18°40	20°53	22°22	0♈36	22°14	29° 9	23♊54	25♉ 9	11°R22	10°17	8°37	n.a.	M 2
T 3	4 5 13	1°40'45	26°59	18°59	22° 8	22°45	0°36	22°20	29°11	23°52	25° 7	11°22	10°13	8°44	n.a.	T 3
W 4	4 9 10	2°42'02	12♐15	19°R 7	23°23	23° 7	0°35	22°26	29°13	23°51	25° 6	11°20	10°10	8°50	n.a.	W 4
T 5	4 13 7	3°43'18	27°27	19° 4	24°38	23°29	0°35	22°32	29°16	23°49	25° 5	11°17	10° 7	8°57	n.a.	T 5
F 6	4 17 3	4°44'34	12♑26	18°49	25°52	23°50	0°D35	22°38	29°18	23°48	25° 4	11°14	10° 4	9° 4	n.a.	F 6
S 7	4 21 0	5°45'49	27° 4	18°22	27° 7	24°12	0°35	22°44	29°20	23°46	25° 3	11°11	10° 1	9°10	n.a.	S 7
S 8	4 24 56	6°47'04	11♒16	17°44	28°22	24°32	0°35	22°50	29°22	23°44	25° 1	11° 8	9°58	9°17	n.a.	S 8
M 9	4 28 53	7°48'17	25° 0	16°55	29°37	24°53	0°36	22°55	29°24	23°43	25° 0	11° 6	9°54	9°24	n.a.	M 9
T 10	4 32 49	8°49'29	8♓17	15°56	0♑52	25°13	0°36	23° 1	29°26	23°41	24°59	11°D 5	9°51	9°30	n.a.	T 10
W11	4 36 46	9°50'40	21°10	14°49	2° 6	25°33	0°37	23° 6	29°28	23°40	24°58	11° 6	9°48	9°37	n.a.	W11
T 12	4 40 43	10°51'51	3♈42	13°37	3°21	25°52	0°38	23°12	29°29	23°38	24°57	11° 7	9°45	9°44	n.a.	T 12
F 13	4 44 39	11°53'00	15°57	12°20	4°36	26°11	0°40	23°17	29°31	23°36	24°55	11° 9	9°42	9°50	n.a.	F 13
S 14	4 48 36	12°54'08	28° 1	11° 2	5°50	26°30	0°41	23°23	29°33	23°35	24°54	11°11	9°39	9°57	n.a.	S 14
S 15	4 52 32	13°55'15	9♉56	9°46	7° 5	26°48	0°43	23°28	29°34	23°33	24°53	11°R11	9°35	10° 3	n.a.	S 15
M16	4 56 29	14°56'21	21°46	8°32	8°20	27° 6	0°45	23°33	29°36	23°31	24°52	11°11	9°32	10°10	n.a.	M16
T 17	5 0 25	15°57'26	3♊35	7°24	9°34	27°23	0°47	23°38	29°38	23°30	24°51	11° 8	9°29	10°17	n.a.	T 17
W18	5 4 22	16°58'30	15°23	6°22	10°49	27°40	0°50	23°44	29°39	23°28	24°50	11° 4	9°26	10°23	n.a.	W18
T 19	5 8 18	17°59'33	27°15	5°28	12° 3	27°56	0°52	23°49	29°41	23°26	24°49	10°58	9°23	10°30	n.a.	T 19
F 20	5 12 15	19° 0'36	9♋10	4°43	13°18	28°12	0°55	23°54	29°42	23°25	24°47	10°51	9°19	10°37	n.a.	F 20
S 21	5 16 12	20° 1'37	21°11	4° 7	14°32	28°28	0°58	23°59	29°43	23°23	24°46	10°44	9°16	10°44	n.a.	S 21
S 22	5 20 8	21° 2'37	3♌19	3°39	15°47	28°43	1° 1	24° 3	29°45	23°21	24°45	10°36	9°13	10°50	n.a.	S 22
M23	5 24 5	22° 3'36	15°38	3°21	17° 1	28°58	1° 4	24° 8	29°46	23°20	24°44	10°30	9°10	10°57	n.a.	M23
T 24	5 28 1	23° 4'34	28° 8	3°10	18°16	29°12	1° 8	24°13	29°47	23°18	24°43	10°25	9° 7	11° 4	n.a.	T 24
W25	5 31 58	24° 5'31	10♍54	3°D 8	19°30	29°26	1°12	24°17	29°48	23°16	24°42	10°22	9° 4	11°10	n.a.	W25
T 26	5 35 54	25° 6'28	23°57	3°14	20°44	29°39	1°16	24°22	29°49	23°14	24°41	10°D21	9° 0	11°17	n.a.	T 26
F 27	5 39 51	26° 7'23	7♎22	3°27	21°58	29°51	1°20	24°27	29°50	23°13	24°40	10°21	8°57	11°24	n.a.	F 27
S 28	5 43 48	27° 8'17	21°11	3°46	23°13	0♍ 3	1°24	24°31	29°51	23°11	24°39	10°22	8°54	11°30	n.a.	S 28
S 29	5 47 44	28° 9'10	5♏25	4°11	24°27	0°15	1°28	24°35	29°52	23° 9	24°38	10°R23	8°51	11°37	n.a.	S 29
M30	5 51 41	29°10'02	20° 2	4°42	25°41	0°26	1°33	24°40	29°53	23° 8	24°37	10°23	8°48	11°44	n.a.	M30
T 31	5 55 37	0♑10'53	4♐59	5♐18	26♑55	0♍36	1♈38	24♎44	29♍54	23♊ 6	24♉36	10♉21	8♉45	11♊50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s24	9s20	1n19	23s57	0s40	24s43	1s19	16n47	2n32	1s 4	1s26	6s41	2n14	0n59	0n41	23n 7	0s33	15n 2	4s28	15n29	15n 9	24n29			n.a.
M 2	20 37	15 40	0s 3	23 44	0 25	24 51	1 21	16 41	2 33	1 4	1 26	6 43	2 14	0 58	0 41	23 7	0 33	15 1	4 28	15 29	15 8	24 30			n.a.
T 3	20 50	21 11	1 25	23 30	0 9	24 57	1 22	16 35	2 35	1 4	1 25	6 45	2 14	0 57	0 41	23 7	0 33	15 1	4 28	15 29	15 7	24 32			n.a.
W 4	21 2	25 18	2 42	23 14	0n 8	25 3	1 23	16 29	2 36	1 4	1 25	6 48	2 14	0 56	0 41	23 7	0 33	15 1	4 28	15 28	15 6	24 34			n.a.
T 5	21 14	27 35	3 47	22 55	0 26	25 7	1 25	16 23	2 38	1 3	1 25	6 50	2 15	0 55	0 41	23 7	0 33	15 1	4 28	15 27	15 5	24 36			n.a.
F 6	21 25	27 48	4 36	22 35	0 45	25 11	1 26	16 17	2 39	1 3	1 24	6 52	2 15	0 55	0 41	23 7	0 33	15 0	4 28	15 26	15 4	24 38			n.a.
S 7	21 37	26 4	5 5	22 14	1 5	25 15	1 27	16 11	2 41	1 3	1 24	6 54	2 15	0 54	0 41	23 7	0 33	15 0	4 28	15 25	15 3	24 40			n.a.
S 8	21 47	22 42	5 15	21 51	1 24	25 17	1 29	16 6	2 42	1 2	1 24	6 56	2 15	0 53	0 41	23 7	0 33	15 0	4 28	15 24	15 2	24 41			n.a.
M 9	21 58	18 10	5 5	21 27	1 44	25 19	1 30	16 0	2 44	1 2	1 23	6 58	2 15	0 52	0 41	23 7	0 33	15 0	4 27	15 24	15 1	24 43			n.a.
T 10	22 7	12 54	4 40	21 2	2 3	25 20	1 31	15 55	2 45	1 1	1 23	7 0	2 15	0 51	0 41	23 7	0 33	15 0	4 27	15 24	15 0	24 45			n.a.
W11	22 17	7 14	4 1	20 37	2 20	25 20	1 32	15 49	2 47	1 0	1 23	7 2	2 15	0 51	0 41	23 7	0 33	14 59	4 27	15 24	14 59	24 47			n.a.
T 12	22 26	1 26	3 11	20 12	2 37	25 19	1 33	15 44	2 49	1 0	1 22	7 4	2 15	0 50	0 41	23 7	0 33	14 59	4 27	15 24	14 58	24 49			n.a.
F 13	22 34	4n19	2 14	19 48	2 51	25 18	1 33	15 39	2 50	0 59	1 22	7 6	2 16	0 49	0 41	23 7	0 33	14 59	4 27	15 25	14 57	24 50			n.a.
S 14	22 43	9 49	1 12	19 25	3 4	25 16	1 34	15 34	2 52	0 58	1 22	7 8	2 16	0 49	0 41	23 7	0 33	14 59	4 27	15 25	14 56	24 52			n.a.
S 15	22 50	14 55	0 7	19 4	3 14	25 13	1 35	15 29	2 53	0 57	1 21	7 9	2 16	0 48	0 41	23 6	0 33	14 59	4 27	15 26	14 55	24 54			n.a.
M16	22 57	19 25	0n58	18 45	3 22	25 9	1 36	15 24	2 55	0 56	1 21	7 11	2 16	0 47	0 41	23 6	0 33	14 58	4 27	15 25	14 54	24 56			n.a.
T 17	23 4	23 9	1 59	18 29	3 27	25 4	1 36	15 20	2 57	0 55	1 20	7 13	2 16	0 47	0 41	23 6	0 33	14 58	4 27	15 25	14 53	24 57			n.a.
W18	23 10	25 55	2 56	18 16	3 30	24 59	1 37	15 15	2 58	0 53	1 20	7 15	2 16	0 46	0 41	23 6	0 33	14 58	4 27	15 23	14 52	24 59			n.a.
T 19	23 16	27 32	3 45	18 6	3 31	24 53	1 37	15 11	3 0	0 52	1 20	7 17	2 16	0 46	0 41	23 6	0 33	14 58	4 27	15 21	14 51	25 1			n.a.
F 20	23 22	27 53	4 24	17 59	3 30	24 46	1 38	15 7	3 2	0 50	1 19	7 18	2 17	0 45	0 41	23 6	0 33	14 58	4 26	15 19	14 50	25 3			n.a.
S 21	23 26	26 55	4 52	17 55	3 27	24 38	1 38	15 3	3 3	0 49	1 19	7 20	2 17	0 45	0 41	23 6	0 33	14 58	4 26	15 17	14 49	25 4			n.a.
S 22	23 31	24 41	5 7	17 54	3 23	24 30	1 38	14 59	3 5	0 47	1 19	7 22	2 17	0 44	0 41	23 6	0 33	14 57	4 26	15 14	14 48	25 6			n.a.
M23	23 35	21 18	5 8	17 56	3 17	24 21	1 38	14 56	3 7	0 46	1 18	7 23	2 17	0 44	0 41	23 6	0 33	14 57	4 26	15 12	14 47	25 8			n.a.
T 24	23 38	16 54	4 55	18 1	3 10	24 11	1 39	14 52	3 9	0 44	1 18	7 25	2 17	0 43	0 42	23 6	0 33	14 57	4 26	15 11	14 46	25 10			n.a.
W25	23 41	11 42	4 27	18 8	3 3	24 0	1 39	14 49	3 10	0 42	1 18	7 26	2 17	0 43	0 42	23 6	0 33	14 57	4 26	15 10	14 45	25 11			n.a.
T 26	23 44	5 52	3 45	18 17	2 54	23 49	1 39	14 46	3 12	0 40	1 17	7 28	2 17	0 42	0 42	23 6	0 33	14 57	4 26	15 9	14 44	25 13			n.a.
F 27	23 46	0s24	2 49	18 29	2 45	23 37	1 38	14 43	3 14	0 38	1 17	7 29	2 18	0 42	0 42	23 6	0 33	14 57	4 26	15 10	14 43	25 15			n.a.
S 28	23 47	6 49	1 42	18 42	2 36	23 24	1 38	14 40	3 16	0 36	1 17	7 31	2 18	0 42	0 42	23 6	0 33	14 56	4 26	15 10	14 42	25 16			n.a.
S 29	23 49	13 7	0 27	18 56	2 26	23 11	1 38	14 38	3 17	0 34	1 16	7 32	2 18	0 41	0 42	23 5	0 33	14 56	4 26	15 10	14 41	25 18			n.a.
M30	23 49	18 52	0s52	19 11	2 16	22 57	1 38	14 36	3 19	0 32	1 16	7 34	2 18	0 41	0 42	23 5	0 33	14 56	4 25	15 10	14 40	25 20			n.a.
T 31	23s49	23s35	2s 9	19s28	2n 6	22s42	1s37	14n33	3n21	0s30	1s16	7s35	2n18	0n41	0n42	23n 5	0s33	14n56	4s25	15n10	14n38	25n21			n.a.

Julian Day Number = 1338244.5, Delta T = 07h18m07s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'29, Lahiri = -18°26'28 Julian Calendar 1 Dec. 1050 BCE == Greg. Calendar 21 Nov. 1050 BCE

The year -1049 astronomical counting style corresponds to year 1050 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

JANUARY 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 59 34	1♉11'43	20♐ 9	5♐59	28♉10	0♍46	1♈43	24♎48	29♍55	23°R 4	24°R35	10°R16	8♋41	11♊57	n.a.	W 1
T 2	6 3 30	2°12'31	5♉23	6°44	29°24	0°55	1°48	24°52	29°55	23♊ 3	24♋34	10♋ 9	8°38	12° 4	n.a.	T 2
F 3	6 7 27	3°13'18	20°29	7°32	0♒38	1° 4	1°54	24°56	29°56	23° 1	24°33	10° 1	8°35	12°10	n.a.	F 3
S 4	6 11 23	4°14'04	5♒18	8°24	1°52	1°12	1°59	25° 0	29°57	22°59	24°32	9°52	8°32	12°17	n.a.	S 4
S 5	6 15 20	5°14'47	19°43	9°20	3° 6	1°19	2° 5	25° 3	29°57	22°58	24°31	9°44	8°29	12°24	n.a.	S 5
M 6	6 19 17	6°15'29	3♓38	10°18	4°20	1°26	2°11	25° 7	29°58	22°56	24°30	9°37	8°26	12°30	n.a.	M 6
T 7	6 23 13	7°16'08	17° 4	11°19	5°34	1°32	2°17	25°11	29°58	22°54	24°30	9°33	8°22	12°37	n.a.	T 7
W 8	6 27 10	8°16'46	0♈ 1	12°23	6°47	1°37	2°23	25°14	29°58	22°53	24°29	9°31	8°19	12°44	n.a.	W 8
T 9	6 31 6	9°17'22	12°35	13°29	8° 1	1°42	2°29	25°18	29°59	22°51	24°28	9°D31	8°16	12°50	n.a.	T 9
F 10	6 35 3	10°17'55	24°49	14°37	9°15	1°46	2°36	25°21	29°59	22°50	24°27	9°31	8°13	12°57	n.a.	F 10
S 11	6 38 59	11°18'27	6♉49	15°47	10°29	1°49	2°43	25°24	29°59	22°48	24°26	9°R32	8°10	13° 4	n.a.	S 11
S 12	6 42 56	12°18'57	18°41	16°59	11°42	1°52	2°49	25°28	29°59	22°46	24°25	9°32	8° 6	13°10	n.a.	S 12
M13	6 46 52	13°19'25	0♊28	18°13	12°56	1°54	2°56	25°31	29°59	22°45	24°25	9°29	8° 3	13°17	n.a.	M13
T 14	6 50 49	14°19'51	12°16	19°28	14° 9	1°55	3° 4	25°34	29°R59	22°43	24°24	9°24	8° 0	13°24	n.a.	T 14
W15	6 54 46	15°20'15	24° 6	20°45	15°23	1°R56	3°11	25°37	29°59	22°42	24°23	9°16	7°57	13°30	n.a.	W15
T 16	6 58 42	16°20'37	6♋ 3	22° 4	16°36	1°56	3°18	25°39	29°59	22°40	24°23	9° 6	7°54	13°37	n.a.	T 16
F 17	7 2 39	17°20'58	18° 6	23°24	17°50	1°55	3°26	25°42	29°59	22°39	24°22	8°54	7°51	13°44	n.a.	F 17
S 18	7 6 35	18°21'16	0♌19	24°45	19° 3	1°53	3°34	25°45	29°59	22°37	24°21	8°41	7°47	13°50	n.a.	S 18
S 19	7 10 32	19°21'33	12°40	26° 8	20°16	1°51	3°42	25°47	29°59	22°36	24°21	8°28	7°44	13°57	n.a.	S 19
M20	7 14 28	20°21'47	25°12	27°32	21°30	1°47	3°50	25°50	29°58	22°34	24°20	8°16	7°41	14° 4	n.a.	M20
T 21	7 18 25	21°22'00	7♍54	28°57	22°43	1°44	3°58	25°52	29°58	22°33	24°19	8° 7	7°38	14°10	n.a.	T 21
W22	7 22 21	22°22'11	20°48	0♉23	23°56	1°39	4° 6	25°54	29°58	22°31	24°19	8° 0	7°35	14°17	n.a.	W22
T 23	7 26 18	23°22'21	3♎56	1°51	25° 9	1°33	4°15	25°57	29°57	22°30	24°18	7°57	7°31	14°24	n.a.	T 23
F 24	7 30 15	24°22'28	17°19	3°20	26°22	1°27	4°23	25°59	29°57	22°29	24°18	7°55	7°28	14°30	n.a.	F 24
S 25	7 34 11	25°22'34	1♏ 0	4°50	27°35	1°20	4°32	26° 1	29°56	22°27	24°17	7°55	7°25	14°37	n.a.	S 25
S 26	7 38 8	26°22'39	14°59	6°21	28°48	1°12	4°41	26° 3	29°56	22°26	24°17	7°55	7°22	14°44	n.a.	S 26
M27	7 42 4	27°22'41	29°18	7°53	0♓ 1	1° 3	4°50	26° 4	29°55	22°25	24°16	7°54	7°19	14°50	n.a.	M27
T 28	7 46 1	28°22'42	13♐55	9°26	1°13	0°54	4°59	26° 6	29°54	22°23	24°16	7°50	7°16	14°57	n.a.	T 28
W29	7 49 57	29°22'42	28°44	11° 1	2°26	0°44	5° 8	26° 8	29°53	22°22	24°15	7°44	7°12	15° 4	n.a.	W29
T 30	7 53 54	0♒22'39	13♉40	12°36	3°39	0°33	5°18	26° 9	29°53	22°21	24°15	7°34	7° 9	15°10	n.a.	T 30
F 31	7 57 50	1♒22'34	28♉34	14♉13	4♓51	0♍21	5♈27	26♎11	29♍52	22♊19	24♋14	7♋23	7♋ 6	15♊17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	23 s49	26 s44	3 s17	19 s45	1n56	22 s26	1 s37	14n32	3n23	0 s27	1 s15	7 s37	2n18	0n40	0n42	23n 5	0 s33	14n56	4 s25	15n 8		14n37		25n23			n.a.
T 2	23 48	27 54	4 12	20 3	1 45	22 10	1 36	14 30	3 25	0 25	1 15	7 38	2 19	0 40	0 42	23 5	0 33	14 56	4 25	15 6		14 36		25 25			n.a.
F 3	23 47	26 59	4 49	20 21	1 35	21 53	1 36	14 28	3 26	0 23	1 15	7 39	2 19	0 40	0 42	23 5	0 33	14 56	4 25	15 3		14 35		25 26			n.a.
S 4	23 45	24 10	5 5	20 40	1 25	21 36	1 35	14 27	3 28	0 20	1 15	7 40	2 19	0 40	0 42	23 5	0 33	14 56	4 25	15 0		14 34		25 28			n.a.
S 5	23 43	19 54	5 1	20 58	1 15	21 18	1 34	14 26	3 30	0 18	1 14	7 42	2 19	0 40	0 42	23 5	0 33	14 56	4 25	14 58		14 33		25 30			n.a.
M 6	23 40	14 40	4 40	21 17	1 5	20 59	1 33	14 26	3 32	0 15	1 14	7 43	2 19	0 39	0 42	23 5	0 33	14 55	4 25	14 56		14 32		25 31			n.a.
T 7	23 37	8 55	4 3	21 35	0 55	20 40	1 32	14 25	3 34	0 12	1 14	7 44	2 20	0 39	0 42	23 5	0 33	14 55	4 24	14 54		14 31		25 33			n.a.
W 8	23 34	2 58	3 15	21 54	0 45	20 20	1 31	14 25	3 36	0 9	1 13	7 45	2 20	0 39	0 42	23 5	0 33	14 55	4 24	14 54		14 30		25 34			n.a.
T 9	23 29	2n55	2 19	22 12	0 36	20 0	1 30	14 25	3 37	0 6	1 13	7 46	2 20	0 39	0 42	23 5	0 33	14 55	4 24	14 53		14 29		25 36			n.a.
F 10	23 25	8 33	1 18	22 29	0 26	19 39	1 29	14 25	3 39	0 4	1 13	7 47	2 20	0 39	0 42	23 5	0 33	14 55	4 24	14 54		14 28		25 38			n.a.
S 11	23 20	13 47	0 15	22 46	0 17	19 18	1 28	14 25	3 41	0 1	1 12	7 48	2 20	0 39	0 42	23 4	0 33	14 55	4 24	14 54		14 27		25 39			n.a.
S 12	23 14	18 26	0n49	23 3	0 8	18 56	1 26	14 26	3 43	0n 2	1 12	7 49	2 20	0 39	0 42	23 4	0 33	14 55	4 24	14 54		14 26		25 41			n.a.
M13	23 9	22 21	1 49	23 18	0 s 1	18 33	1 25	14 27	3 45	0 6	1 12	7 50	2 21	0 39	0 42	23 4	0 33	14 55	4 24	14 53		14 25		25 42			n.a.
T 14	23 2	25 21	2 45	23 33	0 9	18 10	1 23	14 28	3 47	0 9	1 11	7 51	2 21	0 39	0 42	23 4	0 33	14 55	4 24	14 51		14 24		25 44			n.a.
W15	22 55	27 15	3 34	23 47	0 18	17 47	1 22	14 30	3 48	0 12	1 11	7 52	2 21	0 39	0 42	23 4	0 33	14 55	4 23	14 49		14 23		25 46			n.a.
T 16	22 48	27 54	4 13	24 1	0 26	17 23	1 20	14 32	3 50	0 15	1 11	7 53	2 21	0 39	0 42	23 4	0 33	14 55	4 23	14 45		14 22		25 47			n.a.
F 17	22 41	27 14	4 42	24 13	0 34	16 59	1 19	14 34	3 52	0 19	1 11	7 54	2 21	0 39	0 42	23 4	0 33	14 55	4 23	14 42		14 21		25 49			n.a.
S 18	22 32	25 15	4 58	24 24	0 41	16 34	1 17	14 36	3 54	0 22	1 10	7 55	2 22	0 39	0 42	23 4	0 33	14 55	4 23	14 37		14 20		25 50			n.a.
S 19	22 24	22 4	5 1	24 34	0 49	16 9	1 15	14 38	3 55	0 25	1 10	7 55	2 22	0 39	0 42	23 4	0 33	14 55	4 23	14 33		14 19		25 52			n.a.
M20	22 15	17 51	4 49	24 43	0 56	15 43	1 13	14 41	3 57	0 29	1 10	7 56	2 22	0 39	0 42	23 4	0 33	14 55	4 23	14 29		14 18		25 53			n.a.
T 21	22 6	12 47	4 22	24 51	1 2	15 17	1 11	14 44	3 59	0 32	1 10	7 57	2 22	0 40	0 42	23 4	0 33	14 55	4 23	14 26		14 17		25 55			n.a.
W22	21 56	7 5	3 42	24 58	1 9	14 50	1 9	14 47	4 0	0 36	1 9	7 57	2 22	0 40	0 42	23 4	0 33	14 55	4 22	14 24		14 16		25 56			n.a.
T 23	21 46	1 0	2 50	25 3	1 15	14 24	1 7	14 51	4 2	0 40	1 9	7 58	2 23	0 40	0 43	23 4	0 33	14 55	4 22	14 23		14 15		25 58			n.a.
F 24	21 35	5 s16	1 47	25 7	1 21	13 56	1 5	14 55	4 4	0 43	1 9	7 59	2 23	0 40	0 43	23 4	0 33	14 55	4 22	14 22		14 13		25 59			n.a.
S 25	21 24	11 26	0 37	25 10	1 26	13 29	1 3	14 59	4 5	0 47	1 8	7 59	2 23	0 41	0 43	23 4	0 33	14 55	4 22	14 22		14 12		26 1			n.a.
S 26	21 13	17 11	0 s37	25 11	1 31	13 1	1 0	15 3	4 7	0 51	1 8	8 0	2 23	0 41	0 43	23 4	0 33	14 55	4 22	14 22		14 11		26 2			n.a.
M27	21 1	22 7	1 51	25 11	1 36	12 33	0 58	15 8	4 8	0 55	1 8	8 0	2 24	0 41	0 43	23 4	0 33	14 55	4 22	14 22		14 10		26 4			n.a.
T 28	20 49	25 47	2 58	25 9	1 41	12 4	0 55	15 12	4 10	0 59	1 8	8 0	2 24	0 41	0 43	23 3	0 33	14 55	4 22	14 21		14 9		26 5			n.a.
W29	20 36	27 43	3 54	25 6	1 45	11 36	0 53	15 18	4 11	1 3	1 7	8 1	2 24	0 42	0 43	23 3	0 33	14 55	4 21	14 18		14 8		26 7			n.a.
T 30	20 24	27 40	4 35	25 1	1 49	11 7	0 50	15 23	4 13	1 7	1 7	8 1	2 24	0 42	0 43	23 3	0 33	14 55	4 21	14 15		14 7		26 8			n.a.
F 31	20 s10	25 s37	4 s57	24 s55	1 s52	10 s37	0 s48	15n28	4n14	1n11	1 s 7	8 s 2	2n24	0n42	0n43	23n 3	0 s32	14n55	4 s21	14n12		14n 6		26n10			n.a.

Julian Day Number = 1338275.5, Delta T = 07h18m05s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'25, Lahiri = -18°26'24 Julian Calendar 1 Jan. 1049 BCE == Greg. Calendar 22 Dec. 1050 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

FEBRUARY 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 1 47	2♒22'27	13♒17	15♑51	6♓ 4	0°R 8	5♈37	26♎12	29°R51	22°R18	24°R14	7°R11	7♉ 3	15♊24	n.a.	S 1
S 2	8 5 44	3°22'18	27°40	17°30	7°16	29♌55	5°47	26°13	29♍50	22♊17	24♉14	7♉ 0	7° 0	15°30	n.a.	S 2
M 3	8 9 40	4°22'07	11♓38	19°10	8°28	29°41	5°56	26°14	29°49	22°16	24°13	6°50	6°57	15°37	n.a.	M 3
T 4	8 13 37	5°21'53	25° 8	20°51	9°41	29°26	6° 6	26°15	29°48	22°15	24°13	6°43	6°53	15°44	n.a.	T 4
W 5	8 17 33	6°21'37	8♈10	22°34	10°53	29°11	6°16	26°16	29°47	22°14	24°13	6°38	6°50	15°50	n.a.	W 5
T 6	8 21 30	7°21'19	20°48	24°17	12° 5	28°55	6°27	26°17	29°45	22°12	24°13	6°36	6°47	15°57	n.a.	T 6
F 7	8 25 26	8°20'58	3♉ 6	26° 2	13°17	28°38	6°37	26°18	29°44	22°11	24°12	6°36	6°44	16° 4	n.a.	F 7
S 8	8 29 23	9°20'35	15° 8	27°48	14°29	28°21	6°47	26°18	29°43	22°10	24°12	6°36	6°41	16°10	n.a.	S 8
S 9	8 33 19	10°20'09	27° 0	29°36	15°41	28° 3	6°58	26°19	29°42	22° 9	24°12	6°35	6°37	16°17	n.a.	S 9
M10	8 37 16	11°19'41	8♊49	1♒24	16°53	27°44	7° 8	26°19	29°40	22° 8	24°12	6°33	6°34	16°24	n.a.	M10
T 11	8 41 13	12°19'11	20°37	3°14	18° 4	27°25	7°19	26°19	29°39	22° 7	24°12	6°28	6°31	16°31	n.a.	T 11
W12	8 45 9	13°18'38	2♋31	5° 5	19°16	27° 6	7°30	26°20	29°37	22° 6	24°12	6°20	6°28	16°37	n.a.	W12
T 13	8 49 6	14°18'03	14°34	6°57	20°27	26°46	7°41	26°20	29°36	22° 6	24°11	6° 9	6°25	16°44	n.a.	T 13
F 14	8 53 2	15°17'26	26°47	8°51	21°39	26°25	7°52	26°R20	29°34	22° 5	24°11	5°57	6°22	16°51	n.a.	F 14
S 15	8 56 59	16°16'46	9♌12	10°45	22°50	26° 4	8° 3	26°20	29°33	22° 4	24°11	5°43	6°18	16°57	n.a.	S 15
S 16	9 0 55	17°16'04	21°49	12°41	24° 1	25°43	8°14	26°20	29°31	22° 3	24°D11	5°30	6°15	17° 4	n.a.	S 16
M17	9 4 52	18°15'20	4♍39	14°38	25°12	25°21	8°25	26°19	29°29	22° 2	24°11	5°18	6°12	17°11	n.a.	M17
T 18	9 8 48	19°14'33	17°41	16°37	26°23	24°59	8°36	26°19	29°28	22° 1	24°11	5° 8	6° 9	17°17	n.a.	T 18
W19	9 12 45	20°13'45	0♎54	18°36	27°34	24°37	8°48	26°18	29°26	22° 1	24°11	5° 1	6° 6	17°24	n.a.	W19
T 20	9 16 41	21°12'55	14°17	20°37	28°45	24°14	8°59	26°18	29°24	22° 0	24°11	4°58	6° 3	17°31	n.a.	T 20
F 21	9 20 38	22°12'02	27°51	22°38	29°56	23°51	9°11	26°17	29°22	21°59	24°12	4°56	5°59	17°37	n.a.	F 21
S 22	9 24 35	23°11'08	11♏36	24°40	1♈ 6	23°28	9°23	26°16	29°21	21°59	24°12	4°D56	5°56	17°44	n.a.	S 22
S 23	9 28 31	24°10'12	25°33	26°43	2°17	23° 5	9°34	26°16	29°19	21°58	24°12	4°R56	5°53	17°51	n.a.	S 23
M24	9 32 28	25° 9'14	9♐41	28°46	3°27	22°42	9°46	26°15	29°17	21°57	24°12	4°55	5°50	17°57	n.a.	M24
T 25	9 36 24	26° 8'15	24° 0	0♓50	4°37	22°19	9°58	26°14	29°15	21°57	24°12	4°53	5°47	18° 4	n.a.	T 25
W26	9 40 21	27° 7'13	8♑26	2°54	5°48	21°56	10°10	26°12	29°13	21°56	24°12	4°47	5°43	18°11	n.a.	W26
T 27	9 44 17	28° 6'10	22°57	4°58	6°58	21°33	10°22	26°11	29°11	21°56	24°13	4°40	5°40	18°17	n.a.	T 27
F 28	9 48 14	29° 5'05	7♒25	7° 1	8° 8	21°10	10°34	26°10	29° 9	21°55	24°13	4°30	5°37	18°24	n.a.	F 28
S 29	9 52 10	0♓ 3'57	21♒46	9♓ 4	9♈17	20♌48	10♈47	26♎ 8	29♍ 7	21♊55	24♉13	4♉19	5♉34	18♊31	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s57	21s51	4s59	24s46	1s55	10s 8	0s45	15n34	4n15	1n15	1s 7	8s 2	2n25	0n43	0n43	23n 3	0s32	14n55	4s21	14n 8	14n 5	26n11		n.a.
S 2	19 43	16 52	4 41	24 36	1 58	9 38	0 42	15 40	4 16	1 19	1 6	8 2	2 25	0 43	0 43	23 3	0 32	14 55	4 21	14 4	14 4	26 13		n.a.
M 3	19 28	11 7	4 7	24 25	2 0	9 8	0 40	15 46	4 17	1 23	1 6	8 2	2 25	0 44	0 43	23 3	0 32	14 55	4 21	14 1	14 3	26 14		n.a.
T 4	19 14	5 1	3 20	24 11	2 2	8 38	0 37	15 52	4 18	1 27	1 6	8 2	2 25	0 44	0 43	23 3	0 32	14 55	4 20	13 58	14 2	26 15		n.a.
W 5	18 59	1n 5	2 24	23 56	2 4	8 7	0 34	15 59	4 19	1 32	1 6	8 3	2 25	0 45	0 43	23 3	0 32	14 55	4 20	13 57	14 1	26 17		n.a.
T 6	18 44	6 58	1 23	23 39	2 5	7 37	0 31	16 5	4 20	1 36	1 5	8 3	2 26	0 45	0 43	23 3	0 32	14 55	4 20	13 56	14 0	26 18		n.a.
F 7	18 28	12 27	0 19	23 20	2 5	7 6	0 28	16 12	4 21	1 40	1 5	8 3	2 26	0 46	0 43	23 3	0 32	14 55	4 20	13 56	13 59	26 20		n.a.
S 8	18 12	17 21	0n45	22 59	2 5	6 35	0 25	16 19	4 22	1 45	1 5	8 3	2 26	0 46	0 43	23 3	0 32	14 56	4 20	13 56	13 58	26 21		n.a.
S 9	17 56	21 31	1 46	22 36	2 5	6 4	0 22	16 26	4 23	1 49	1 5	8 3	2 26	0 47	0 43	23 3	0 32	14 56	4 20	13 56	13 57	26 22		n.a.
M10	17 39	24 47	2 42	22 11	2 4	5 33	0 18	16 33	4 23	1 54	1 4	8 3	2 26	0 47	0 43	23 3	0 32	14 56	4 20	13 55	13 56	26 24		n.a.
T 11	17 23	26 59	3 30	21 44	2 3	5 1	0 15	16 40	4 24	1 58	1 4	8 3	2 27	0 48	0 43	23 3	0 32	14 56	4 19	13 53	13 54	26 25		n.a.
W12	17 5	27 58	4 10	21 15	2 1	4 30	0 12	16 48	4 24	2 3	1 4	8 3	2 27	0 49	0 43	23 3	0 32	14 56	4 19	13 51	13 53	26 27		n.a.
T 13	16 48	27 38	4 39	20 44	1 58	3 58	0 9	16 55	4 24	2 7	1 4	8 2	2 27	0 49	0 43	23 3	0 32	14 56	4 19	13 47	13 52	26 28		n.a.
F 14	16 30	25 59	4 56	20 11	1 56	3 27	0 5	17 3	4 25	2 12	1 4	8 2	2 27	0 50	0 43	23 3	0 32	14 56	4 19	13 43	13 51	26 29		n.a.
S 15	16 13	23 3	5 0	19 37	1 52	2 55	0 2	17 10	4 25	2 16	1 3	8 2	2 27	0 50	0 43	23 3	0 32	14 56	4 19	13 38	13 50	26 31		n.a.
S 16	15 54	18 59	4 48	19 0	1 48	2 23	0n 1	17 17	4 25	2 21	1 3	8 2	2 28	0 51	0 43	23 3	0 32	14 57	4 19	13 34	13 49	26 32		n.a.
M17	15 36	14 1	4 22	18 21	1 44	1 52	0 5	17 25	4 24	2 26	1 3	8 1	2 28	0 52	0 43	23 3	0 32	14 57	4 18	13 30	13 48	26 33		n.a.
T 18	15 17	8 20	3 42	17 40	1 38	1 20	0 8	17 32	4 24	2 30	1 3	8 1	2 28	0 53	0 43	23 3	0 32	14 57	4 18	13 27	13 47	26 35		n.a.
W19	14 58	2 14	2 50	16 57	1 33	0 48	0 12	17 40	4 24	2 35	1 3	8 1	2 28	0 53	0 43	23 3	0 32	14 57	4 18	13 24	13 46	26 36		n.a.
T 20	14 39	4s 5	1 47	16 13	1 26	0 16	0 15	17 47	4 23	2 40	1 2	8 0	2 28	0 54	0 43	23 3	0 32	14 57	4 18	13 23	13 45	26 37		n.a.
F 21	14 20	10 18	0 37	15 26	1 20	0n16	0 19	17 54	4 23	2 45	1 2	8 0	2 29	0 55	0 43	23 3	0 32	14 57	4 18	13 22	13 44	26 39		n.a.
S 22	14 0	16 7	0s35	14 38	1 12	0 47	0 23	18 1	4 22	2 50	1 2	7 59	2 29	0 56	0 43	23 3	0 32	14 58	4 18	13 22	13 43	26 40		n.a.
S 23	13 41	21 11	1 47	13 48	1 4	1 19	0 26	18 9	4 22	2 55	1 2	7 59	2 29	0 56	0 43	23 3	0 32	14 58	4 17	13 22	13 42	26 41		n.a.
M24	13 21	25 7	2 53	12 57	0 56	1 51	0 30	18 16	4 21	2 59	1 2	7 58	2 29	0 57	0 43	23 3	0 32	14 58	4 17	13 22	13 41	26 42		n.a.
T 25	13 0	27 30	3 50	12 4	0 46	2 23	0 34	18 22	4 20	3 4	1 1	7 58	2 29	0 58	0 43	23 3	0 32	14 58	4 17	13 21	13 40	26 44		n.a.
W26	12 40	28 4	4 32	11 10	0 37	2 54	0 37	18 29	4 19	3 9	1 1	7 57	2 30	0 59	0 43	23 3	0 32	14 58	4 17	13 19	13 38	26 45		n.a.
T 27	12 19	26 42	4 56	10 15	0 27	3 26	0 41	18 36	4 17	3 14	1 1	7 57	2 30	1 0	0 43	23 3	0 32	14 59	4 17	13 17	13 37	26 46		n.a.
F 28	11 59	23 34	5 2	9 19	0 16	3 57	0 45	18 42	4 16	3 19	1 1	7 56	2 30	1 0	0 43	23 3	0 32	14 59	4 17	13 13	13 36	26 48		n.a.
S 29	11s38	19s 1	4s49	8s23	0s 5	4n29	0n48	18n48	4n15	3n24	1s 1	7s55	2n30	1n 1	0n43	23n 3	0s32	14n59	4s17	13n10	13n35	26n49		n.a.

Julian Day Number = 1338306.5, Delta T = 07h18m04s
Ecliptic obliquity = 23°49'19, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'20, Lahiri = -18°26'20 Julian Calendar 1 Feb. 1049 BCE == Greg. Calendar 22 Jan. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

MARCH 1049 BCE (-1048) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 7	1♓ 2'48	5♓51	11♓ 5	10♈27	20°R25	10♈59	26°R 7	29°R 5	21°R55	24♉13	4°R 9	5♉31	18♊37	n.a.	S 1
M 2	10 0 4	2° 1'36	19°37	13° 6	11°37	20♌ 3	11°11	26♎ 5	29♍ 2	21♊54	24°14	4♉ 1	5°28	18°44	n.a.	M 2
T 3	10 4 0	3° 0'22	3♈ 1	15° 4	12°46	19°41	11°24	26° 3	29° 0	21°54	24°14	3°55	5°24	18°51	n.a.	T 3
W 4	10 7 57	3°59'06	16° 1	17° 0	13°55	19°20	11°36	26° 2	28°58	21°54	24°14	3°51	5°21	18°57	n.a.	W 4
T 5	10 11 53	4°57'47	28°39	18°54	15° 5	18°59	11°49	26° 0	28°56	21°53	24°15	3°D49	5°18	19° 4	n.a.	T 5
F 6	10 15 50	5°56'26	10♉58	20°45	16°14	18°38	12° 1	25°58	28°54	21°53	24°15	3°49	5°15	19°11	n.a.	F 6
S 7	10 19 46	6°55'03	23° 3	22°33	17°22	18°18	12°14	25°56	28°51	21°53	24°16	3°50	5°12	19°18	n.a.	S 7
S 8	10 23 43	7°53'38	4♊58	24°18	18°31	17°58	12°27	25°54	28°49	21°53	24°16	3°R51	5° 9	19°24	n.a.	S 8
M 9	10 27 39	8°52'10	16°48	25°58	19°40	17°39	12°39	25°51	28°47	21°53	24°17	3°50	5° 5	19°31	n.a.	M 9
T 10	10 31 36	9°50'40	28°39	27°35	20°48	17°20	12°52	25°49	28°44	21°52	24°17	3°48	5° 2	19°38	n.a.	T 10
W11	10 35 32	10°49'08	10♋36	29° 7	21°57	17° 2	13° 5	25°47	28°42	21°52	24°18	3°44	4°59	19°44	n.a.	W11
T 12	10 39 29	11°47'33	22°43	0♈36	23° 5	16°45	13°18	25°44	28°40	21°52	24°18	3°38	4°56	19°51	n.a.	T 12
F 13	10 43 26	12°45'56	5♌ 2	1°59	24°13	16°28	13°31	25°42	28°37	21°D52	24°19	3°30	4°53	19°58	n.a.	F 13
S 14	10 47 22	13°44'18	17°38	3°18	25°21	16°12	13°44	25°39	28°35	21°52	24°19	3°21	4°49	20° 4	n.a.	S 14
S 15	10 51 19	14°42'36	0♍30	4°32	26°28	15°57	13°57	25°36	28°32	21°52	24°20	3°13	4°46	20°11	n.a.	S 15
M16	10 55 15	15°40'53	13°38	5°40	27°36	15°42	14°10	25°33	28°30	21°53	24°21	3° 5	4°43	20°18	n.a.	M16
T 17	10 59 12	16°39'08	27° 1	6°44	28°43	15°28	14°23	25°31	28°28	21°53	24°21	2°59	4°40	20°24	n.a.	T 17
W18	11 3 8	17°37'21	10♎38	7°42	29°50	15°15	14°36	25°28	28°25	21°53	24°22	2°54	4°37	20°31	n.a.	W18
T 19	11 7 5	18°35'32	24°25	8°36	0♉57	15° 2	14°50	25°25	28°23	21°53	24°23	2°52	4°34	20°38	n.a.	T 19
F 20	11 11 1	19°33'42	8♏21	9°23	2° 4	14°50	15° 3	25°21	28°20	21°53	24°23	2°D52	4°30	20°44	n.a.	F 20
S 21	11 14 58	20°31'50	22°24	10° 6	3°10	14°40	15°16	25°18	28°18	21°54	24°24	2°53	4°27	20°51	n.a.	S 21
S 22	11 18 55	21°29'57	6♐30	10°43	4°17	14°29	15°30	25°15	28°15	21°54	24°25	2°54	4°24	20°58	n.a.	S 22
M23	11 22 51	22°28'02	20°40	11°14	5°23	14°20	15°43	25°12	28°13	21°54	24°26	2°R55	4°21	21° 5	n.a.	M23
T 24	11 26 48	23°26'05	4♑51	11°40	6°29	14°11	15°57	25° 8	28°10	21°55	24°27	2°55	4°18	21°11	n.a.	T 24
W25	11 30 44	24°24'07	19° 2	12° 1	7°35	14° 4	16°10	25° 5	28° 7	21°55	24°27	2°52	4°14	21°18	n.a.	W25
T 26	11 34 41	25°22'08	3♒10	12°16	8°40	13°57	16°23	25° 2	28° 5	21°55	24°28	2°49	4°11	21°25	n.a.	T 26
F 27	11 38 37	26°20'07	17°11	12°25	9°46	13°50	16°37	24°58	28° 2	21°56	24°29	2°44	4° 8	21°31	n.a.	F 27
S 28	11 42 34	27°18'04	1♓ 4	12°R29	10°51	13°45	16°51	24°54	28° 0	21°56	24°30	2°38	4° 5	21°38	n.a.	S 28
S 29	11 46 30	28°16'00	14°43	12°28	11°56	13°40	17° 4	24°51	27°57	21°57	24°31	2°33	4° 2	21°45	n.a.	S 29
M30	11 50 27	29°13'54	28° 7	12°22	13° 1	13°37	17°18	24°47	27°55	21°57	24°32	2°28	3°59	21°51	n.a.	M30
T 31	11 54 23	0♈11'47	11♈14	12♈11	14♉ 5	13♌34	17♈31	24♎43	27♍52	21♊58	24♉33	2♉25	3♉55	21♊58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s17	13s30	4s18	7s26	0n 6	5n 0	0n52	18n54	4n13	3n29	1s 0	7s55	2n30	1n 2	0n43	23n 3	0s32	14n59	4s16	13n 6	13n34	26n50			n.a.
M 2	10 55	7 26	3 33	6 29	0 17	5 31	0 56	19 0	4 11	3 34	1 0	7 54	2 31	1 3	0 43	23 3	0 32	14 59	4 16	13 4	13 33	26 51			n.a.
T 3	10 34	1 10	2 37	5 32	0 29	6 2	1 0	19 5	4 10	3 39	1 0	7 53	2 31	1 4	0 43	23 3	0 32	15 0	4 16	13 1	13 32	26 53			n.a.
W 4	10 12	4n58	1 34	4 35	0 41	6 33	1 3	19 11	4 8	3 45	1 0	7 52	2 31	1 5	0 44	23 3	0 32	15 0	4 16	13 0	13 31	26 54			n.a.
T 5	9 51	10 44	0 28	3 39	0 52	7 4	1 7	19 16	4 6	3 50	1 0	7 51	2 31	1 6	0 44	23 3	0 32	15 0	4 16	12 59	13 30	26 55			n.a.
F 6	9 29	15 58	0n38	2 44	1 4	7 34	1 11	19 20	4 4	3 55	1 0	7 50	2 31	1 7	0 44	23 3	0 32	15 0	4 16	12 59	13 29	26 56			n.a.
S 7	9 7	20 28	1 41	1 51	1 16	8 4	1 15	19 25	4 2	4 0	0 59	7 50	2 31	1 8	0 44	23 3	0 31	15 1	4 15	13 0	13 28	26 57			n.a.
S 8	8 45	24 4	2 39	0 58	1 27	8 34	1 18	19 29	4 0	4 5	0 59	7 49	2 32	1 9	0 44	23 3	0 31	15 1	4 15	13 0	13 27	26 59			n.a.
M 9	8 22	26 38	3 29	0 8	1 38	9 4	1 22	19 33	3 58	4 10	0 59	7 48	2 32	1 9	0 44	23 3	0 31	15 1	4 15	13 0	13 26	27 0			n.a.
T 10	8 0	28 0	4 11	0n41	1 49	9 34	1 26	19 37	3 55	4 16	0 59	7 47	2 32	1 10	0 44	23 3	0 31	15 2	4 15	12 59	13 24	27 1			n.a.
W11	7 38	28 5	4 42	1 28	1 59	10 4	1 29	19 40	3 53	4 21	0 59	7 46	2 32	1 11	0 44	23 3	0 31	15 2	4 15	12 58	13 23	27 2			n.a.
T 12	7 15	26 49	5 1	2 12	2 9	10 33	1 33	19 43	3 51	4 26	0 59	7 45	2 32	1 12	0 44	23 3	0 31	15 2	4 15	12 56	13 22	27 3			n.a.
F 13	6 52	24 15	5 6	2 54	2 18	11 2	1 37	19 46	3 48	4 31	0 58	7 43	2 32	1 13	0 44	23 3	0 31	15 2	4 15	12 53	13 21	27 4			n.a.
S 14	6 30	20 30	4 57	3 34	2 27	11 31	1 40	19 49	3 46	4 37	0 58	7 42	2 33	1 14	0 44	23 3	0 31	15 3	4 14	12 50	13 20	27 6			n.a.
S 15	6 7	15 43	4 33	4 11	2 34	11 59	1 44	19 51	3 43	4 42	0 58	7 41	2 33	1 15	0 44	23 3	0 31	15 3	4 14	12 47	13 19	27 7			n.a.
M16	5 44	10 7	3 54	4 45	2 41	12 27	1 48	19 53	3 40	4 47	0 58	7 40	2 33	1 16	0 44	23 3	0 31	15 3	4 14	12 44	13 18	27 8			n.a.
T 17	5 21	3 58	3 1	5 16	2 48	12 55	1 51	19 55	3 38	4 52	0 58	7 39	2 33	1 17	0 44	23 3	0 31	15 4	4 14	12 42	13 17	27 9			n.a.
W18	4 58	2s29	1 57	5 45	2 53	13 23	1 55	19 56	3 35	4 58	0 58	7 38	2 33	1 18	0 44	23 3	0 31	15 4	4 14	12 41	13 16	27 10			n.a.
T 19	4 35	8 55	0 46	6 10	2 57	13 50	1 58	19 57	3 32	5 3	0 57	7 36	2 33	1 19	0 44	23 3	0 31	15 4	4 14	12 40	13 15	27 11			n.a.
F 20	4 12	14 59	0s30	6 32	3 1	14 17	2 2	19 58	3 30	5 8	0 57	7 35	2 33	1 20	0 44	23 3	0 31	15 4	4 14	12 40	13 14	27 12			n.a.
S 21	3 49	20 20	1 44	6 52	3 3	14 43	2 5	19 59	3 27	5 14	0 57	7 34	2 33	1 21	0 44	23 3	0 31	15 5	4 13	12 40	13 13	27 13			n.a.
S 22	3 25	24 34	2 52	7 8	3 4	15 10	2 9	19 59	3 24	5 19	0 57	7 33	2 34	1 22	0 44	23 3	0 31	15 5	4 13	12 41	13 11	27 14			n.a.
M23	3 2	27 19	3 50	7 20	3 5	15 35	2 12	19 59	3 21	5 24	0 57	7 31	2 34	1 23	0 44	23 3	0 31	15 5	4 13	12 41	13 10	27 16			n.a.
T 24	2 39	28 18	4 34	7 30	3 4	16 1	2 15	19 59	3 18	5 30	0 57	7 30	2 34	1 24	0 44	23 3	0 31	15 6	4 13	12 41	13 9	27 17			n.a.
W25	2 15	27 25	5 1	7 36	3 2	16 26	2 18	19 59	3 15	5 35	0 57	7 29	2 34	1 25	0 44	23 3	0 31	15 6	4 13	12 40	13 8	27 18			n.a.
T 26	1 52	24 47	5 10	7 39	2 58	16 51	2 22	19 58	3 12	5 41	0 57	7 27	2 34	1 26	0 44	23 3	0 31	15 6	4 13	12 39	13 7	27 19			n.a.
F 27	1 29	20 41	5 1	7 39	2 54	17 15	2 25	19 57	3 9	5 46	0 56	7 26	2 34	1 27	0 44	23 4	0 31	15 7	4 13	12 37	13 6	27 20			n.a.
S 28	1 5	15 31	4 33	7 35	2 48	17 39	2 28	19 56	3 7	5 51	0 56	7 24	2 34	1 28	0 44	23 4	0 31	15 7	4 12	12 35	13 5	27 21			n.a.
S 29	0 42	9 39	3 51	7 28	2 41	18 3	2 31	19 55	3 4	5 57	0 56	7 23	2 34	1 29	0 44	23 4	0 31	15 7	4 12	12 33	13 4	27 22			n.a.
M30	0 19	3 27	2 56	7 18	2 33	18 26	2 34	19 53	3 1	6 2	0 56	7 21	2 34	1 30	0 44	23 4	0 31	15 8	4 12	12 31	13 3	27 23			n.a.
T 31	0n 5	2n47	1s53	7n 5	2n23	18n48	2n37	19n51	2n58	6n 8	0s56	7s20	2n35	1n31	0n44	23n 4	0s31	15n 8	4s12	12n30	13n 2	27n24			n.a.

Julian Day Number = 1338335.5, Delta T = 07h18m02s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'17, Lahiri = -18°26'16 Julian Calendar 1 March 1049 BCE == Greg. Calendar 20 Feb. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

APRIL 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 58 20	1♈ 9'37	24♈ 2	11°R56	15♉ 9	13°R31	17♈45	24°R39	27°R50	21♊59	24♉34	2°R23	3♉52	22♊ 5	n.a.	W 1
T 2	12 2 17	2° 7'26	6♉34	11♈36	16°13	13♌30	17°59	24♎36	27♍47	21°59	24°35	2°D23	3°49	22°11	n.a.	T 2
F 3	12 6 13	3° 5'14	18°50	11°13	17°17	13°D29	18°13	24°32	27°45	22° 0	24°36	2♉24	3°46	22°18	n.a.	F 3
S 4	12 10 10	4° 3'00	0♊54	10°46	18°20	13°30	18°26	24°28	27°42	22° 1	24°37	2°25	3°43	22°25	n.a.	S 4
S 5	12 14 6	5° 0'43	12°50	10°16	19°24	13°31	18°40	24°24	27°40	22° 1	24°38	2°27	3°40	22°31	n.a.	S 5
M 6	12 18 3	5°58'26	24°41	9°44	20°27	13°32	18°54	24°20	27°37	22° 2	24°39	2°28	3°36	22°38	n.a.	M 6
T 7	12 21 59	6°56'06	6♋33	9°10	21°29	13°35	19° 8	24°16	27°35	22° 3	24°40	2°R29	3°33	22°45	n.a.	T 7
W 8	12 25 56	7°53'45	18°31	8°35	22°32	13°38	19°22	24°11	27°32	22° 4	24°41	2°28	3°30	22°52	n.a.	W 8
T 9	12 29 52	8°51'22	0♌39	8° 0	23°34	13°42	19°35	24° 7	27°30	22° 5	24°42	2°27	3°27	22°58	n.a.	T 9
F 10	12 33 49	9°48'57	13° 1	7°25	24°35	13°47	19°49	24° 3	27°27	22° 6	24°43	2°24	3°24	23° 5	n.a.	F 10
S 11	12 37 46	10°46'31	25°41	6°50	25°37	13°52	20° 3	23°59	27°25	22° 7	24°44	2°21	3°20	23°12	n.a.	S 11
S 12	12 41 42	11°44'03	8♍42	6°16	26°38	13°58	20°17	23°55	27°22	22° 7	24°45	2°18	3°17	23°18	n.a.	S 12
M13	12 45 39	12°41'34	22° 3	5°45	27°38	14° 5	20°31	23°50	27°20	22° 8	24°46	2°16	3°14	23°25	n.a.	M13
T 14	12 49 35	13°39'03	5♎44	5°15	28°39	14°13	20°45	23°46	27°17	22°10	24°47	2°13	3°11	23°32	n.a.	T 14
W15	12 53 32	14°36'31	19°43	4°49	29°39	14°21	20°59	23°42	27°15	22°11	24°49	2°12	3° 8	23°38	n.a.	W15
T 16	12 57 28	15°33'58	3♏56	4°26	0♊38	14°30	21°13	23°37	27°13	22°12	24°50	2°D12	3° 5	23°45	n.a.	T 16
F 17	13 1 25	16°31'23	18°19	4° 6	1°38	14°39	21°27	23°33	27°10	22°13	24°51	2°12	3° 1	23°52	n.a.	F 17
S 18	13 5 21	17°28'48	2♐46	3°50	2°36	14°49	21°40	23°29	27° 8	22°14	24°52	2°13	2°58	23°58	n.a.	S 18
S 19	13 9 18	18°26'12	17°13	3°39	3°35	15° 0	21°54	23°24	27° 6	22°15	24°53	2°14	2°55	24° 5	n.a.	S 19
M20	13 13 15	19°23'35	1♑36	3°31	4°33	15°11	22° 8	23°20	27° 3	22°16	24°55	2°15	2°52	24°12	n.a.	M20
T 21	13 17 11	20°20'57	15°52	3°D28	5°31	15°23	22°22	23°16	27° 1	22°17	24°56	2°R16	2°49	24°19	n.a.	T 21
W22	13 21 8	21°18'19	29°58	3°30	6°28	15°36	22°36	23°11	26°59	22°19	24°57	2°16	2°46	24°25	n.a.	W22
T 23	13 25 4	22°15'39	13♒52	3°36	7°24	15°49	22°50	23° 7	26°57	22°20	24°58	2°15	2°42	24°32	n.a.	T 23
F 24	13 29 1	23°12'59	27°33	3°46	8°21	16° 3	23° 4	23° 2	26°54	22°21	25° 0	2°14	2°39	24°39	n.a.	F 24
S 25	13 32 57	24°10'18	11♓ 0	4° 1	9°16	16°17	23°18	22°58	26°52	22°23	25° 1	2°13	2°36	24°45	n.a.	S 25
S 26	13 36 54	25° 7'37	24°14	4°20	10°12	16°32	23°32	22°53	26°50	22°24	25° 2	2°12	2°33	24°52	n.a.	S 26
M27	13 40 50	26° 4'54	7♈14	4°44	11° 6	16°47	23°46	22°49	26°48	22°25	25° 4	2°11	2°30	24°59	n.a.	M27
T 28	13 44 47	27° 2'11	20° 0	5°12	12° 1	17° 3	24° 0	22°45	26°46	22°27	25° 5	2°11	2°26	25° 5	n.a.	T 28
W29	13 48 44	27°59'27	2♉32	5°45	12°54	17°19	24°14	22°40	26°44	22°28	25° 6	2°D11	2°23	25°12	n.a.	W29
T 30	13 52 40	28♈56'42	14♉52	6♈21	13♊47	17♌36	24♈28	22♎36	26♍42	22♊30	25♉ 8	2♉11	2♉20	25♊19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n28	8n46	0s45	6n49	2n13	19n11	2n39	19n49	2n55	6n13	0s56	7s18	2n35	1n33	0n44	23n 4	0s31	15n 9	4s12	12n30	13n 1	27n25		n.a.
T 2	0 51	14 17	0n23	6 31	2 1	19 32	2 42	19 47	2 52	6 18	0 56	7 17	2 35	1 34	0 44	23 4	0 31	15 9	4 12	12 30	12 59	27 26		n.a.
F 3	1 15	19 8	1 29	6 9	1 48	19 54	2 45	19 44	2 49	6 24	0 56	7 15	2 35	1 35	0 44	23 4	0 31	15 9	4 12	12 30	12 58	27 27		n.a.
S 4	1 38	23 7	2 30	5 46	1 34	20 14	2 47	19 41	2 46	6 29	0 55	7 14	2 35	1 36	0 44	23 4	0 31	15 10	4 11	12 30	12 57	27 28		n.a.
S 5	2 1	26 4	3 24	5 21	1 20	20 35	2 50	19 38	2 43	6 35	0 55	7 12	2 35	1 37	0 44	23 4	0 31	15 10	4 11	12 31	12 56	27 29		n.a.
M 6	2 25	27 51	4 9	4 54	1 4	20 54	2 52	19 35	2 41	6 40	0 55	7 11	2 35	1 38	0 44	23 4	0 31	15 10	4 11	12 31	12 55	27 30		n.a.
T 7	2 48	28 22	4 43	4 26	0 48	21 14	2 55	19 32	2 38	6 45	0 55	7 9	2 35	1 39	0 44	23 4	0 31	15 11	4 11	12 32	12 54	27 31		n.a.
W 8	3 11	27 33	5 5	3 56	0 32	21 32	2 57	19 28	2 35	6 51	0 55	7 8	2 35	1 40	0 44	23 4	0 31	15 11	4 11	12 31	12 53	27 32		n.a.
T 9	3 34	25 26	5 14	3 27	0 15	21 51	2 59	19 24	2 32	6 56	0 55	7 6	2 35	1 41	0 44	23 4	0 30	15 12	4 11	12 31	12 52	27 33		n.a.
F 10	3 57	22 6	5 9	2 57	0s 2	22 8	3 1	19 20	2 29	7 2	0 55	7 5	2 35	1 42	0 44	23 5	0 30	15 12	4 11	12 30	12 51	27 34		n.a.
S 11	4 20	17 41	4 49	2 27	0 19	22 26	3 3	19 16	2 27	7 7	0 55	7 3	2 35	1 43	0 43	23 5	0 30	15 12	4 11	12 29	12 50	27 35		n.a.
S 12	4 43	12 21	4 13	1 59	0 36	22 42	3 5	19 11	2 24	7 12	0 55	7 1	2 35	1 43	0 43	23 5	0 30	15 13	4 10	12 28	12 48	27 35		n.a.
M13	5 5	6 19	3 24	1 31	0 53	22 58	3 7	19 7	2 21	7 18	0 55	7 0	2 35	1 44	0 43	23 5	0 30	15 13	4 10	12 27	12 47	27 36		n.a.
T 14	5 28	0s10	2 21	1 4	1 9	23 14	3 8	19 2	2 18	7 23	0 54	6 58	2 35	1 45	0 43	23 5	0 30	15 13	4 10	12 26	12 46	27 37		n.a.
W15	5 51	6 47	1 8	0 39	1 24	23 29	3 10	18 57	2 16	7 29	0 54	6 57	2 35	1 46	0 43	23 5	0 30	15 14	4 10	12 26	12 45	27 38		n.a.
T 16	6 13	13 11	0s10	0 16	1 39	23 43	3 11	18 52	2 13	7 34	0 54	6 55	2 35	1 47	0 43	23 5	0 30	15 14	4 10	12 26	12 44	27 39		n.a.
F 17	6 36	18 58	1 28	0s 4	1 53	23 57	3 12	18 46	2 10	7 39	0 54	6 53	2 35	1 48	0 43	23 5	0 30	15 15	4 10	12 26	12 43	27 40		n.a.
S 18	6 58	23 41	2 41	0 23	2 7	24 10	3 13	18 41	2 8	7 45	0 54	6 52	2 35	1 49	0 43	23 5	0 30	15 15	4 10	12 26	12 42	27 41		n.a.
S 19	7 20	26 55	3 44	0 39	2 19	24 23	3 14	18 35	2 5	7 50	0 54	6 50	2 35	1 50	0 43	23 5	0 30	15 15	4 10	12 27	12 41	27 42		n.a.
M20	7 42	28 21	4 32	0 52	2 30	24 35	3 15	18 29	2 3	7 55	0 54	6 48	2 35	1 51	0 43	23 5	0 30	15 16	4 10	12 27	12 40	27 43		n.a.
T 21	8 4	27 53	5 4	1 3	2 41	24 47	3 16	18 23	2 0	8 1	0 54	6 47	2 35	1 52	0 43	23 6	0 30	15 16	4 9	12 27	12 39	27 43		n.a.
W22	8 26	25 37	5 16	1 11	2 50	24 58	3 17	18 17	1 57	8 6	0 54	6 45	2 35	1 53	0 43	23 6	0 30	15 17	4 9	12 27	12 37	27 44		n.a.
T 23	8 48	21 52	5 10	1 16	2 58	25 8	3 17	18 11	1 55	8 11	0 54	6 44	2 35	1 54	0 43	23 6	0 30	15 17	4 9	12 27	12 36	27 45		n.a.
F 24	9 10	16 59	4 46	1 18	3 5	25 18	3 18	18 4	1 52	8 17	0 54	6 42	2 35	1 54	0 43	23 6	0 30	15 18	4 9	12 26	12 35	27 46		n.a.
S 25	9 31	11 21	4 7	1 18	3 12	25 27	3 18	17 57	1 50	8 22	0 53	6 40	2 35	1 55	0 43	23 6	0 30	15 18	4 9	12 26	12 34	27 47		n.a.
S 26	9 53	5 18	3 15	1 15	3 17	25 36	3 18	17 50	1 48	8 27	0 53	6 39	2 35	1 56	0 43	23 6	0 30	15 18	4 9	12 26	12 33	27 48		n.a.
M27	10 14	0n52	2 14	1 9	3 21	25 43	3 18	17 43	1 45	8 33	0 53	6 37	2 35	1 57	0 43	23 6	0 30	15 19	4 9	12 26	12 32	27 48		n.a.
T 28	10 35	6 54	1 7	1 1	3 24	25 51	3 17	17 36	1 43	8 38	0 53	6 36	2 35	1 58	0 43	23 6	0 30	15 19	4 9	12 25	12 31	27 49		n.a.
W29	10 56	12 34	0n 2	0 50	3 26	25 58	3 17	17 29	1 40	8 43	0 53	6 34	2 35	1 59	0 43	23 6	0 30	15 20	4 9	12 25	12 30	27 50		n.a.
T 30	11n16	17n40	1n10	0s37	3s28	26n 4	3n16	17n21	1n38	8n48	0s53	6s32	2n35	1n59	0n43	23n 6	0s30	15n20	4s 9	12n25	12n29	27n51		n.a.

Julian Day Number = 1338366.5, Delta T = 07h18m01s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'12, Lahiri = -18°26'12 Julian Calendar 1 Apr. 1049 BCE == Greg. Calendar 22 March 1049 BCE

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

MAY 1049 BCE (-1048) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 56 37	29♈53'57	27♉ 0	7♈ 1	14♊40	17♌54	24♈42	22°R32	26°R40	22♊31	25♉ 9	2♉11	2♉17	25♊25	n.a.	F 1
S 2	14 0 33	0♉51'10	9♊ 0	7°46	15°31	18°12	24°56	22♎27	26♍38	22°33	25°10	2°11	2°14	25°32	n.a.	S 2
S 3	14 4 30	1°48'23	20°54	8°34	16°23	18°30	25° 9	22°23	26°36	22°34	25°12	2°R12	2°11	25°39	n.a.	S 3
M 4	14 8 26	2°45'35	2♋45	9°26	17°13	18°49	25°23	22°19	26°34	22°36	25°13	2°12	2° 7	25°46	n.a.	M 4
T 5	14 12 23	3°42'46	14°37	10°22	18° 3	19° 8	25°37	22°14	26°32	22°37	25°15	2°11	2° 4	25°52	n.a.	T 5
W 6	14 16 19	4°39'56	26°34	11°21	18°52	19°28	25°51	22°10	26°30	22°39	25°16	2°11	2° 1	25°59	n.a.	W 6
T 7	14 20 16	5°37'05	8♌41	12°24	19°41	19°48	26° 5	22° 6	26°29	22°41	25°17	2°D11	1°58	26° 6	n.a.	T 7
F 8	14 24 13	6°34'13	21° 2	13°31	20°28	20° 9	26°19	22° 2	26°27	22°42	25°19	2°11	1°55	26°12	n.a.	F 8
S 9	14 28 9	7°31'21	3♍41	14°41	21°15	20°30	26°32	21°57	26°25	22°44	25°20	2°12	1°51	26°19	n.a.	S 9
S 10	14 32 6	8°28'28	16°42	15°54	22° 1	20°52	26°46	21°53	26°23	22°46	25°22	2°12	1°48	26°26	n.a.	S 10
M11	14 36 2	9°25'34	0♎ 7	17°10	22°46	21°14	27° 0	21°49	26°22	22°47	25°23	2°13	1°45	26°32	n.a.	M11
T 12	14 39 59	10°22'39	13°57	18°30	23°30	21°36	27°14	21°45	26°20	22°49	25°25	2°14	1°42	26°39	n.a.	T 12
W13	14 43 55	11°19'44	28°10	19°53	24°13	21°59	27°27	21°41	26°19	22°51	25°26	2°R14	1°39	26°46	n.a.	W13
T 14	14 47 52	12°16'49	12♏43	21°20	24°56	22°22	27°41	21°37	26°17	22°52	25°27	2°14	1°36	26°53	n.a.	T 14
F 15	14 51 49	13°13'53	27°29	22°49	25°37	22°46	27°55	21°33	26°16	22°54	25°29	2°13	1°32	26°59	n.a.	F 15
S 16	14 55 45	14°10'57	12♐23	24°22	26°17	23°10	28° 8	21°29	26°14	22°56	25°30	2°12	1°29	27° 6	n.a.	S 16
S 17	14 59 42	15° 8'01	27°14	25°58	26°56	23°34	28°22	21°25	26°13	22°58	25°32	2°11	1°26	27°13	n.a.	S 17
M18	15 3 38	16° 5'06	11♑58	27°36	27°34	23°59	28°36	21°21	26°12	23° 0	25°33	2° 9	1°23	27°19	n.a.	M18
T 19	15 7 35	17° 2'10	26°27	29°18	28°11	24°24	28°49	21°18	26°10	23° 2	25°35	2° 8	1°20	27°26	n.a.	T 19
W20	15 11 31	17°59'14	10♒38	1♉ 3	28°46	24°49	29° 3	21°14	26° 9	23° 3	25°36	2° 7	1°17	27°33	n.a.	W20
T 21	15 15 28	18°56'19	24°28	2°51	29°21	25°15	29°16	21°10	26° 8	23° 5	25°38	2°D 7	1°13	27°39	n.a.	T 21
F 22	15 19 24	19°53'23	7♓59	4°42	29°54	25°41	29°30	21° 7	26° 7	23° 7	25°39	2° 8	1°10	27°46	n.a.	F 22
S 23	15 23 21	20°50'28	21°11	6°35	0♋26	26° 7	29°43	21° 3	26° 6	23° 9	25°41	2° 9	1° 7	27°53	n.a.	S 23
S 24	15 27 18	21°47'33	4♈ 5	8°31	0°56	26°33	29°57	21° 0	26° 4	23°11	25°42	2°10	1° 4	28° 0	n.a.	S 24
M25	15 31 14	22°44'38	16°45	10°29	1°25	27° 0	0♉10	20°56	26° 3	23°13	25°44	2°11	1° 1	28° 6	n.a.	M25
T 26	15 35 11	23°41'44	29°12	12°30	1°52	27°28	0°23	20°53	26° 2	23°15	25°45	2°R12	0°57	28°13	n.a.	T 26
W27	15 39 7	24°38'50	11♉28	14°32	2°18	27°55	0°37	20°50	26° 2	23°17	25°47	2°12	0°54	28°20	n.a.	W27
T 28	15 43 4	25°35'56	23°35	16°37	2°42	28°23	0°50	20°46	26° 1	23°19	25°48	2°10	0°51	28°26	n.a.	T 28
F 29	15 47 0	26°33'02	5♊35	18°43	3° 5	28°51	1° 3	20°43	26° 0	23°21	25°50	2° 8	0°48	28°33	n.a.	F 29
S 30	15 50 57	27°30'08	17°30	20°50	3°25	29°20	1°16	20°40	25°59	23°23	25°51	2° 4	0°45	28°40	n.a.	S 30
S 31	15 54 54	28♉27'15	29♊22	22♉58	3♋44	29♌49	1♉29	20♎37	25♍58	23♊25	25♉53	2♉ 0	0♉42	28♊46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	11n37	21n58	2n13	0s21	3s28	26n 9	3n15	17n14	1n36	8n54	0s53	6s31	2n35	2n 0	0n43	23n 7	0s30	15n20	4s 8	12n25	12n27	27n52		n.a.	F 1
S 2	11 57	25 17	3 10	0 3	3 28	26 14	3 14	17 6	1 34	8 59	0 53	6 29	2 35	2 1	0 43	23 7	0 30	15 21	4 8	12 26	12 26	27 52		n.a.	S 2
S 3	12 17	27 28	3 58	0n18	3 26	26 19	3 13	16 58	1 31	9 4	0 53	6 28	2 35	2 2	0 43	23 7	0 30	15 21	4 8	12 26	12 25	27 53		n.a.	S 3
M 4	12 37	28 24	4 36	0 40	3 24	26 23	3 12	16 50	1 29	9 9	0 53	6 26	2 34	2 2	0 43	23 7	0 30	15 22	4 8	12 26	12 24	27 54		n.a.	M 4
T 5	12 57	28 1	5 2	1 5	3 21	26 26	3 10	16 42	1 27	9 14	0 53	6 25	2 34	2 3	0 43	23 7	0 30	15 22	4 8	12 26	12 23	27 55		n.a.	T 5
W 6	13 17	26 20	5 15	1 32	3 18	26 29	3 8	16 33	1 25	9 20	0 53	6 23	2 34	2 4	0 43	23 7	0 30	15 23	4 8	12 26	12 22	27 55		n.a.	W 6
T 7	13 36	23 26	5 15	2 1	3 13	26 31	3 6	16 25	1 22	9 25	0 53	6 22	2 34	2 5	0 43	23 7	0 30	15 23	4 8	12 25	12 21	27 56		n.a.	T 7
F 8	13 55	19 26	5 0	2 32	3 8	26 32	3 4	16 16	1 20	9 30	0 53	6 20	2 34	2 5	0 43	23 7	0 30	15 23	4 8	12 26	12 20	27 57		n.a.	F 8
S 9	14 14	14 30	4 30	3 4	3 3	26 33	3 2	16 7	1 18	9 35	0 53	6 19	2 34	2 6	0 43	23 7	0 30	15 24	4 8	12 26	12 19	27 58		n.a.	S 9
S 10	14 33	8 48	3 46	3 39	2 56	26 34	2 59	15 58	1 16	9 40	0 53	6 17	2 34	2 7	0 43	23 8	0 30	15 24	4 8	12 26	12 17	27 58		n.a.	S 10
M11	14 52	2 31	2 49	4 15	2 49	26 33	2 56	15 49	1 14	9 45	0 52	6 16	2 34	2 7	0 43	23 8	0 30	15 25	4 8	12 26	12 16	27 59		n.a.	M11
T 12	15 10	4s 4	1 40	4 53	2 42	26 33	2 53	15 40	1 12	9 50	0 52	6 14	2 34	2 8	0 43	23 8	0 30	15 25	4 7	12 26	12 15	28 0		n.a.	T 12
W13	15 28	10 39	0 22	5 32	2 34	26 31	2 50	15 30	1 10	9 55	0 52	6 13	2 33	2 8	0 43	23 8	0 30	15 25	4 7	12 26	12 14	28 0		n.a.	W13
T 14	15 46	16 49	0s58	6 13	2 25	26 30	2 46	15 21	1 8	10 0	0 52	6 12	2 33	2 9	0 43	23 8	0 30	15 26	4 7	12 26	12 13	28 1		n.a.	T 14
F 15	16 4	22 6	2 15	6 55	2 16	26 27	2 43	15 11	1 6	10 5	0 52	6 10	2 33	2 10	0 43	23 8	0 30	15 26	4 7	12 26	12 12	28 2		n.a.	F 15
S 16	16 21	26 1	3 24	7 38	2 7	26 25	2 39	15 1	1 4	10 10	0 52	6 9	2 33	2 10	0 43	23 8	0 30	15 27	4 7	12 26	12 11	28 2		n.a.	S 16
S 17	16 38	28 7	4 19	8 23	1 57	26 21	2 34	14 51	1 2	10 15	0 52	6 8	2 33	2 11	0 43	23 8	0 30	15 27	4 7	12 25	12 10	28 3		n.a.	S 17
M18	16 55	28 12	4 57	9 8	1 46	26 18	2 30	14 41	1 0	10 20	0 52	6 6	2 33	2 11	0 43	23 9	0 29	15 28	4 7	12 25	12 8	28 4		n.a.	M18
T 19	17 11	26 20	5 14	9 55	1 36	26 13	2 25	14 31	0 58	10 25	0 52	6 5	2 33	2 12	0 42	23 9	0 29	15 28	4 7	12 24	12 7	28 4		n.a.	T 19
W20	17 28	22 51	5 12	10 42	1 25	26 8	2 20	14 20	0 56	10 30	0 52	6 4	2 32	2 12	0 42	23 9	0 29	15 28	4 7	12 24	12 6	28 5		n.a.	W20
T 21	17 44	18 9	4 52	11 30	1 14	26 3	2 14	14 10	0 54	10 35	0 52	6 2	2 32	2 13	0 42	23 9	0 29	15 29	4 7	12 24	12 5	28 5		n.a.	T 21
F 22	18 0	12 39	4 16	12 19	1 2	25 58	2 8	13 59	0 53	10 40	0 52	6 1	2 32	2 13	0 42	23 9	0 29	15 29	4 7	12 24	12 4	28 6		n.a.	F 22
S 23	18 15	6 43	3 27	13 8	0 51	25 52	2 2	13 49	0 51	10 45	0 52	6 0	2 32	2 13	0 42	23 9	0 29	15 30	4 7	12 25	12 3	28 7		n.a.	S 23
S 24	18 30	0 37	2 29	13 57	0 39	25 45	1 56	13 38	0 49	10 49	0 52	5 59	2 32	2 14	0 42	23 9	0 29	15 30	4 7	12 25	12 2	28 7		n.a.	S 24
M25	18 45	5n23	1 24	14 46	0 28	25 38	1 49	13 27	0 47	10 54	0 52	5 58	2 32	2 14	0 42	23 9	0 29	15 30	4 7	12 26	12 1	28 8		n.a.	M25
T 26	19 0	11 6	0 17	15 34	0 16	25 31	1 42	13 15	0 45	10 59	0 52	5 57	2 31	2 15	0 42	23 10	0 29	15 31	4 7	12 26	12 0	28 8		n.a.	T 26
W27	19 14	16 19	0n51	16 23	0 5	25 23	1 35	13 4	0 44	11 4	0 52	5 56	2 31	2 15	0 42	23 10	0 29	15 31	4 6	12 26	11 58	28 9		n.a.	W27
T 28	19 28	20 49	1 55	17 10	0n 6	25 15	1 27	12 53	0 42	11 8	0 52	5 55	2 31	2 15	0 42	23 10	0 29	15 32	4 6	12 25	11 57	28 10		n.a.	T 28
F 29	19 42	24 25	2 53	17 56	0 17	25 6	1 19	12 41	0 40	11 13	0 52	5 53	2 31	2 15	0 42	23 10	0 29	15 32	4 6	12 24	11 56	28 10		n.a.	F 29
S 30	19 55	26 56	3 43	18 41	0 27	24 57	1 11	12 29	0 39	11 18	0 52	5 52	2 31	2 16	0 42	23 10	0 29	15 32	4 6	12 23	11 55	28 11		n.a.	S 30
S 31	20n 8	28n13	4n24	19n25	0n37	24n48	1n 2	12n18	0n37	11n22	0s52	5s52	2n30	2n16	0n42	23n10	0s29	15n33	4s 6	12n21	11n54	28n11		n.a.	S 31

Julian Day Number = 1338396.5, Delta T = 07h17m59s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'08, Lahiri = -18°26'08 Julian Calendar 1 May 1049 BCE == Greg. Calendar 21 Apr. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

JUNE 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 58 50	29♉24'21	11♋12	25♉ 7	4♋ 1	0♍18	1♉42	20°R34	25°R58	23♊27	25♉54	1°R55	0♉38	28♊53	n.a.	M 1
T 2	16 2 47	0♊21'28	23° 4	27°16	4°17	0°47	1°55	20♎31	25♍57	23°29	25°56	1♉51	0°35	29° 0	n.a.	T 2
W 3	16 6 43	1°18'35	5♌ 1	29°26	4°30	1°17	2° 8	20°28	25°56	23°31	25°57	1°48	0°32	29° 7	n.a.	W 3
T 4	16 10 40	2°15'42	17° 7	1♊35	4°41	1°47	2°21	20°26	25°56	23°34	25°59	1°45	0°29	29°13	n.a.	T 4
F 5	16 14 36	3°12'49	29°25	3°44	4°50	2°17	2°34	20°23	25°55	23°36	26° 0	1°D44	0°26	29°20	n.a.	F 5
S 6	16 18 33	4° 9'56	12♍ 1	5°52	4°57	2°47	2°47	20°20	25°55	23°38	26° 2	1°44	0°23	29°27	n.a.	S 6
S 7	16 22 29	5° 7'04	24°57	7°59	5° 1	3°18	3° 0	20°18	25°55	23°40	26° 3	1°45	0°19	29°33	n.a.	S 7
M 8	16 26 26	6° 4'11	8♎18	10° 6	5° 4	3°49	3°12	20°16	25°54	23°42	26° 5	1°47	0°16	29°40	n.a.	M 8
T 9	16 30 23	7° 1'19	22° 6	12°11	5°R 4	4°20	3°25	20°13	25°54	23°44	26° 6	1°48	0°13	29°47	n.a.	T 9
W10	16 34 19	7°58'28	6♏22	14°15	5° 2	4°51	3°38	20°11	25°54	23°46	26° 8	1°R48	0°10	29°54	n.a.	W10
T 11	16 38 16	8°55'36	21° 2	16°17	4°57	5°23	3°50	20° 9	25°54	23°48	26° 9	1°47	0° 7	0♋ 0	n.a.	T 11
F 12	16 42 12	9°52'46	6♐ 1	18°18	4°50	5°55	4° 3	20° 7	25°53	23°51	26°10	1°44	0° 3	0° 7	n.a.	F 12
S 13	16 46 9	10°49'56	21°12	20°17	4°41	6°27	4°15	20° 5	25°53	23°53	26°12	1°40	0° 0	0°14	n.a.	S 13
S 14	16 50 5	11°47'07	6♑24	22°15	4°29	6°59	4°28	20° 3	25°D53	23°55	26°13	1°34	29♈57	0°20	n.a.	S 14
M15	16 54 2	12°44'19	21°28	24°11	4°15	7°32	4°40	20° 1	25°53	23°57	26°15	1°28	29°54	0°27	n.a.	M15
T 16	16 57 59	13°41'31	6♒13	26° 5	3°59	8° 4	4°52	19°59	25°53	23°59	26°16	1°23	29°51	0°34	n.a.	T 16
W17	17 1 55	14°38'45	20°36	27°58	3°40	8°37	5° 4	19°57	25°54	24° 2	26°18	1°19	29°48	0°40	n.a.	W17
T 18	17 5 52	15°36'00	4♓31	29°49	3°19	9°11	5°17	19°56	25°54	24° 4	26°19	1°17	29°44	0°47	n.a.	T 18
F 19	17 9 48	16°33'15	18° 1	1♋38	2°56	9°44	5°29	19°54	25°54	24° 6	26°21	1°D16	29°41	0°54	n.a.	F 19
S 20	17 13 45	17°30'32	1♈ 6	3°26	2°31	10°18	5°41	19°53	25°54	24° 8	26°22	1°17	29°38	1° 1	n.a.	S 20
S 21	17 17 41	18°27'51	13°51	5°12	2° 4	10°51	5°52	19°52	25°55	24°10	26°23	1°18	29°35	1° 7	n.a.	S 21
M22	17 21 38	19°25'10	26°18	6°56	1°35	11°25	6° 4	19°51	25°55	24°13	26°25	1°R19	29°32	1°14	n.a.	M22
T 23	17 25 34	20°22'31	8♉32	8°39	1° 4	11°59	6°16	19°49	25°55	24°15	26°26	1°19	29°29	1°21	n.a.	T 23
W24	17 29 31	21°19'52	20°37	10°19	0°32	12°34	6°28	19°48	25°56	24°17	26°28	1°17	29°25	1°27	n.a.	W24
T 25	17 33 28	22°17'16	2♊34	11°59	29♊59	13° 8	6°39	19°47	25°57	24°19	26°29	1°13	29°22	1°34	n.a.	T 25
F 26	17 37 24	23°14'40	14°28	13°36	29°24	13°43	6°51	19°47	25°57	24°22	26°30	1° 6	29°19	1°41	n.a.	F 26
S 27	17 41 21	24°12'05	26°19	15°12	28°49	14°18	7° 2	19°46	25°58	24°24	26°32	0°58	29°16	1°48	n.a.	S 27
S 28	17 45 17	25° 9'32	8♋10	16°46	28°13	14°53	7°14	19°45	25°59	24°26	26°33	0°48	29°13	1°54	n.a.	S 28
M29	17 49 14	26° 7'00	20° 2	18°19	27°36	15°29	7°25	19°45	25°59	24°28	26°34	0°37	29° 9	2° 1	n.a.	M29
T 30	17 53 10	27♊ 4'28	1♌57	19♋50	26♊59	16♍ 4	7♉36	19♎44	26♍ 0	24♊30	26♉36	0♉27	29♈ 6	2♋ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n21	28n12	4n52	20n 6	0n47	24n38	0n53	12n 6	0n35	11n27	0s52	5s51	2n30	2n16	0n42	23n10	0s29	15n33	4s 6	12n20	11n53	28n12		n.a.
T 2	20 33	26 53	5 9	20 46	0 56	24 29	0 43	11 54	0 34	11 31	0 52	5 50	2 30	2 16	0 42	23 10	0 29	15 34	4 6	12 18	11 52	28 12		n.a.
W 3	20 45	24 21	5 12	21 24	1 4	24 18	0 34	11 41	0 32	11 36	0 52	5 49	2 30	2 17	0 42	23 11	0 29	15 34	4 6	12 17	11 50	28 13		n.a.
T 4	20 57	20 44	5 1	21 59	1 12	24 8	0 24	11 29	0 30	11 41	0 52	5 48	2 30	2 17	0 42	23 11	0 29	15 34	4 6	12 16	11 49	28 13		n.a.
F 5	21 8	16 10	4 37	22 32	1 19	23 57	0 13	11 17	0 29	11 45	0 52	5 47	2 29	2 17	0 42	23 11	0 29	15 35	4 6	12 16	11 48	28 14		n.a.
S 6	21 19	10 50	3 59	23 2	1 26	23 46	0 2	11 4	0 27	11 50	0 52	5 46	2 29	2 17	0 42	23 11	0 29	15 35	4 6	12 16	11 47	28 14		n.a.
S 7	21 30	4 54	3 8	23 30	1 31	23 34	0s 9	10 51	0 26	11 54	0 52	5 46	2 29	2 17	0 42	23 11	0 29	15 36	4 6	12 16	11 46	28 15		n.a.
M 8	21 40	1s26	2 5	23 55	1 37	23 23	0 21	10 38	0 24	11 58	0 52	5 45	2 29	2 17	0 42	23 11	0 29	15 36	4 6	12 17	11 45	28 15		n.a.
T 9	21 50	7 56	0 53	24 17	1 41	23 11	0 33	10 25	0 23	12 3	0 52	5 44	2 28	2 17	0 42	23 11	0 29	15 36	4 6	12 17	11 44	28 16		n.a.
W10	21 59	14 15	0s25	24 36	1 45	22 59	0 45	10 12	0 21	12 7	0 52	5 44	2 28	2 17	0 42	23 11	0 29	15 37	4 6	12 17	11 43	28 16		n.a.
T 11	22 8	19 57	1 43	24 53	1 48	22 46	0 58	9 59	0 20	12 11	0 52	5 43	2 28	2 18	0 42	23 11	0 29	15 37	4 6	12 17	11 41	28 17		n.a.
F 12	22 17	24 32	2 55	25 7	1 50	22 34	1 10	9 46	0 18	12 16	0 52	5 42	2 28	2 18	0 42	23 12	0 29	15 37	4 6	12 16	11 40	28 17		n.a.
S 13	22 26	27 27	3 56	25 19	1 52	22 21	1 24	9 33	0 17	12 20	0 52	5 42	2 28	2 18	0 42	23 12	0 29	15 38	4 6	12 14	11 39	28 17		n.a.
S 14	22 34	28 20	4 40	25 28	1 53	22 8	1 37	9 19	0 15	12 24	0 52	5 41	2 27	2 17	0 41	23 12	0 29	15 38	4 6	12 12	11 38	28 18		n.a.
M15	22 41	27 5	5 5	25 34	1 53	21 55	1 51	9 5	0 14	12 28	0 52	5 41	2 27	2 17	0 41	23 12	0 29	15 39	4 6	12 10	11 37	28 18		n.a.
T 16	22 48	23 59	5 8	25 38	1 53	21 41	2 5	8 52	0 12	12 33	0 52	5 40	2 27	2 17	0 41	23 12	0 29	15 39	4 6	12 9	11 36	28 19		n.a.
W17	22 55	19 28	4 52	25 40	1 52	21 28	2 19	8 38	0 11	12 37	0 52	5 40	2 27	2 17	0 41	23 12	0 29	15 39	4 6	12 7	11 35	28 19		n.a.
T 18	23 2	14 1	4 19	25 40	1 50	21 14	2 33	8 24	0 9	12 41	0 52	5 40	2 26	2 17	0 41	23 12	0 29	15 40	4 6	12 6	11 33	28 19		n.a.
F 19	23 8	8 3	3 32	25 37	1 48	21 1	2 47	8 10	0 8	12 45	0 52	5 39	2 26	2 17	0 41	23 12	0 29	15 40	4 6	12 6	11 32	28 20		n.a.
S 20	23 13	1 56	2 36	25 32	1 46	20 47	3 1	7 56	0 7	12 49	0 52	5 39	2 26	2 17	0 41	23 13	0 29	15 40	4 6	12 6	11 31	28 20		n.a.
S 21	23 19	4n 7	1 33	25 26	1 43	20 33	3 15	7 42	0 5	12 53	0 52	5 39	2 26	2 17	0 41	23 13	0 29	15 41	4 6	12 7	11 30	28 21		n.a.
M22	23 24	9 53	0 27	25 17	1 39	20 19	3 29	7 27	0 4	12 57	0 52	5 39	2 25	2 17	0 41	23 13	0 29	15 41	4 5	12 7	11 29	28 21		n.a.
T 23	23 28	15 11	0n39	25 7	1 35	20 6	3 43	7 13	0 3	13 1	0 52	5 38	2 25	2 16	0 41	23 13	0 29	15 41	4 5	12 7	11 28	28 21		n.a.
W24	23 32	19 49	1 42	24 55	1 31	19 52	3 57	6 58	0 1	13 5	0 52	5 38	2 25	2 16	0 41	23 13	0 29	15 42	4 5	12 6	11 27	28 22		n.a.
T 25	23 36	23 37	2 40	24 42	1 26	19 38	4 11	6 44	0 0	13 9	0 52	5 38	2 25	2 16	0 41	23 13	0 29	15 42	4 5	12 5	11 26	28 22		n.a.
F 26	23 39	26 23	3 30	24 27	1 20	19 25	4 24	6 29	0s 1	13 12	0 52	5 38	2 24	2 15	0 41	23 13	0 29	15 42	4 5	12 3	11 24	28 22		n.a.
S 27	23 42	27 57	4 11	24 11	1 15	19 12	4 37	6 14	0 3	13 16	0 52	5 38	2 24	2 15	0 41	23 13	0 29	15 43	4 5	12 0	11 23	28 23		n.a.
S 28	23 44	28 15	4 41	23 53	1 9	18 59	4 50	5 59	0 4	13 20	0 52	5 38	2 24	2 15	0 41	23 13	0 29	15 43	4 5	11 56	11 22	28 23		n.a.
M29	23 46	27 14	4 59	23 34	1 2	18 46	5 2	5 44	0 5	13 24	0 52	5 38	2 23	2 15	0 41	23 14	0 29	15 43	4 5	11 52	11 21	28 23		n.a.
T 30	23n47	24n59	5n 4	23n14	0n55	18n34	5s13	5n29	0s 6	13n27	0s52	5s38	2n23	2n14	0n41	23n14	0s29	15n44	4s 5	11n49	11n20	28n24		n.a.

Julian Day Number = 1338427.5, Delta T = 07h17m57s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'04, Lahiri = -18°26'04 Julian Calendar 1 June 1049 BCE == Greg. Calendar 22 May 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

JULY 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 57 7	28♊ 1'58	13♌57	21♋19	26°R22	16♍40	7♉47	19°R44	26♍ 1	24♊33	26♉37	0°R18	29♈ 3	2♋14	n.a.	W 1
T 2	18 1 4	28°59'29	26° 4	22°46	25♊45	17°16	7°58	19♎44	26° 2	24°35	26°38	0♉11	29° 0	2°21	n.a.	T 2
F 3	18 5 0	29°57'01	8♍23	24°12	25° 9	17°52	8° 9	19°43	26° 3	24°37	26°40	0° 7	28°57	2°28	n.a.	F 3
S 4	18 8 57	0♋54'34	20°56	25°36	24°33	18°28	8°20	19°D43	26° 4	24°39	26°41	0° 5	28°54	2°35	n.a.	S 4
S 5	18 12 53	1°52'08	3♎48	26°58	23°58	19° 4	8°31	19°43	26° 5	24°42	26°42	0°D 4	28°50	2°41	n.a.	S 5
M 6	18 16 50	2°49'43	17° 2	28°18	23°24	19°41	8°42	19°43	26° 6	24°44	26°43	0° 5	28°47	2°48	n.a.	M 6
T 7	18 20 46	3°47'19	0♏42	29°37	22°52	20°18	8°52	19°44	26° 7	24°46	26°45	0°R 5	28°44	2°55	n.a.	T 7
W 8	18 24 43	4°44'57	14°49	0♌53	22°21	20°55	9° 3	19°44	26° 8	24°48	26°46	0° 4	28°41	3° 1	n.a.	W 8
T 9	18 28 39	5°42'35	29°24	2° 8	21°52	21°32	9°13	19°44	26°10	24°50	26°47	0° 1	28°38	3° 8	n.a.	T 9
F 10	18 32 36	6°40'15	14♐21	3°20	21°24	22° 9	9°23	19°45	26°11	24°53	26°48	29♈56	28°35	3°15	n.a.	F 10
S 11	18 36 33	7°37'57	29°35	4°31	20°59	22°46	9°33	19°45	26°12	24°55	26°49	29°48	28°31	3°21	n.a.	S 11
S 12	18 40 29	8°35'40	14♑55	5°39	20°35	23°24	9°44	19°46	26°14	24°57	26°51	29°39	28°28	3°28	n.a.	S 12
M13	18 44 26	9°33'24	0♒ 9	6°45	20°14	24° 1	9°54	19°47	26°15	24°59	26°52	29°29	28°25	3°35	n.a.	M13
T 14	18 48 22	10°31'10	15° 7	7°48	19°55	24°39	10° 3	19°48	26°17	25° 1	26°53	29°20	28°22	3°42	n.a.	T 14
W15	18 52 19	11°28'58	29°40	8°50	19°38	25°17	10°13	19°49	26°18	25° 4	26°54	29°12	28°19	3°48	n.a.	W15
T 16	18 56 15	12°26'48	13♓45	9°48	19°24	25°55	10°23	19°50	26°20	25° 6	26°55	29° 7	28°15	3°55	n.a.	T 16
F 17	19 0 12	13°24'39	27°20	10°44	19°12	26°33	10°32	19°51	26°22	25° 8	26°56	29° 4	28°12	4° 2	n.a.	F 17
S 18	19 4 8	14°22'33	10♈27	11°36	19° 2	27°12	10°42	19°52	26°23	25°10	26°57	29°D 3	28° 9	4° 8	n.a.	S 18
S 19	19 8 5	15°20'28	23° 9	12°26	18°55	27°50	10°51	19°54	26°25	25°12	26°58	29°R 3	28° 6	4°15	n.a.	S 19
M20	19 12 2	16°18'25	5♉32	13°12	18°50	28°29	11° 0	19°55	26°27	25°14	26°59	29° 3	28° 3	4°22	n.a.	M20
T 21	19 15 58	17°16'25	17°41	13°55	18°48	29° 8	11° 9	19°57	26°29	25°16	27° 0	29° 2	28° 0	4°29	n.a.	T 21
W22	19 19 55	18°14'27	29°39	14°34	18°D48	29°47	11°18	19°58	26°31	25°18	27° 2	28°58	27°56	4°35	n.a.	W22
T 23	19 23 51	19°12'30	11♊32	15° 9	18°50	0♎26	11°27	20° 0	26°33	25°20	27° 3	28°52	27°53	4°42	n.a.	T 23
F 24	19 27 48	20°10'36	23°22	15°40	18°55	1° 5	11°36	20° 2	26°35	25°23	27° 3	28°43	27°50	4°49	n.a.	F 24
S 25	19 31 44	21° 8'43	5♋13	16° 7	19° 1	1°44	11°44	20° 4	26°37	25°25	27° 4	28°32	27°47	4°55	n.a.	S 25
S 26	19 35 41	22° 6'53	17° 6	16°28	19°10	2°24	11°53	20° 6	26°39	25°27	27° 5	28°18	27°44	5° 2	n.a.	S 26
M27	19 39 37	23° 5'04	29° 2	16°45	19°21	3° 3	12° 1	20° 8	26°41	25°29	27° 6	28° 4	27°41	5° 9	n.a.	M27
T 28	19 43 34	24° 3'17	11♌ 4	16°57	19°35	3°43	12° 9	20°10	26°43	25°31	27° 7	27°50	27°37	5°16	n.a.	T 28
W29	19 47 31	25° 1'32	23°12	17°R 2	19°50	4°23	12°17	20°12	26°45	25°33	27° 8	27°38	27°34	5°22	n.a.	W29
T 30	19 51 27	25°59'48	5♍27	17° 2	20° 7	5° 3	12°25	20°15	26°48	25°35	27° 9	27°28	27°31	5°29	n.a.	T 30
F 31	19 55 24	26♋58'07	17♍52	16♌56	20♊26	5♎43	12♉33	20♎17	26♍50	25♊37	27♉10	27♈21	27♈28	5♋36	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	21n37	4n56	22n54	0n48	18n22	5s24	5n14	0s 8	13n31	0s52	5s38	2n23	2n14	0n41	23n14	0s29	15n44	4s 5	11n46	11n19	28n24			n.a.
T 2	23 49	17 19	4 34	22 32	0 40	18 11	5 35	4 58	0 9	13 35	0 52	5 38	2 23	2 13	0 41	23 14	0 29	15 44	4 5	11 43	11 18	28 24			n.a.
F 3	23 49	12 15	4 0	22 9	0 33	18 0	5 44	4 43	0 10	13 38	0 52	5 38	2 22	2 13	0 41	23 14	0 29	15 45	4 5	11 42	11 16	28 24			n.a.
S 4	23 49	6 36	3 13	21 46	0 25	17 49	5 54	4 28	0 11	13 42	0 52	5 39	2 22	2 12	0 41	23 14	0 29	15 45	4 5	11 41	11 15	28 25			n.a.
S 5	23 49	0 32	2 15	21 22	0 16	17 39	6 2	4 12	0 12	13 45	0 52	5 39	2 22	2 12	0 41	23 14	0 29	15 45	4 5	11 41	11 14	28 25			n.a.
M 6	23 47	5s44	1 9	20 57	0 7	17 30	6 10	3 56	0 14	13 49	0 52	5 39	2 22	2 12	0 41	23 14	0 29	15 45	4 5	11 41	11 13	28 25			n.a.
T 7	23 46	11 57	0s 3	20 32	0s 2	17 22	6 17	3 41	0 15	13 52	0 52	5 40	2 21	2 11	0 40	23 14	0 29	15 46	4 5	11 41	11 12	28 25			n.a.
W 8	23 44	17 47	1 18	20 6	0 11	17 14	6 23	3 25	0 16	13 55	0 52	5 40	2 21	2 10	0 40	23 14	0 29	15 46	4 5	11 41	11 11	28 26			n.a.
T 9	23 42	22 46	2 29	19 41	0 20	17 6	6 28	3 9	0 17	13 59	0 52	5 40	2 21	2 10	0 40	23 15	0 29	15 46	4 5	11 40	11 9	28 26			n.a.
F 10	23 39	26 24	3 32	19 14	0 30	17 0	6 33	2 53	0 18	14 2	0 52	5 41	2 21	2 9	0 40	23 15	0 29	15 47	4 5	11 38	11 8	28 26			n.a.
S 11	23 36	28 11	4 22	18 48	0 39	16 54	6 37	2 37	0 19	14 5	0 52	5 41	2 20	2 9	0 40	23 15	0 29	15 47	4 5	11 35	11 7	28 26			n.a.
S 12	23 32	27 49	4 52	18 22	0 49	16 49	6 41	2 21	0 20	14 8	0 52	5 42	2 20	2 8	0 40	23 15	0 29	15 47	4 5	11 32	11 6	28 26			n.a.
M13	23 28	25 21	5 2	17 55	0 59	16 45	6 43	2 5	0 21	14 12	0 52	5 42	2 20	2 7	0 40	23 15	0 29	15 47	4 5	11 28	11 5	28 27			n.a.
T 14	23 24	21 11	4 51	17 29	1 10	16 42	6 45	1 49	0 23	14 15	0 52	5 43	2 19	2 7	0 40	23 15	0 29	15 48	4 5	11 25	11 4	28 27			n.a.
W15	23 19	15 50	4 21	17 3	1 20	16 39	6 47	1 33	0 24	14 18	0 52	5 44	2 19	2 6	0 40	23 15	0 29	15 48	4 5	11 22	11 3	28 27			n.a.
T 16	23 14	9 48	3 36	16 37	1 31	16 37	6 47	1 16	0 25	14 21	0 52	5 44	2 19	2 5	0 40	23 15	0 29	15 48	4 5	11 20	11 1	28 27			n.a.
F 17	23 8	3 31	2 40	16 12	1 41	16 36	6 48	1 0	0 26	14 24	0 52	5 45	2 19	2 5	0 40	23 15	0 29	15 48	4 5	11 19	11 0	28 27			n.a.
S 18	23 2	2n43	1 37	15 47	1 52	16 36	6 47	0 43	0 27	14 27	0 52	5 46	2 18	2 4	0 40	23 15	0 29	15 49	4 5	11 19	10 59	28 27			n.a.
S 19	22 55	8 39	0 31	15 23	2 2	16 36	6 46	0 27	0 28	14 30	0 52	5 46	2 18	2 3	0 40	23 15	0 29	15 49	4 6	11 19	10 58	28 27			n.a.
M20	22 48	14 7	0n34	15 0	2 13	16 37	6 45	0 10	0 29	14 32	0 52	5 47	2 18	2 3	0 40	23 16	0 29	15 49	4 6	11 19	10 57	28 28			n.a.
T 21	22 41	18 55	1 37	14 38	2 24	16 39	6 43	0s 6	0 30	14 35	0 52	5 48	2 18	2 2	0 40	23 16	0 29	15 49	4 6	11 18	10 56	28 28			n.a.
W22	22 33	22 55	2 34	14 16	2 34	16 41	6 41	0 23	0 31	14 38	0 52	5 49	2 17	2 1	0 40	23 16	0 29	15 49	4 6	11 17	10 55	28 28			n.a.
T 23	22 25	25 54	3 24	13 56	2 44	16 44	6 38	0 39	0 32	14 41	0 52	5 50	2 17	2 0	0 40	23 16	0 29	15 50	4 6	11 15	10 53	28 28			n.a.
F 24	22 17	27 44	4 5	13 37	2 55	16 47	6 35	0 56	0 33	14 43	0 52	5 51	2 17	1 59	0 40	23 16	0 29	15 50	4 6	11 11	10 52	28 28			n.a.
S 25	22 8	28 18	4 35	13 20	3 5	16 51	6 32	1 13	0 34	14 46	0 52	5 52	2 17	1 58	0 40	23 16	0 29	15 50	4 6	11 7	10 51	28 28			n.a.
S 26	21 58	27 34	4 54	13 4	3 14	16 56	6 28	1 30	0 35	14 49	0 53	5 53	2 16	1 58	0 40	23 16	0 29	15 50	4 6	11 2	10 50	28 28			n.a.
M27	21 49	25 33	4 59	12 50	3 24	17 1	6 24	1 47	0 36	14 51	0 53	5 54	2 16	1 57	0 40	23 16	0 29	15 50	4 6	10 57	10 49	28 28			n.a.
T 28	21 39	22 24	4 52	12 38	3 32	17 6	6 19	2 3	0 37	14 54	0 53	5 55	2 16	1 56	0 40	23 16	0 29	15 51	4 6	10 52	10 48	28 28			n.a.
W29	21 28	18 15	4 31	12 28	3 41	17 12	6 15	2 20	0 38	14 56	0 53	5 56	2 16	1 55	0 40	23 16	0 29	15 51	4 6	10 48	10 46	28 28			n.a.
T 30	21 17	13 19	3 57	12 21	3 48	17 18	6 10	2 37	0 38	14 59	0 53	5 57	2 15	1 54	0 40	23 16	0 29	15 51	4 6	10 44	10 45	28 28			n.a.
F 31	21n 6	7n48	3n12	12n17	3s55	17n24	6s 5	2s54	0s39	15n 1	0s53	5s58	2n15	1n53	0n40	23n16	0s29	15n51	4s 6	10n42	10n44	28n28			n.a.

Julian Day Number = 1338457.5, Delta T = 07h17m56s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°33'00, Lahiri = -18°25'59 Julian Calendar 1 July 1049 BCE == Greg. Calendar 21 June 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

AUGUST 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 20	27♋56'27	0♎30	16°R43	20♊47	6♎23	12♉41	20♎20	26♍52	25♊39	27♉11	27°R17	27♈25	5♋42	n.a.	S 1
S 2	20 3 17	28°54'49	13°22	16♌24	21° 9	7° 4	12°48	20°22	26°55	25°41	27°12	27♈15	27°21	5°49	n.a.	S 2
M 3	20 7 13	29°53'12	26°33	15°59	21°34	7°44	12°56	20°25	26°57	25°42	27°12	27°15	27°18	5°56	n.a.	M 3
T 4	20 11 10	0♌51'37	10♏ 6	15°27	22° 0	8°25	13° 3	20°28	27° 0	25°44	27°13	27°15	27°15	6° 3	n.a.	T 4
W 5	20 15 6	1°50'05	24° 2	14°48	22°27	9° 5	13°10	20°31	27° 2	25°46	27°14	27°14	27°12	6° 9	n.a.	W 5
T 6	20 19 3	2°48'33	8♐23	14° 3	22°56	9°46	13°17	20°34	27° 5	25°48	27°15	27°10	27° 9	6°16	n.a.	T 6
F 7	20 22 59	3°47'04	23° 6	13°13	23°27	10°27	13°23	20°37	27° 7	25°50	27°15	27° 5	27° 6	6°23	n.a.	F 7
S 8	20 26 56	4°45'37	8♑ 7	12°18	23°59	11° 8	13°30	20°40	27°10	25°52	27°16	26°56	27° 2	6°29	n.a.	S 8
S 9	20 30 53	5°44'11	23°17	11°19	24°33	11°49	13°37	20°43	27°13	25°54	27°17	26°46	26°59	6°36	n.a.	S 9
M10	20 34 49	6°42'47	8♒26	10°17	25° 8	12°31	13°43	20°47	27°15	25°55	27°17	26°35	26°56	6°43	n.a.	M10
T 11	20 38 46	7°41'26	23°23	9°14	25°44	13°12	13°49	20°50	27°18	25°57	27°18	26°24	26°53	6°50	n.a.	T 11
W12	20 42 42	8°40'06	7♓59	8°11	26°21	13°54	13°55	20°54	27°21	25°59	27°19	26°16	26°50	6°56	n.a.	W12
T 13	20 46 39	9°38'49	22° 9	7° 9	27° 0	14°35	14° 1	20°57	27°24	26° 1	27°19	26° 9	26°47	7° 3	n.a.	T 13
F 14	20 50 35	10°37'34	5♈50	6°10	27°40	15°17	14° 7	21° 1	27°26	26° 2	27°20	26° 6	26°43	7°10	n.a.	F 14
S 15	20 54 32	11°36'22	19° 2	5°15	28°21	15°59	14°12	21° 5	27°29	26° 4	27°20	26° 4	26°40	7°16	n.a.	S 15
S 16	20 58 28	12°35'11	1♉48	4°26	29° 3	16°41	14°17	21° 8	27°32	26° 6	27°21	26°D 4	26°37	7°23	n.a.	S 16
M17	21 2 25	13°34'04	14°13	3°45	29°46	17°23	14°23	21°12	27°35	26° 7	27°21	26°R 4	26°34	7°30	n.a.	M17
T 18	21 6 22	14°32'58	26°22	3°12	0♋30	18° 5	14°28	21°16	27°38	26° 9	27°22	26° 4	26°31	7°37	n.a.	T 18
W19	21 10 18	15°31'56	8♊19	2°48	1°15	18°47	14°32	21°20	27°41	26°11	27°22	26° 1	26°27	7°43	n.a.	W19
T 20	21 14 15	16°30'55	20°11	2°33	2° 1	19°29	14°37	21°24	27°44	26°12	27°23	25°56	26°24	7°50	n.a.	T 20
F 21	21 18 11	17°29'58	2♋ 1	2°D29	2°48	20°12	14°42	21°29	27°47	26°14	27°23	25°49	26°21	7°57	n.a.	F 21
S 22	21 22 8	18°29'02	13°53	2°35	3°35	20°54	14°46	21°33	27°50	26°15	27°24	25°39	26°18	8° 4	n.a.	S 22
S 23	21 26 4	19°28'09	25°50	2°51	4°24	21°37	14°50	21°37	27°53	26°17	27°24	25°27	26°15	8°10	n.a.	S 23
M24	21 30 1	20°27'18	7♌54	3°17	5°13	22°19	14°54	21°42	27°57	26°18	27°24	25°15	26°12	8°17	n.a.	M24
T 25	21 33 57	21°26'29	20° 5	3°52	6° 4	23° 2	14°58	21°46	28° 0	26°20	27°25	25° 2	26° 8	8°24	n.a.	T 25
W26	21 37 54	22°25'42	2♍26	4°36	6°55	23°45	15° 1	21°51	28° 3	26°21	27°25	24°52	26° 5	8°30	n.a.	W26
T 27	21 41 51	23°24'58	14°55	5°29	7°46	24°28	15° 5	21°55	28° 6	26°23	27°25	24°43	26° 2	8°37	n.a.	T 27
F 28	21 45 47	24°24'15	27°35	6°29	8°39	25°11	15° 8	22° 0	28°10	26°24	27°25	24°37	25°59	8°44	n.a.	F 28
S 29	21 49 44	25°23'35	10♎26	7°36	9°32	25°54	15°11	22° 5	28°13	26°25	27°26	24°34	25°56	8°51	n.a.	S 29
S 30	21 53 40	26°22'56	23°29	8°50	10°25	26°38	15°14	22°10	28°16	26°27	27°26	24°D33	25°53	8°57	n.a.	S 30
M31	21 57 37	27♌22'20	6♏47	10♌ 8	11♋20	27♎21	15♉16	22♎15	28♍20	26♊28	27♉26	24♈33	25♈49	9♋ 4	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n54	1n53	2n16	12n15	4s 1	17n31	6s 0	3s11	0s40	15n 3	0s53	5s59	2n15	1n52	0n40	23n16	0s29	15n51	4s 6	10n40	10n43	28n28		n.a.
S 2	20 42	4s15	1 13	12 16	4 6	17 38	5 54	3 28	0 41	15 5	0 53	6 1	2 15	1 51	0 39	23 16	0 29	15 51	4 6	10 40	10 42	28 28		n.a.
M 3	20 30	10 21	0 4	12 20	4 9	17 45	5 49	3 45	0 42	15 8	0 53	6 2	2 14	1 50	0 39	23 17	0 29	15 52	4 6	10 39	10 41	28 28		n.a.
T 4	20 17	16 8	1s 7	12 27	4 12	17 52	5 43	4 2	0 43	15 10	0 53	6 3	2 14	1 49	0 39	23 17	0 29	15 52	4 6	10 39	10 39	28 28		n.a.
W 5	20 4	21 17	2 16	12 38	4 12	18 0	5 37	4 20	0 44	15 12	0 53	6 5	2 14	1 48	0 39	23 17	0 29	15 52	4 6	10 39	10 38	28 28		n.a.
T 6	19 51	25 19	3 19	12 52	4 11	18 7	5 31	4 37	0 45	15 14	0 53	6 6	2 14	1 47	0 39	23 17	0 29	15 52	4 6	10 38	10 37	28 28		n.a.
F 7	19 37	27 48	4 10	13 9	4 9	18 15	5 25	4 54	0 45	15 16	0 53	6 7	2 13	1 46	0 39	23 17	0 29	15 52	4 6	10 36	10 36	28 28		n.a.
S 8	19 23	28 18	4 45	13 29	4 4	18 23	5 19	5 11	0 46	15 18	0 53	6 9	2 13	1 45	0 39	23 17	0 29	15 52	4 6	10 33	10 35	28 28		n.a.
S 9	19 8	26 42	5 0	13 52	3 57	18 30	5 12	5 28	0 47	15 20	0 53	6 10	2 13	1 44	0 39	23 17	0 29	15 52	4 6	10 29	10 34	28 28		n.a.
M10	18 53	23 10	4 54	14 17	3 48	18 38	5 6	5 45	0 48	15 22	0 53	6 12	2 13	1 42	0 39	23 17	0 29	15 53	4 6	10 25	10 33	28 28		n.a.
T 11	18 38	18 9	4 28	14 44	3 38	18 46	4 59	6 2	0 49	15 24	0 53	6 13	2 12	1 41	0 39	23 17	0 29	15 53	4 6	10 21	10 31	28 28		n.a.
W12	18 23	12 11	3 45	15 13	3 25	18 54	4 53	6 19	0 49	15 25	0 53	6 15	2 12	1 40	0 39	23 17	0 29	15 53	4 6	10 18	10 30	28 28		n.a.
T 13	18 7	5 45	2 49	15 43	3 11	19 1	4 46	6 36	0 50	15 27	0 53	6 16	2 12	1 39	0 39	23 17	0 29	15 53	4 6	10 15	10 29	28 28		n.a.
F 14	17 51	0n45	1 45	16 13	2 55	19 9	4 39	6 53	0 51	15 29	0 54	6 18	2 12	1 38	0 39	23 17	0 29	15 53	4 6	10 14	10 28	28 28		n.a.
S 15	17 35	7 0	0 37	16 43	2 37	19 16	4 33	7 11	0 52	15 30	0 54	6 20	2 11	1 37	0 39	23 17	0 29	15 53	4 6	10 13	10 27	28 28		n.a.
S 16	17 18	12 46	0n30	17 12	2 19	19 23	4 26	7 28	0 52	15 32	0 54	6 21	2 11	1 35	0 39	23 17	0 29	15 53	4 6	10 13	10 26	28 28		n.a.
M17	17 1	17 52	1 35	17 41	2 0	19 30	4 19	7 45	0 53	15 33	0 54	6 23	2 11	1 34	0 39	23 17	0 29	15 53	4 6	10 13	10 24	28 28		n.a.
T 18	16 44	22 8	2 33	18 7	1 41	19 37	4 12	8 2	0 54	15 35	0 54	6 25	2 11	1 33	0 39	23 17	0 29	15 53	4 6	10 13	10 23	28 28		n.a.
W19	16 26	25 24	3 24	18 32	1 21	19 44	4 5	8 19	0 55	15 36	0 54	6 26	2 10	1 32	0 39	23 17	0 29	15 53	4 6	10 12	10 22	28 27		n.a.
T 20	16 8	27 32	4 6	18 54	1 2	19 50	3 59	8 36	0 55	15 37	0 54	6 28	2 10	1 30	0 39	23 18	0 29	15 53	4 6	10 11	10 21	28 27		n.a.
F 21	15 50	28 25	4 37	19 14	0 43	19 56	3 52	8 53	0 56	15 39	0 54	6 30	2 10	1 29	0 39	23 18	0 29	15 53	4 7	10 8	10 20	28 27		n.a.
S 22	15 32	27 59	4 56	19 30	0 25	20 2	3 45	9 10	0 57	15 40	0 54	6 32	2 10	1 28	0 39	23 18	0 29	15 53	4 7	10 4	10 19	28 27		n.a.
S 23	15 13	26 15	5 2	19 43	0 7	20 7	3 38	9 26	0 57	15 41	0 54	6 34	2 10	1 27	0 39	23 18	0 29	15 53	4 7	10 0	10 17	28 27		n.a.
M24	14 54	23 19	4 55	19 53	0n 9	20 12	3 31	9 43	0 58	15 42	0 54	6 36	2 9	1 25	0 39	23 18	0 29	15 54	4 7	9 55	10 16	28 27		n.a.
T 25	14 35	19 20	4 34	20 0	0 25	20 17	3 24	10 0	0 59	15 43	0 54	6 37	2 9	1 24	0 39	23 18	0 29	15 54	4 7	9 51	10 15	28 27		n.a.
W26	14 15	14 30	4 0	20 3	0 39	20 21	3 17	10 17	0 59	15 44	0 54	6 39	2 9	1 23	0 39	23 18	0 29	15 54	4 7	9 47	10 14	28 26		n.a.
T 27	13 56	9 1	3 15	20 2	0 52	20 25	3 10	10 33	1 0	15 45	0 54	6 41	2 9	1 21	0 39	23 18	0 29	15 54	4 7	9 43	10 13	28 26		n.a.
F 28	13 36	3 5	2 19	19 58	1 3	20 29	3 4	10 50	1 1	15 46	0 54	6 43	2 8	1 20	0 39	23 18	0 29	15 54	4 7	9 41	10 11	28 26		n.a.
S 29	13 16	3s 3	1 15	19 51	1 14	20 32	2 57	11 7	1 1	15 47	0 54	6 45	2 8	1 19	0 39	23 18	0 29	15 54	4 7	9 40	10 10	28 26		n.a.
S 30	12 55	9 11	0 6	19 40	1 23	20 35	2 50	11 23	1 2	15 48	0 54	6 47	2 8	1 17	0 39	23 18	0 29	15 54	4 7	9 40	10 9	28 26		n.a.
M31	12n35	15s 1	1s 5	19n27	1n31	20n37	2s43	11s40	1s 2	15n49	0s55	6s49	2n 8	1n16	0n39	23n18	0s29	15n54	4s 7	9n40	10n 8	28n25		n.a.

Julian Day Number = 1338488.5, Delta T = 07h17m54s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'56, Lahiri = -18°25'55 Julian Calendar 1 Aug. 1049 BCE == Greg. Calendar 22 July 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

SEPTEMBER 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 1 33	28♌21'45	20♏20	11♌32	12♋14	28♎ 4	15♉19	22♎20	28♍23	26♊29	27♉26	24♈34	25♈46	9♋11	n.a.	T 1
W 2	22 5 30	29°21'13	4♐10	12°59	13°10	28°48	15°21	22°25	28°26	26°30	27°26	24°R34	25°43	9°17	n.a.	W 2
T 3	22 9 26	0♍20'42	18°19	14°30	14° 6	29°32	15°23	22°30	28°30	26°32	27°26	24°33	25°40	9°24	n.a.	T 3
F 4	22 13 23	1°20'14	2♑44	16° 4	15° 3	0♏15	15°25	22°35	28°33	26°33	27°26	24°29	25°37	9°31	n.a.	F 4
S 5	22 17 19	2°19'47	17°22	17°40	16° 0	0°59	15°27	22°40	28°37	26°34	27°27	24°23	25°33	9°38	n.a.	S 5
S 6	22 21 16	3°19'22	2♒ 9	19°18	16°57	1°43	15°28	22°46	28°40	26°35	27°27	24°16	25°30	9°44	n.a.	S 6
M 7	22 25 13	4°18'59	16°57	20°58	17°55	2°27	15°30	22°51	28°44	26°36	27°R27	24° 8	25°27	9°51	n.a.	M 7
T 8	22 29 9	5°18'38	1♓37	22°39	18°54	3°11	15°31	22°56	28°47	26°37	27°27	24° 0	25°24	9°58	n.a.	T 8
W 9	22 33 6	6°18'19	16° 2	24°21	19°53	3°55	15°32	23° 2	28°51	26°38	27°27	23°54	25°21	10° 4	n.a.	W 9
T 10	22 37 2	7°18'02	0♈ 6	26° 3	20°53	4°39	15°32	23° 7	28°54	26°39	27°27	23°49	25°18	10°11	n.a.	T 10
F 11	22 40 59	8°17'47	13°46	27°46	21°53	5°23	15°33	23°13	28°58	26°40	27°26	23°47	25°14	10°18	n.a.	F 11
S 12	22 44 55	9°17'35	26°59	29°29	22°53	6° 7	15°33	23°19	29° 1	26°41	27°26	23°D47	25°11	10°25	n.a.	S 12
S 13	22 48 52	10°17'25	9♉49	1♍12	23°54	6°52	15°R33	23°24	29° 5	26°42	27°26	23°48	25° 8	10°31	n.a.	S 13
M14	22 52 48	11°17'18	22°18	2°55	24°56	7°36	15°33	23°30	29° 9	26°43	27°26	23°49	25° 5	10°38	n.a.	M14
T 15	22 56 45	12°17'13	4♊30	4°37	25°57	8°21	15°33	23°36	29°12	26°44	27°26	23°50	25° 2	10°45	n.a.	T 15
W16	23 0 41	13°17'10	16°30	6°20	27° 0	9° 5	15°32	23°42	29°16	26°44	27°26	23°R51	24°58	10°51	n.a.	W16
T 17	23 4 38	14°17'10	28°23	8° 2	28° 2	9°50	15°32	23°47	29°20	26°45	27°25	23°49	24°55	10°58	n.a.	T 17
F 18	23 8 35	15°17'12	10♋15	9°44	29° 5	10°35	15°31	23°53	29°23	26°46	27°25	23°46	24°52	11° 5	n.a.	F 18
S 19	23 12 31	16°17'16	22° 9	11°26	0♌ 8	11°20	15°30	23°59	29°27	26°47	27°25	23°42	24°49	11°12	n.a.	S 19
S 20	23 16 28	17°17'22	4♌ 9	13° 7	1°12	12° 4	15°28	24° 5	29°31	26°47	27°25	23°36	24°46	11°18	n.a.	S 20
M21	23 20 24	18°17'31	16°19	14°48	2°16	12°49	15°27	24°12	29°34	26°48	27°24	23°29	24°43	11°25	n.a.	M21
T 22	23 24 21	19°17'41	28°40	16°28	3°20	13°34	15°25	24°18	29°38	26°49	27°24	23°23	24°39	11°32	n.a.	T 22
W23	23 28 17	20°17'54	11♍14	18° 7	4°24	14°19	15°23	24°24	29°42	26°49	27°24	23°17	24°36	11°39	n.a.	W23
T 24	23 32 14	21°18'09	24° 2	19°47	5°29	15° 4	15°21	24°30	29°46	26°50	27°23	23°13	24°33	11°45	n.a.	T 24
F 25	23 36 10	22°18'25	7♎ 2	21°25	6°34	15°50	15°19	24°36	29°49	26°50	27°23	23°10	24°30	11°52	n.a.	F 25
S 26	23 40 7	23°18'44	20°15	23° 4	7°40	16°35	15°16	24°43	29°53	26°51	27°22	23°D 9	24°27	11°59	n.a.	S 26
S 27	23 44 4	24°19'04	3♏40	24°42	8°45	17°20	15°14	24°49	29°57	26°51	27°22	23° 9	24°24	12° 5	n.a.	S 27
M28	23 48 0	25°19'26	17°16	26°19	9°51	18° 5	15°11	24°55	0♎ 1	26°52	27°22	23°11	24°20	12°12	n.a.	M28
T 29	23 51 57	26°19'50	1♐ 3	27°56	10°57	18°51	15° 7	25° 2	0° 4	26°52	27°21	23°12	24°17	12°19	n.a.	T 29
W30	23 55 53	27♍20'15	14♐59	29♍33	12♌ 4	19♏36	15♉ 4	25♎ 8	0♎ 8	26♊52	27♉21	23♈13	24♈14	12♋26	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n14	20s15	2s14	19n10	1n38	20n39	2s37	11s56	1s 3	15n49	0s55	6s51	2n 8	1n15	0n39	23n18	0s29	15n54	4s 7	9n40	10n 7	28n25		n.a.
W 2	11 53	24 31	3 16	18 50	1 43	20 40	2 30	12 12	1 4	15 50	0 55	6 53	2 7	1 13	0 39	23 18	0 29	15 54	4 7	9 40	10 6	28 25		n.a.
T 3	11 32	27 24	4 7	18 28	1 48	20 41	2 23	12 29	1 4	15 50	0 55	6 56	2 7	1 12	0 39	23 18	0 29	15 54	4 7	9 40	10 4	28 25		n.a.
F 4	11 10	28 32	4 45	18 3	1 51	20 42	2 17	12 45	1 5	15 51	0 55	6 58	2 7	1 10	0 39	23 18	0 29	15 54	4 7	9 38	10 3	28 24		n.a.
S 5	10 49	27 42	5 4	17 35	1 54	20 42	2 10	13 1	1 5	15 51	0 55	7 0	2 7	1 9	0 39	23 18	0 29	15 54	4 7	9 36	10 2	28 24		n.a.
S 6	10 27	24 55	5 3	17 6	1 56	20 41	2 4	13 17	1 6	15 52	0 55	7 2	2 7	1 8	0 39	23 18	0 29	15 54	4 7	9 33	10 1	28 24		n.a.
M 7	10 5	20 29	4 43	16 35	1 57	20 40	1 57	13 33	1 6	15 52	0 55	7 4	2 7	1 6	0 39	23 18	0 29	15 54	4 7	9 30	10 0	28 24		n.a.
T 8	9 43	14 51	4 3	16 1	1 57	20 38	1 51	13 49	1 7	15 52	0 55	7 6	2 6	1 5	0 39	23 18	0 29	15 53	4 7	9 27	9 59	28 23		n.a.
W 9	9 20	8 29	3 9	15 27	1 56	20 36	1 44	14 5	1 7	15 53	0 55	7 9	2 6	1 3	0 38	23 18	0 29	15 53	4 7	9 25	9 57	28 23		n.a.
T 10	8 58	1 51	2 4	14 50	1 55	20 33	1 38	14 20	1 8	15 53	0 55	7 11	2 6	1 2	0 38	23 18	0 29	15 53	4 7	9 23	9 56	28 23		n.a.
F 11	8 35	4n41	0 54	14 13	1 54	20 30	1 32	14 36	1 8	15 53	0 55	7 13	2 6	1 0	0 38	23 18	0 29	15 53	4 7	9 23	9 55	28 22		n.a.
S 12	8 13	10 50	0n17	13 34	1 51	20 26	1 26	14 51	1 9	15 53	0 55	7 15	2 6	0 59	0 38	23 18	0 29	15 53	4 7	9 22	9 54	28 22		n.a.
S 13	7 50	16 21	1 26	12 54	1 48	20 22	1 19	15 7	1 9	15 53	0 55	7 18	2 5	0 57	0 38	23 18	0 29	15 53	4 7	9 23	9 53	28 22		n.a.
M14	7 27	21 1	2 28	12 14	1 45	20 17	1 13	15 22	1 10	15 53	0 55	7 20	2 5	0 56	0 38	23 18	0 29	15 53	4 8	9 23	9 51	28 21		n.a.
T 15	7 4	24 42	3 23	11 32	1 42	20 11	1 7	15 37	1 10	15 53	0 55	7 22	2 5	0 54	0 38	23 18	0 29	15 53	4 8	9 24	9 50	28 21		n.a.
W16	6 40	27 13	4 7	10 50	1 38	20 5	1 1	15 52	1 11	15 52	0 55	7 25	2 5	0 53	0 38	23 18	0 29	15 53	4 8	9 24	9 49	28 21		n.a.
T 17	6 17	28 29	4 40	10 8	1 33	19 59	0 56	16 7	1 11	15 52	0 55	7 27	2 5	0 51	0 38	23 18	0 29	15 53	4 8	9 23	9 48	28 20		n.a.
F 18	5 53	28 26	5 2	9 24	1 29	19 51	0 50	16 22	1 11	15 52	0 55	7 29	2 5	0 50	0 38	23 18	0 29	15 53	4 8	9 22	9 47	28 20		n.a.
S 19	5 30	27 4	5 10	8 41	1 24	19 44	0 44	16 36	1 12	15 51	0 55	7 32	2 5	0 48	0 38	23 18	0 29	15 53	4 8	9 21	9 46	28 19		n.a.
S 20	5 6	24 27	5 5	7 57	1 19	19 35	0 39	16 51	1 12	15 51	0 56	7 34	2 4	0 47	0 38	23 18	0 29	15 53	4 8	9 18	9 44	28 19		n.a.
M21	4 42	20 44	4 46	7 12	1 13	19 26	0 33	17 5	1 13	15 51	0 56	7 36	2 4	0 45	0 38	23 18	0 29	15 52	4 8	9 16	9 43	28 19		n.a.
T 22	4 18	16 5	4 14	6 28	1 8	19 17	0 27	17 19	1 13	15 50	0 56	7 39	2 4	0 44	0 38	23 18	0 29	15 52	4 8	9 13	9 42	28 18		n.a.
W23	3 54	10 40	3 29	5 43	1 2	19 7	0 22	17 33	1 13	15 49	0 56	7 41	2 4	0 42	0 38	23 18	0 29	15 52	4 8	9 11	9 41	28 18		n.a.
T 24	3 30	4 44	2 32	4 58	0 56	18 56	0 17	17 47	1 14	15 49	0 56	7 44	2 4	0 41	0 38	23 18	0 29	15 52	4 8	9 10	9 40	28 17		n.a.
F 25	3 6	1s30	1 27	4 13	0 50	18 44	0 12	18 1	1 14	15 48	0 56	7 46	2 4	0 39	0 38	23 18	0 29	15 52	4 8	9 9	9 38	28 17		n.a.
S 26	2 42	7 48	0 16	3 28	0 44	18 33	0 6	18 15	1 14	15 47	0 56	7 49	2 4	0 38	0 38	23 18	0 29	15 52	4 8	9 8	9 37	28 17		n.a.
S 27	2 18	13 50	0s57	2 43	0 37	18 20	0 1	18 28	1 15	15 46	0 56	7 51	2 3	0 36	0 38	23 18	0 29	15 52	4 8	9 8	9 36	28 16		n.a.
M28	1 53	19 18	2 8	1 58	0 31	18 7	0n 4	18 42	1 15	15 46	0 56	7 54	2 3	0 35	0 38	23 18	0 29	15 52	4 8	9 9	9 35	28 16		n.a.
T 29	1 29	23 50	3 13	1 13	0 25	17 54	0 8	18 55	1 15	15 45	0 56	7 56	2 3	0 33	0 38	23 18	0 29	15 51	4 8	9 9	9 34	28 15		n.a.
W30	1n 4	27s 3	4s 7	0n28	0n18	17n40	0n13	19s 8	1s16	15n44	0s56	7s58	2n 3	0n32	0n38	23n18	0s29	15n51	4s 8	9n10	9n33	28n15		n.a.

Julian Day Number = 1338519.5, Delta T = 07h17m53s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'52, Lahiri = -18°25'51 Julian Calendar 1 Sept. 1049 BCE == Greg. Calendar 22 Aug. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

OCTOBER 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 50	28♍20'42	29♐ 4	1♎ 9	13♌11	20♏22	15°R 1	25♎15	0♎12	26♊53	27°R20	23°R14	24♈11	12♋32	n.a.	T 1
F 2	0 3 46	29°21'10	13♑17	2°45	14°18	21° 7	14♉57	25°21	0°16	26°53	27♉19	23♈13	24° 8	12°39	n.a.	F 2
S 3	0 7 43	0♎21'40	27°36	4°20	15°25	21°53	14°53	25°28	0°20	26°53	27°19	23°12	24° 4	12°46	n.a.	S 3
S 4	0 11 39	1°22'11	11♒56	5°55	16°32	22°39	14°49	25°34	0°23	26°53	27°18	23° 9	24° 1	12°52	n.a.	S 4
M 5	0 15 36	2°22'44	26°14	7°30	17°40	23°24	14°45	25°41	0°27	26°53	27°18	23° 6	23°58	12°59	n.a.	M 5
T 6	0 19 33	3°23'18	10♓26	9° 4	18°48	24°10	14°41	25°48	0°31	26°54	27°17	23° 3	23°55	13° 6	n.a.	T 6
W 7	0 23 29	4°23'53	24°27	10°38	19°56	24°56	14°36	25°54	0°35	26°54	27°16	23° 1	23°52	13°13	n.a.	W 7
T 8	0 27 26	5°24'30	8♈12	12°12	21° 4	25°42	14°31	26° 1	0°38	26°54	27°16	22°59	23°49	13°19	n.a.	T 8
F 9	0 31 22	6°25'09	21°39	13°45	22°12	26°28	14°26	26° 8	0°42	26°R54	27°15	22°D59	23°45	13°26	n.a.	F 9
S 10	0 35 19	7°25'50	4♉46	15°19	23°21	27°14	14°21	26°14	0°46	26°54	27°14	22°59	23°42	13°33	n.a.	S 10
S 11	0 39 15	8°26'32	17°33	16°52	24°30	28° 0	14°16	26°21	0°50	26°54	27°14	23° 0	23°39	13°40	n.a.	S 11
M12	0 43 12	9°27'16	0♊ 3	18°24	25°39	28°46	14°10	26°28	0°53	26°54	27°13	23° 1	23°36	13°46	n.a.	M12
T 13	0 47 8	10°28'02	12°17	19°57	26°48	29°32	14° 5	26°35	0°57	26°54	27°12	23° 2	23°33	13°53	n.a.	T 13
W14	0 51 5	11°28'49	24°19	21°29	27°58	0♐18	13°59	26°42	1° 1	26°53	27°11	23° 3	23°30	14° 0	n.a.	W14
T 15	0 55 2	12°29'38	6♋14	23° 1	29° 7	1° 4	13°53	26°49	1° 5	26°53	27°10	23° 4	23°26	14° 6	n.a.	T 15
F 16	0 58 58	13°30'29	18° 6	24°33	0♍17	1°50	13°47	26°55	1° 8	26°53	27°10	23°R 4	23°23	14°13	n.a.	F 16
S 17	1 2 55	14°31'22	0♌ 1	26° 5	1°27	2°36	13°41	27° 2	1°12	26°53	27° 9	23° 4	23°20	14°20	n.a.	S 17
S 18	1 6 51	15°32'16	12° 2	27°36	2°37	3°23	13°35	27° 9	1°16	26°53	27° 8	23° 3	23°17	14°27	n.a.	S 18
M19	1 10 48	16°33'11	24°14	29° 7	3°47	4° 9	13°28	27°16	1°19	26°52	27° 7	23° 2	23°14	14°33	n.a.	M19
T 20	1 14 44	17°34'09	6♍40	0♏38	4°58	4°55	13°22	27°23	1°23	26°52	27° 6	23° 1	23°10	14°40	n.a.	T 20
W21	1 18 41	18°35'07	19°24	2° 9	6° 8	5°42	13°15	27°30	1°27	26°52	27° 5	23° 1	23° 7	14°47	n.a.	W21
T 22	1 22 37	19°36'07	2♎26	3°39	7°19	6°28	13° 8	27°37	1°30	26°51	27° 4	23° 0	23° 4	14°53	n.a.	T 22
F 23	1 26 34	20°37'08	15°46	5°10	8°30	7°14	13° 1	27°44	1°34	26°51	27° 3	23° 0	23° 1	15° 0	n.a.	F 23
S 24	1 30 30	21°38'10	29°24	6°39	9°41	8° 1	12°54	27°51	1°38	26°50	27° 2	23°D 0	22°58	15° 7	n.a.	S 24
S 25	1 34 27	22°39'14	13♏17	8° 9	10°52	8°47	12°47	27°58	1°41	26°50	27° 1	23°R 0	22°55	15°14	n.a.	S 25
M26	1 38 24	23°40'18	27°21	9°37	12° 3	9°34	12°39	28° 5	1°45	26°49	27° 0	23° 0	22°51	15°20	n.a.	M26
T 27	1 42 20	24°41'24	11♐34	11° 6	13°15	10°21	12°32	28°12	1°48	26°49	26°59	23° 0	22°48	15°27	n.a.	T 27
W28	1 46 17	25°42'30	25°50	12°34	14°26	11° 7	12°24	28°19	1°52	26°48	26°58	23° 0	22°45	15°34	n.a.	W28
T 29	1 50 13	26°43'37	10♑ 7	14° 1	15°37	11°54	12°17	28°26	1°55	26°47	26°57	22°59	22°42	15°41	n.a.	T 29
F 30	1 54 10	27°44'45	24°20	15°27	16°49	12°40	12° 9	28°33	1°59	26°47	26°56	22°D59	22°39	15°47	n.a.	F 30
S 31	1 58 6	28♎45'53	8♒29	16♏52	18♍ 1	13♐27	12♉ 1	28♎40	2♎ 2	26♊46	26♉55	22♈59	22♈35	15♋54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0n40	28s36	4s47	0s17	0n12	17n25	0n18	19s21	1s16	15n43	0s56	8s 1	2n 3	0n30	0n38	23n18	0s29	15n51	4s 8	9n10	9n31	28n14			n.a.
F 2	0 16	28 17	5 9	1 2	0 5	17 10	0 22	19 33	1 16	15 42	0 56	8 4	2 3	0 29	0 38	23 18	0 29	15 51	4 8	9 10	9 30	28 14			n.a.
S 3	0s 9	26 5	5 13	1 46	0s 1	16 54	0 27	19 46	1 17	15 40	0 56	8 6	2 3	0 27	0 38	23 18	0 29	15 51	4 8	9 9	9 29	28 13			n.a.
S 4	0 33	22 14	4 58	2 30	0 8	16 38	0 31	19 58	1 17	15 39	0 56	8 9	2 3	0 26	0 38	23 18	0 29	15 51	4 8	9 8	9 28	28 13			n.a.
M 5	0 58	17 5	4 23	3 14	0 14	16 21	0 36	20 10	1 17	15 38	0 56	8 11	2 2	0 24	0 38	23 18	0 29	15 51	4 8	9 7	9 27	28 12			n.a.
T 6	1 22	11 3	3 33	3 58	0 21	16 4	0 40	20 22	1 17	15 37	0 56	8 14	2 2	0 23	0 38	23 18	0 29	15 50	4 8	9 6	9 25	28 12			n.a.
W 7	1 46	4 33	2 31	4 42	0 27	15 46	0 44	20 33	1 18	15 35	0 56	8 16	2 2	0 21	0 38	23 18	0 29	15 50	4 8	9 5	9 24	28 11			n.a.
T 8	2 11	2n 4	1 21	5 25	0 34	15 28	0 48	20 45	1 18	15 34	0 56	8 19	2 2	0 19	0 38	23 18	0 29	15 50	4 8	9 5	9 23	28 11			n.a.
F 9	2 35	8 27	0 7	6 8	0 40	15 9	0 52	20 56	1 18	15 32	0 56	8 21	2 2	0 18	0 38	23 18	0 29	15 50	4 8	9 4	9 22	28 10			n.a.
S 10	3 0	14 20	1n 5	6 50	0 46	14 50	0 56	21 7	1 18	15 31	0 56	8 24	2 2	0 16	0 38	23 18	0 29	15 50	4 8	9 4	9 21	28 9			n.a.
S 11	3 24	19 27	2 12	7 32	0 53	14 30	0 59	21 18	1 18	15 29	0 56	8 26	2 2	0 15	0 38	23 18	0 29	15 49	4 8	9 5	9 19	28 9			n.a.
M12	3 48	23 35	3 11	8 14	0 59	14 10	1 3	21 29	1 19	15 28	0 56	8 29	2 2	0 13	0 38	23 18	0 29	15 49	4 8	9 5	9 18	28 8			n.a.
T 13	4 12	26 35	4 0	8 55	1 5	13 49	1 7	21 39	1 19	15 26	0 56	8 32	2 2	0 12	0 38	23 18	0 29	15 49	4 8	9 6	9 17	28 8			n.a.
W14	4 37	28 19	4 38	9 36	1 11	13 28	1 10	21 49	1 19	15 24	0 56	8 34	2 2	0 10	0 38	23 18	0 29	15 49	4 8	9 6	9 16	28 7			n.a.
T 15	5 1	28 43	5 3	10 16	1 17	13 6	1 13	21 59	1 19	15 22	0 56	8 37	2 1	0 9	0 38	23 18	0 29	15 49	4 8	9 6	9 15	28 7			n.a.
F 16	5 25	27 47	5 15	10 56	1 22	12 44	1 16	22 9	1 19	15 21	0 56	8 39	2 1	0 7	0 38	23 18	0 29	15 48	4 8	9 6	9 14	28 6			n.a.
S 17	5 49	25 35	5 14	11 35	1 28	12 22	1 19	22 19	1 19	15 19	0 56	8 42	2 1	0 6	0 38	23 18	0 29	15 48	4 8	9 6	9 12	28 5			n.a.
S 18	6 13	22 14	4 59	12 14	1 33	11 59	1 22	22 28	1 19	15 17	0 56	8 44	2 1	0 4	0 38	23 18	0 29	15 48	4 8	9 6	9 11	28 5			n.a.
M19	6 36	17 54	4 31	12 52	1 38	11 36	1 25	22 37	1 20	15 15	0 56	8 47	2 1	0 3	0 38	23 18	0 29	15 48	4 8	9 6	9 10	28 4			n.a.
T 20	7 0	12 45	3 49	13 29	1 43	11 12	1 28	22 46	1 20	15 13	0 56	8 50	2 1	0 1	0 38	23 18	0 29	15 48	4 9	9 5	9 9	28 3			n.a.
W21	7 24	6 57	2 56	14 6	1 48	10 48	1 31	22 54	1 20	15 11	0 55	8 52	2 1	0s 0	0 38	23 18	0 29	15 47	4 9	9 5	9 8	28 3			n.a.
T 22	7 47	0 43	1 52	14 42	1 53	10 24	1 33	23 3	1 20	15 9	0 55	8 55	2 1	0 2	0 38	23 18	0 29	15 47	4 9	9 5	9 6	28 2			n.a.
F 23	8 11	5s41	0 40	15 17	1 57	9 59	1 36	23 11	1 20	15 7	0 55	8 57	2 1	0 3	0 38	23 18	0 29	15 47	4 9	9 5	9 5	28 1			n.a.
S 24	8 34	11 59	0s35	15 51	2 1	9 34	1 38	23 19	1 20	15 5	0 55	9 0	2 1	0 4	0 38	23 18	0 29	15 47	4 9	9 5	9 4	28 1			n.a.
S 25	8 57	17 49	1 50	16 25	2 5	9 9	1 40	23 26	1 20	15 3	0 55	9 3	2 1	0 6	0 38	23 18	0 29	15 47	4 9	9 5	9 3	28 0			n.a.
M26	9 20	22 47	2 59	16 57	2 8	8 43	1 42	23 34	1 20	15 0	0 55	9 5	2 1	0 7	0 38	23 18	0 29	15 46	4 9	9 5	9 2	27 59			n.a.
T 27	9 43	26 27	3 58	17 28	2 11	8 17	1 44	23 41	1 20	14 58	0 55	9 8	2 1	0 9	0 38	23 18	0 29	15 46	4 9	9 5	9 0	27 59			n.a.
W28	10 5	28 27	4 42	17 59	2 14	7 51	1 46	23 48	1 20	14 56	0 55	9 10	2 1	0 10	0 38	23 18	0 29	15 46	4 9	9 5	8 59	27 58			n.a.
T 29	10 28	28 34	5 9	18 28	2 16	7 25	1 48	23 54	1 20	14 54	0 55	9 13	2 1	0 12	0 38	23 18	0 29	15 46	4 9	9 5	8 58	27 57			n.a.
F 30	10 50	26 47	5 17	18 56	2 18	6 58	1 50	24 0	1 20	14 51	0 55	9 15	2 1	0 13	0 38	23 18	0 29	15 45	4 9	9 5	8 57	27 57			n.a.
S 31	11s12	23s20	5s 5	19s22	2s20	6n31	1n51	24s 6	1s20	14n49	0s55	9s18	2n 1	0s14	0n38	23n18	0s29	15n45	4s 9	9n 5	8n56	27n56			n.a.

Julian Day Number = 1338549.5, Delta T = 07h17m51s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'47, Lahiri = -18°25'47 Julian Calendar 1 Oct. 1049 BCE == Greg. Calendar 21 Sept. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

NOVEMBER 1049 BCE (-1048) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 3	29♎47'02	22♒30	18♏16	19♍13	14♐14	11°R54	28♎47	2♎ 6	26°R45	26°R54	23♈ 0	22♈32	16♋ 1	n.a.	S 1
M 2	2 6 0	0♏48'11	6♓23	19°39	20°25	15° 0	11♉46	28°54	2° 9	26♊44	26♉53	23° 0	22°29	16° 7	n.a.	M 2
T 3	2 9 56	1°49'20	20° 6	21° 0	21°37	15°47	11°38	29° 1	2°13	26°44	26°52	23° 1	22°26	16°14	n.a.	T 3
W 4	2 13 53	2°50'30	3♈37	22°19	22°49	16°34	11°30	29° 8	2°16	26°43	26°51	23° 2	22°23	16°21	n.a.	W 4
T 5	2 17 49	3°51'41	16°56	23°37	24° 1	17°20	11°22	29°15	2°19	26°42	26°50	23°R 2	22°20	16°28	n.a.	T 5
F 6	2 21 46	4°52'53	0♉ 1	24°51	25°13	18° 7	11°14	29°22	2°23	26°41	26°49	23° 2	22°16	16°34	n.a.	F 6
S 7	2 25 42	5°54'05	12°53	26° 3	26°26	18°54	11° 6	29°29	2°26	26°40	26°48	23° 2	22°13	16°41	n.a.	S 7
S 8	2 29 39	6°55'17	25°30	27°12	27°38	19°41	10°57	29°36	2°29	26°39	26°46	23° 0	22°10	16°48	n.a.	S 8
M 9	2 33 35	7°56'31	7♊55	28°16	28°51	20°28	10°49	29°43	2°33	26°38	26°45	22°58	22° 7	16°54	n.a.	M 9
T 10	2 37 32	8°57'45	20° 6	29°16	0♎ 4	21°14	10°41	29°50	2°36	26°37	26°44	22°56	22° 4	17° 1	n.a.	T 10
W11	2 41 29	9°58'59	2♋ 9	0♐11	1°16	22° 1	10°33	29°57	2°39	26°36	26°43	22°53	22° 1	17° 8	n.a.	W11
T 12	2 45 25	11° 0'15	14° 4	1° 0	2°29	22°48	10°25	0♏ 4	2°42	26°35	26°42	22°51	21°57	17°15	n.a.	T 12
F 13	2 49 22	12° 1'31	25°56	1°43	3°42	23°35	10°17	0°11	2°45	26°34	26°41	22°49	21°54	17°21	n.a.	F 13
S 14	2 53 18	13° 2'47	7♌49	2°17	4°55	24°22	10° 8	0°18	2°49	26°33	26°39	22°D48	21°51	17°28	n.a.	S 14
S 15	2 57 15	14° 4'04	19°48	2°44	6° 8	25° 8	10° 0	0°25	2°52	26°32	26°38	22°48	21°48	17°35	n.a.	S 15
M16	3 1 11	15° 5'22	1♍57	3° 0	7°21	25°55	9°52	0°31	2°55	26°31	26°37	22°49	21°45	17°42	n.a.	M16
T 17	3 5 8	16° 6'40	14°22	3°R 7	8°34	26°42	9°44	0°38	2°58	26°30	26°36	22°50	21°41	17°48	n.a.	T 17
W18	3 9 5	17° 7'59	27° 6	3° 3	9°48	27°29	9°36	0°45	3° 1	26°28	26°35	22°52	21°38	17°55	n.a.	W18
T 19	3 13 1	18° 9'18	10♎13	2°47	11° 1	28°16	9°28	0°52	3° 4	26°27	26°33	22°53	21°35	18° 2	n.a.	T 19
F 20	3 16 58	19°10'37	23°45	2°19	12°14	29° 3	9°20	0°59	3° 7	26°26	26°32	22°R54	21°32	18° 8	n.a.	F 20
S 21	3 20 54	20°11'56	7♏40	1°40	13°28	29°50	9°12	1° 6	3° 9	26°25	26°31	22°53	21°29	18°15	n.a.	S 21
S 22	3 24 51	21°13'16	21°57	0°49	14°41	0♑36	9° 4	1°12	3°12	26°23	26°30	22°51	21°26	18°22	n.a.	S 22
M23	3 28 47	22°14'36	6♐30	29♏49	15°55	1°23	8°57	1°19	3°15	26°22	26°28	22°47	21°22	18°29	n.a.	M23
T 24	3 32 44	23°15'55	21°13	28°40	17° 8	2°10	8°49	1°26	3°18	26°21	26°27	22°43	21°19	18°35	n.a.	T 24
W25	3 36 40	24°17'15	5♑58	27°24	18°22	2°57	8°41	1°32	3°21	26°19	26°26	22°38	21°16	18°42	n.a.	W25
T 26	3 40 37	25°18'34	20°38	26° 4	19°35	3°44	8°34	1°39	3°23	26°18	26°25	22°33	21°13	18°49	n.a.	T 26
F 27	3 44 34	26°19'52	5♒ 7	24°43	20°49	4°31	8°26	1°46	3°26	26°16	26°23	22°30	21°10	18°56	n.a.	F 27
S 28	3 48 30	27°21'10	19°21	23°23	22° 3	5°18	8°19	1°52	3°29	26°15	26°22	22°28	21° 7	19° 2	n.a.	S 28
S 29	3 52 27	28°22'27	3♓17	22° 7	23°16	6° 5	8°12	1°59	3°31	26°14	26°21	22°D28	21° 3	19° 9	n.a.	S 29
M30	3 56 23	29♏23'44	16♓57	20♏57	24♎30	6♑51	8♉ 4	2♏ 5	3♎34	26♊12	26♉20	22♈29	21♈ 0	19♋16	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s34	18s34	4s36	19s47	2s20	6n 4	1n53	24s12	1s20	14n47	0s55	9s20	2n 0	0s16	0n38	23n18	0s29	15n45	4s 8	9n 5	8n54	27n55		n.a.
M 2	11 56	12 52	3 51	20 11	2 21	5 36	1 54	24 18	1 20	14 44	0 55	9 23	2 0	0 17	0 38	23 18	0 29	15 45	4 8	9 5	8 53	27 54		n.a.
T 3	12 18	6 37	2 52	20 33	2 21	5 8	1 55	24 23	1 20	14 42	0 54	9 26	2 0	0 19	0 38	23 18	0 29	15 44	4 8	9 5	8 52	27 54		n.a.
W 4	12 39	0 9	1 45	20 53	2 20	4 40	1 56	24 28	1 20	14 40	0 54	9 28	2 0	0 20	0 38	23 18	0 29	15 44	4 8	9 6	8 51	27 53		n.a.
T 5	13 0	6n14	0 34	21 12	2 18	4 12	1 58	24 32	1 20	14 37	0 54	9 31	2 0	0 21	0 38	23 18	0 29	15 44	4 8	9 6	8 50	27 52		n.a.
F 6	13 21	12 16	0n39	21 29	2 16	3 44	1 58	24 37	1 20	14 35	0 54	9 33	2 0	0 23	0 38	23 18	0 29	15 44	4 8	9 6	8 48	27 51		n.a.
S 7	13 42	17 39	1 48	21 43	2 13	3 16	1 59	24 41	1 20	14 32	0 54	9 36	2 0	0 24	0 38	23 18	0 29	15 43	4 8	9 5	8 47	27 50		n.a.
S 8	14 3	22 11	2 50	21 56	2 9	2 47	2 0	24 45	1 20	14 30	0 54	9 38	2 0	0 25	0 38	23 18	0 29	15 43	4 8	9 5	8 46	27 50		n.a.
M 9	14 23	25 39	3 43	22 6	2 4	2 18	2 1	24 48	1 20	14 28	0 54	9 41	2 0	0 27	0 38	23 18	0 29	15 43	4 8	9 4	8 45	27 49		n.a.
T 10	14 43	27 51	4 25	22 14	1 58	1 49	2 1	24 51	1 20	14 25	0 54	9 43	2 0	0 28	0 38	23 18	0 29	15 43	4 8	9 3	8 44	27 48		n.a.
W11	15 3	28 43	4 55	22 19	1 51	1 20	2 2	24 54	1 20	14 23	0 53	9 46	2 0	0 29	0 38	23 18	0 29	15 43	4 8	9 2	8 42	27 47		n.a.
T 12	15 22	28 13	5 11	22 21	1 42	0 51	2 2	24 57	1 20	14 20	0 53	9 48	2 0	0 30	0 38	23 18	0 29	15 42	4 8	9 1	8 41	27 46		n.a.
F 13	15 41	26 27	5 15	22 21	1 33	0 22	2 2	24 59	1 20	14 18	0 53	9 51	2 0	0 32	0 38	23 18	0 29	15 42	4 8	9 1	8 40	27 46		n.a.
S 14	16 0	23 30	5 4	22 17	1 22	0s 7	2 2	25 1	1 19	14 15	0 53	9 53	2 0	0 33	0 38	23 18	0 29	15 42	4 8	9 0	8 39	27 45		n.a.
S 15	16 19	19 33	4 41	22 11	1 10	0 36	2 2	25 3	1 19	14 13	0 53	9 55	2 0	0 34	0 39	23 18	0 29	15 42	4 8	9 0	8 38	27 44		n.a.
M16	16 37	14 44	4 5	22 1	0 56	1 6	2 2	25 5	1 19	14 10	0 53	9 58	2 0	0 35	0 39	23 18	0 29	15 41	4 8	9 1	8 36	27 43		n.a.
T 17	16 55	9 15	3 16	21 47	0 41	1 35	2 2	25 6	1 19	14 8	0 53	10 0	2 0	0 36	0 39	23 18	0 29	15 41	4 8	9 1	8 35	27 42		n.a.
W18	17 13	3 15	2 17	21 30	0 25	2 4	2 2	25 7	1 19	14 6	0 52	10 3	2 0	0 38	0 39	23 18	0 29	15 41	4 8	9 2	8 34	27 41		n.a.
T 19	17 31	3s 3	1 9	21 10	0 7	2 34	2 2	25 7	1 19	14 3	0 52	10 5	2 0	0 39	0 39	23 18	0 29	15 41	4 8	9 2	8 33	27 40		n.a.
F 20	17 48	9 26	0s 5	20 46	0n11	3 3	2 1	25 8	1 19	14 1	0 52	10 7	2 0	0 40	0 39	23 18	0 29	15 40	4 8	9 2	8 32	27 39		n.a.
S 21	18 5	15 33	1 20	20 19	0 31	3 33	2 1	25 8	1 18	13 58	0 52	10 10	2 0	0 41	0 39	23 18	0 29	15 40	4 8	9 2	8 30	27 39		n.a.
S 22	18 21	21 0	2 32	19 49	0 51	4 2	2 0	25 8	1 18	13 56	0 52	10 12	2 0	0 42	0 39	23 18	0 29	15 40	4 8	9 1	8 29	27 38		n.a.
M23	18 37	25 17	3 36	19 17	1 11	4 31	2 0	25 7	1 18	13 54	0 51	10 14	2 0	0 43	0 39	23 18	0 29	15 40	4 8	9 0	8 28	27 37		n.a.
T 24	18 53	27 57	4 26	18 42	1 31	5 1	1 59	25 6	1 18	13 51	0 51	10 17	2 0	0 44	0 39	23 18	0 29	15 39	4 8	8 58	8 27	27 36		n.a.
W25	19 9	28 39	4 59	18 6	1 50	5 30	1 58	25 5	1 18	13 49	0 51	10 19	2 0	0 46	0 39	23 18	0 29	15 39	4 8	8 56	8 25	27 35		n.a.
T 26	19 24	27 20	5 11	17 31	2 8	5 59	1 57	25 4	1 18	13 47	0 51	10 21	2 0	0 47	0 39	23 17	0 29	15 39	4 8	8 55	8 24	27 34		n.a.
F 27	19 39	24 12	5 4	16 55	2 24	6 28	1 56	25 2	1 17	13 45	0 51	10 24	2 1	0 48	0 39	23 17	0 29	15 39	4 8	8 54	8 23	27 33		n.a.
S 28	19 53	19 39	4 38	16 22	2 38	6 57	1 55	25 0	1 17	13 42	0 50	10 26	2 1	0 49	0 39	23 17	0 29	15 38	4 8	8 53	8 22	27 32		n.a.
S 29	20 7	14 7	3 56	15 51	2 50	7 25	1 54	24 58	1 17	13 40	0 50	10 28	2 1	0 50	0 39	23 17	0 29	15 38	4 8	8 53	8 21	27 31		n.a.
M30	20s21	8s 1	3s 1	15s24	3n 0	7s54	1n53	24s55	1s17	13n38	0s50	10s30	2n 1	0s51	0n39	23n17	0s29	15n38	4s 7	8n53	8n19	27n30		n.a.

Julian Day Number = 1338580.5, Delta T = 07h17m50s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'43, Lahiri = -18°25'43 Julian Calendar 1 Nov. 1049 BCE == Greg. Calendar 22 Oct. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1049 BCE
geocentric

DECEMBER 1049 BCE (-1048) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 20	0♐25'00	0♈19	19°R54	25♎44	7♑38	7°R57	2♏12	3♎36	26°R11	26°R19	22♈31	20♈57	19♋22	n.a.	T 1
W 2	4 4 16	1°26'15	13°27	19♏ 0	26°58	8°25	7♉50	2°18	3°39	26♊ 9	26♉17	22°32	20°54	19°29	n.a.	W 2
T 3	4 8 13	2°27'30	26°22	18°16	28°11	9°12	7°44	2°25	3°41	26° 8	26°16	22°R33	20°51	19°36	n.a.	T 3
F 4	4 12 10	3°28'44	9♉ 5	17°41	29°25	9°59	7°37	2°31	3°43	26° 6	26°15	22°31	20°47	19°43	n.a.	F 4
S 5	4 16 6	4°29'58	21°37	17°17	0♏39	10°46	7°30	2°37	3°46	26° 5	26°14	22°28	20°44	19°49	n.a.	S 5
S 6	4 20 3	5°31'11	4♊ 0	17° 2	1°53	11°32	7°24	2°44	3°48	26° 3	26°12	22°22	20°41	19°56	n.a.	S 6
M 7	4 23 59	6°32'23	16°14	16°D56	3° 7	12°19	7°18	2°50	3°50	26° 1	26°11	22°14	20°38	20° 3	n.a.	M 7
T 8	4 27 56	7°33'35	28°20	16°59	4°21	13° 6	7°12	2°56	3°52	26° 0	26°10	22° 5	20°35	20°10	n.a.	T 8
W 9	4 31 52	8°34'46	10♋19	17°10	5°35	13°53	7° 6	3° 2	3°55	25°58	26° 9	21°56	20°32	20°16	n.a.	W 9
T 10	4 35 49	9°35'57	22°13	17°28	6°49	14°39	7° 0	3° 8	3°57	25°57	26° 8	21°47	20°28	20°23	n.a.	T 10
F 11	4 39 45	10°37'07	4♌ 4	17°53	8° 3	15°26	6°54	3°14	3°59	25°55	26° 6	21°39	20°25	20°30	n.a.	F 11
S 12	4 43 42	11°38'17	15°56	18°24	9°17	16°13	6°49	3°20	4° 1	25°54	26° 5	21°33	20°22	20°36	n.a.	S 12
S 13	4 47 39	12°39'26	27°52	19° 1	10°31	16°59	6°43	3°26	4° 3	25°52	26° 4	21°30	20°19	20°43	n.a.	S 13
M14	4 51 35	13°40'34	9♍58	19°43	11°45	17°46	6°38	3°32	4° 4	25°50	26° 3	21°D28	20°16	20°50	n.a.	M14
T 15	4 55 32	14°41'42	22°18	20°29	12°59	18°33	6°33	3°38	4° 6	25°49	26° 2	21°29	20°13	20°57	n.a.	T 15
W16	4 59 28	15°42'49	4♎56	21°19	14°14	19°19	6°28	3°44	4° 8	25°47	26° 1	21°30	20° 9	21° 3	n.a.	W16
T 17	5 3 25	16°43'55	17°59	22°13	15°28	20° 6	6°24	3°50	4°10	25°45	25°59	21°R30	20° 6	21°10	n.a.	T 17
F 18	5 7 21	17°45'01	1♏29	23°11	16°42	20°52	6°19	3°56	4°12	25°44	25°58	21°30	20° 3	21°17	n.a.	F 18
S 19	5 11 18	18°46'05	15°27	24°11	17°56	21°39	6°15	4° 1	4°13	25°42	25°57	21°28	20° 0	21°24	n.a.	S 19
S 20	5 15 15	19°47'09	29°54	25°14	19°10	22°26	6°11	4° 7	4°15	25°40	25°56	21°23	19°57	21°30	n.a.	S 20
M21	5 19 11	20°48'13	14♐43	26°20	20°24	23°12	6° 7	4°12	4°16	25°39	25°55	21°15	19°53	21°37	n.a.	M21
T 22	5 23 8	21°49'15	29°49	27°27	21°39	23°59	6° 3	4°18	4°18	25°37	25°54	21° 6	19°50	21°44	n.a.	T 22
W23	5 27 4	22°50'15	14♑59	28°37	22°53	24°45	5°59	4°23	4°19	25°35	25°53	20°56	19°47	21°50	n.a.	W23
T 24	5 31 1	23°51'15	0♒ 5	29°49	24° 7	25°31	5°56	4°29	4°21	25°34	25°52	20°47	19°44	21°57	n.a.	T 24
F 25	5 34 57	24°52'13	14°56	1♐ 3	25°21	26°18	5°53	4°34	4°22	25°32	25°51	20°39	19°41	22° 4	n.a.	F 25
S 26	5 38 54	25°53'09	29°26	2°18	26°35	27° 4	5°50	4°39	4°23	25°30	25°49	20°34	19°38	22°11	n.a.	S 26
S 27	5 42 50	26°54'04	13♓32	3°35	27°50	27°51	5°47	4°44	4°25	25°28	25°48	20°31	19°34	22°17	n.a.	S 27
M28	5 46 47	27°54'57	27°12	4°53	29° 4	28°37	5°44	4°50	4°26	25°27	25°47	20°D30	19°31	22°24	n.a.	M28
T 29	5 50 44	28°55'48	10♈29	6°12	0♐18	29°23	5°42	4°55	4°27	25°25	25°46	20°30	19°28	22°31	n.a.	T 29
W30	5 54 40	29°56'38	23°26	7°33	1°32	0♒10	5°40	5° 0	4°28	25°23	25°45	20°R31	19°25	22°37	n.a.	W30
T 31	5 58 37	0♑57'26	6♉ 6	8♐55	2♐47	0♒56	5♉38	5♏ 4	4♎29	25♊22	25♉44	20♈29	19♈22	22♋44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s34	1s40	1s58	15s 0	3n 7	8s22	1n51	24s52	1s16	13n36	0s50	10s33	2n 1	0s52	0n39	23n17	0s29	15n38	4s 7	8n54	8n18	27n29			n.a.
W 2	20 47	4n38	0 49	14 41	3 12	8 51	1 50	24 49	1 16	13 34	0 50	10 35	2 1	0 53	0 39	23 17	0 29	15 38	4 7	8 54	8 17	27 28			n.a.
T 3	20 59	10 39	0n21	14 26	3 15	9 19	1 48	24 46	1 16	13 32	0 49	10 37	2 1	0 54	0 39	23 17	0 29	15 37	4 7	8 54	8 16	27 27			n.a.
F 4	21 11	16 9	1 28	14 15	3 15	9 47	1 47	24 42	1 16	13 30	0 49	10 39	2 1	0 55	0 39	23 17	0 29	15 37	4 7	8 54	8 15	27 26			n.a.
S 5	21 23	20 53	2 31	14 9	3 14	10 15	1 45	24 38	1 15	13 28	0 49	10 41	2 1	0 55	0 39	23 17	0 29	15 37	4 7	8 53	8 13	27 25			n.a.
S 6	21 34	24 38	3 25	14 8	3 12	10 42	1 44	24 34	1 15	13 26	0 49	10 43	2 1	0 56	0 39	23 17	0 29	15 37	4 7	8 50	8 12	27 24			n.a.
M 7	21 45	27 13	4 9	14 10	3 8	11 9	1 42	24 29	1 15	13 24	0 49	10 45	2 1	0 57	0 39	23 17	0 29	15 36	4 7	8 48	8 11	27 23			n.a.
T 8	21 55	28 30	4 41	14 15	3 3	11 36	1 40	24 24	1 14	13 22	0 48	10 48	2 1	0 58	0 39	23 17	0 29	15 36	4 7	8 44	8 10	27 22			n.a.
W 9	22 5	28 24	5 1	14 24	2 57	12 3	1 38	24 19	1 14	13 21	0 48	10 50	2 1	0 59	0 39	23 17	0 29	15 36	4 7	8 41	8 9	27 21			n.a.
T 10	22 15	27 0	5 7	14 35	2 51	12 29	1 36	24 14	1 14	13 19	0 48	10 52	2 1	1 0	0 39	23 17	0 29	15 36	4 7	8 37	8 7	27 20			n.a.
F 11	22 24	24 23	5 0	14 49	2 43	12 56	1 34	24 8	1 14	13 17	0 48	10 54	2 1	1 1	0 39	23 17	0 29	15 36	4 7	8 34	8 6	27 19			n.a.
S 12	22 32	20 45	4 40	15 5	2 36	13 22	1 32	24 2	1 13	13 16	0 47	10 56	2 1	1 1	0 39	23 17	0 29	15 35	4 7	8 32	8 5	27 18			n.a.
S 13	22 41	16 16	4 8	15 23	2 28	13 47	1 30	23 56	1 13	13 14	0 47	10 58	2 1	1 2	0 39	23 17	0 29	15 35	4 7	8 31	8 4	27 17			n.a.
M14	22 48	11 5	3 24	15 43	2 19	14 12	1 28	23 49	1 13	13 13	0 47	11 0	2 2	1 3	0 39	23 17	0 29	15 35	4 6	8 30	8 2	27 16			n.a.
T 15	22 56	5 24	2 30	16 4	2 10	14 37	1 26	23 42	1 12	13 11	0 47	11 2	2 2	1 4	0 39	23 17	0 29	15 35	4 6	8 30	8 1	27 14			n.a.
W16	23 3	0s39	1 28	16 26	2 1	15 2	1 24	23 35	1 12	13 10	0 46	11 3	2 2	1 4	0 39	23 17	0 29	15 35	4 6	8 31	8 0	27 13			n.a.
T 17	23 9	6 52	0 19	16 48	1 52	15 26	1 22	23 28	1 12	13 8	0 46	11 5	2 2	1 5	0 39	23 17	0 29	15 35	4 6	8 31	7 59	27 12			n.a.
F 18	23 15	13 0	0s53	17 12	1 43	15 50	1 19	23 21	1 11	13 7	0 46	11 7	2 2	1 6	0 39	23 17	0 29	15 34	4 6	8 31	7 58	27 11			n.a.
S 19	23 20	18 43	2 4	17 36	1 34	16 13	1 17	23 13	1 11	13 6	0 46	11 9	2 2	1 6	0 39	23 17	0 29	15 34	4 6	8 30	7 56	27 10			n.a.
S 20	23 25	23 32	3 10	18 0	1 25	16 36	1 15	23 5	1 11	13 5	0 45	11 11	2 2	1 7	0 39	23 17	0 29	15 34	4 6	8 28	7 55	27 9			n.a.
M21	23 30	26 59	4 4	18 25	1 16	16 59	1 12	22 57	1 10	13 4	0 45	11 13	2 2	1 7	0 39	23 16	0 28	15 34	4 6	8 25	7 54	27 8			n.a.
T 22	23 34	28 32	4 43	18 49	1 7	17 21	1 10	22 48	1 10	13 3	0 45	11 14	2 2	1 8	0 39	23 16	0 28	15 34	4 6	8 22	7 53	27 7			n.a.
W23	23 37	27 57	5 2	19 14	0 58	17 42	1 7	22 39	1 9	13 2	0 45	11 16	2 2	1 9	0 39	23 16	0 28	15 33	4 6	8 18	7 51	27 5			n.a.
T 24	23 41	25 19	4 59	19 38	0 49	18 3	1 5	22 30	1 9	13 1	0 44	11 18	2 2	1 9	0 39	23 16	0 28	15 33	4 5	8 14	7 50	27 4			n.a.
F 25	23 43	21 1	4 37	20 3	0 40	18 24	1 2	22 21	1 9	13 0	0 44	11 20	2 3	1 10	0 40	23 16	0 28	15 33	4 5	8 11	7 49	27 3			n.a.
S 26	23 45	15 32	3 57	20 26	0 31	18 44	1 0	22 12	1 8	12 59	0 44	11 21	2 3	1 10	0 40	23 16	0 28	15 33	4 5	8 9	7 48	27 2			n.a.
S 27	23 47	9 23	3 3	20 50	0 23	19 4	0 57	22 2	1 8	12 59	0 44	11 23	2 3	1 11	0 40	23 16	0 28	15 33	4 5	8 8	7 47	27 1			n.a.
M28	23 48	2 58	2 1	21 13	0 15	19 23	0 54	21 52	1 7	12 58	0 43	11 25	2 3	1 11	0 40	23 16	0 28	15 33	4 5	8 8	7 45	27 0			n.a.
T 29	23 49	3n24	0 53	21 35	0 6	19 42	0 52	21 42	1 7	12 57	0 43	11 26	2 3	1 11	0 40	23 16	0 28	15 33	4 5	8 8	7 44	26 58			n.a.
W30	23 49	9 29	0n16	21 57	0s 2	20 0	0 49	21 31	1 7	12 57	0 43	11 28	2 3	1 12	0 40	23 16	0 28	15 33	4 5	8 8	7 43	26 57			n.a.
T 31	23s49	15n 3	1n22	22s18	0s10	20s18	0n46	21s21	1s 6	12n56	0s43	11s29	2n 3	1s12	0n40	23n16	0s28	15n32	4s 5	8n 8	7n42	26n56			n.a.

Julian Day Number = 1338610.5, Delta T = 07h17m48s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'39, Lahiri = -18°25'39 Julian Calendar 1 Dec. 1049 BCE == Greg. Calendar 21 Nov. 1049 BCE

The year -1048 astronomical counting style corresponds to year 1049 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

JANUARY 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 2 33	1♉58'12	18♉33	10♐18	4♐ 1	1♒42	5°R36	5♏ 9	4♎30	25°R20	25°R43	20°R26	19♈19	22♋51	n.a.	F 1
S 2	6 6 30	2°58'57	0♊50	11°42	5°15	2°28	5♉34	5°14	4°31	25♊18	25♉42	20♈20	19°15	22°58	n.a.	S 2
S 3	6 10 26	3°59'40	12°59	13° 7	6°29	3°14	5°33	5°19	4°32	25°17	25°42	20°11	19°12	23° 4	n.a.	S 3
M 4	6 14 23	5° 0'21	25° 2	14°33	7°43	4° 0	5°32	5°23	4°32	25°15	25°41	19°59	19° 9	23°11	n.a.	M 4
T 5	6 18 19	6° 1'01	7♋ 1	16° 0	8°58	4°46	5°31	5°28	4°33	25°13	25°40	19°45	19° 6	23°18	n.a.	T 5
W 6	6 22 16	7° 1'39	18°56	17°28	10°12	5°32	5°30	5°33	4°34	25°12	25°39	19°30	19° 3	23°25	n.a.	W 6
T 7	6 26 13	8° 2'16	0♌48	18°57	11°26	6°18	5°29	5°37	4°35	25°10	25°38	19°16	18°59	23°31	n.a.	T 7
F 8	6 30 9	9° 2'51	12°40	20°27	12°40	7° 4	5°29	5°41	4°35	25° 8	25°37	19° 4	18°56	23°38	n.a.	F 8
S 9	6 34 6	10° 3'24	24°33	21°58	13°55	7°50	5°D29	5°46	4°36	25° 7	25°36	18°54	18°53	23°45	n.a.	S 9
S 10	6 38 2	11° 3'56	6♍30	23°30	15° 9	8°36	5°29	5°50	4°36	25° 5	25°35	18°46	18°50	23°51	n.a.	S 10
M11	6 41 59	12° 4'26	18°36	25° 3	16°23	9°22	5°29	5°54	4°37	25° 4	25°35	18°42	18°47	23°58	n.a.	M11
T 12	6 45 55	13° 4'55	0♎53	26°36	17°37	10° 8	5°29	5°58	4°37	25° 2	25°34	18°40	18°44	24° 5	n.a.	T 12
W13	6 49 52	14° 5'22	13°26	28°11	18°52	10°54	5°30	6° 2	4°37	25° 0	25°33	18°40	18°40	24°12	n.a.	W13
T 14	6 53 48	15° 5'48	26°22	29°47	20° 6	11°39	5°31	6° 6	4°37	24°59	25°32	18°40	18°37	24°18	n.a.	T 14
F 15	6 57 45	16° 6'12	9♏43	1♉23	21°20	12°25	5°32	6°10	4°38	24°57	25°32	18°39	18°34	24°25	n.a.	F 15
S 16	7 1 42	17° 6'35	23°34	3° 1	22°34	13°11	5°33	6°13	4°38	24°56	25°31	18°36	18°31	24°32	n.a.	S 16
S 17	7 5 38	18° 6'56	7♐55	4°39	23°49	13°56	5°34	6°17	4°38	24°54	25°30	18°30	18°28	24°39	n.a.	S 17
M18	7 9 35	19° 7'16	22°42	6°18	25° 3	14°42	5°36	6°20	4°R38	24°53	25°29	18°21	18°25	24°45	n.a.	M18
T 19	7 13 31	20° 7'34	7♉51	7°59	26°17	15°28	5°38	6°24	4°38	24°51	25°29	18°11	18°21	24°52	n.a.	T 19
W20	7 17 28	21° 7'50	23°12	9°40	27°31	16°13	5°40	6°27	4°38	24°50	25°28	17°59	18°18	24°59	n.a.	W20
T 21	7 21 24	22° 8'03	8♒32	11°22	28°45	16°59	5°42	6°31	4°38	24°48	25°28	17°48	18°15	25° 5	n.a.	T 21
F 22	7 25 21	23° 8'15	23°40	13° 6	29°59	17°44	5°44	6°34	4°37	24°47	25°27	17°38	18°12	25°12	n.a.	F 22
S 23	7 29 18	24° 8'25	8♓26	14°50	1♉14	18°29	5°47	6°37	4°37	24°45	25°26	17°31	18° 9	25°19	n.a.	S 23
S 24	7 33 14	25° 8'32	22°46	16°36	2°28	19°15	5°50	6°40	4°37	24°44	25°26	17°27	18° 5	25°26	n.a.	S 24
M25	7 37 11	26° 8'37	6♈36	18°22	3°42	20° 0	5°53	6°43	4°36	24°43	25°25	17°26	18° 2	25°32	n.a.	M25
T 26	7 41 7	27° 8'40	19°59	20°10	4°56	20°45	5°56	6°46	4°36	24°41	25°25	17°25	17°59	25°39	n.a.	T 26
W27	7 45 4	28° 8'40	2♉57	21°59	6°11	21°31	5°59	6°49	4°36	24°40	25°24	17°25	17°56	25°46	n.a.	W27
T 28	7 49 0	29° 8'38	15°34	23°48	7°25	22°16	6° 3	6°51	4°35	24°38	25°24	17°24	17°53	25°53	n.a.	T 28
F 29	7 52 57	0♒ 8'34	27°55	25°39	8°39	23° 1	6° 6	6°54	4°35	24°37	25°23	17°21	17°50	25°59	n.a.	F 29
S 30	7 56 53	1° 8'27	10♊ 4	27°31	9°53	23°46	6°10	6°56	4°34	24°36	25°23	17°15	17°46	26° 6	n.a.	S 30
S 31	8 0 50	2♒ 8'19	22♊ 5	29♉24	11♉ 7	24♒31	6♉14	6♏59	4♎33	24♊35	25♉23	17♈ 7	17♈43	26♋13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	19n54	2n23	22s38	0s17	20s35	0n44	21s10	1s 6	12n56	0s42	11s31	2n 3	1s13	0n40	23n16	0s28	15n32	4s 5	8n 6	7n40	26n55		n.a.
S 2	23 47	23 51	3 16	22 58	0 25	20 51	0 41	20 59	1 5	12 56	0 42	11 32	2 3	1 13	0 40	23 16	0 28	15 32	4 4	8 4	7 39	26 53		n.a.
S 3	23 46	26 41	4 0	23 16	0 32	21 7	0 38	20 48	1 5	12 56	0 42	11 34	2 4	1 13	0 40	23 16	0 28	15 32	4 4	8 0	7 38	26 52		n.a.
M 4	23 44	28 16	4 32	23 34	0 39	21 22	0 35	20 36	1 4	12 55	0 42	11 35	2 4	1 14	0 40	23 16	0 28	15 32	4 4	7 56	7 37	26 51		n.a.
T 5	23 41	28 30	4 52	23 50	0 46	21 37	0 33	20 25	1 4	12 55	0 41	11 37	2 4	1 14	0 40	23 16	0 28	15 32	4 4	7 51	7 36	26 50		n.a.
W 6	23 38	27 24	5 0	24 6	0 53	21 51	0 30	20 13	1 3	12 55	0 41	11 38	2 4	1 14	0 40	23 16	0 28	15 32	4 4	7 45	7 34	26 48		n.a.
T 7	23 34	25 4	4 54	24 20	0 59	22 4	0 27	20 1	1 3	12 55	0 41	11 39	2 4	1 14	0 40	23 16	0 28	15 32	4 4	7 40	7 33	26 47		n.a.
F 8	23 30	21 40	4 35	24 33	1 5	22 17	0 24	19 48	1 3	12 55	0 40	11 41	2 4	1 14	0 40	23 16	0 28	15 32	4 4	7 35	7 32	26 46		n.a.
S 9	23 26	17 23	4 4	24 45	1 11	22 29	0 22	19 36	1 2	12 56	0 40	11 42	2 4	1 15	0 40	23 16	0 28	15 32	4 4	7 31	7 31	26 45		n.a.
S 10	23 21	12 24	3 23	24 56	1 17	22 40	0 19	19 23	1 2	12 56	0 40	11 43	2 5	1 15	0 40	23 16	0 28	15 31	4 4	7 28	7 29	26 43		n.a.
M11	23 16	6 54	2 32	25 6	1 22	22 51	0 16	19 11	1 1	12 56	0 40	11 45	2 5	1 15	0 40	23 16	0 28	15 31	4 3	7 26	7 28	26 42		n.a.
T 12	23 10	1 3	1 33	25 14	1 27	23 1	0 13	18 58	1 1	12 57	0 39	11 46	2 5	1 15	0 40	23 15	0 28	15 31	4 3	7 26	7 27	26 41		n.a.
W13	23 4	4s58	0 28	25 20	1 32	23 10	0 11	18 44	1 0	12 57	0 39	11 47	2 5	1 15	0 40	23 15	0 28	15 31	4 3	7 26	7 26	26 39		n.a.
T 14	22 57	10 58	0s41	25 26	1 36	23 19	0 8	18 31	1 0	12 57	0 39	11 48	2 5	1 15	0 40	23 15	0 28	15 31	4 3	7 26	7 25	26 38		n.a.
F 15	22 50	16 40	1 49	25 29	1 41	23 27	0 5	18 18	0 59	12 58	0 39	11 49	2 5	1 15	0 40	23 15	0 28	15 31	4 3	7 25	7 23	26 37		n.a.
S 16	22 42	21 45	2 53	25 32	1 44	23 34	0 2	18 4	0 59	12 59	0 38	11 50	2 5	1 15	0 40	23 15	0 28	15 31	4 3	7 24	7 22	26 35		n.a.
S 17	22 34	25 44	3 49	25 32	1 48	23 41	0s 0	17 50	0 58	12 59	0 38	11 51	2 6	1 15	0 40	23 15	0 28	15 31	4 3	7 22	7 21	26 34		n.a.
M18	22 26	28 7	4 31	25 31	1 51	23 47	0 3	17 36	0 58	13 0	0 38	11 52	2 6	1 15	0 40	23 15	0 28	15 31	4 2	7 18	7 20	26 33		n.a.
T 19	22 17	28 30	4 55	25 28	1 54	23 52	0 6	17 22	0 57	13 1	0 38	11 53	2 6	1 15	0 40	23 15	0 28	15 31	4 2	7 14	7 18	26 31		n.a.
W20	22 8	26 42	4 59	25 24	1 56	23 56	0 8	17 8	0 57	13 2	0 37	11 54	2 6	1 15	0 40	23 15	0 28	15 31	4 2	7 10	7 17	26 30		n.a.
T 21	21 58	22 56	4 41	25 17	1 58	24 0	0 11	16 53	0 56	13 3	0 37	11 55	2 6	1 15	0 40	23 15	0 28	15 31	4 2	7 5	7 16	26 28		n.a.
F 22	21 48	17 40	4 3	25 9	2 0	24 3	0 14	16 39	0 56	13 4	0 37	11 56	2 6	1 15	0 40	23 15	0 28	15 31	4 2	7 2	7 15	26 27		n.a.
S 23	21 38	11 28	3 10	24 59	2 1	24 5	0 16	16 24	0 55	13 5	0 37	11 57	2 6	1 15	0 40	23 15	0 28	15 31	4 2	6 59	7 14	26 26		n.a.
S 24	21 27	4 51	2 6	24 47	2 2	24 7	0 19	16 9	0 55	13 6	0 36	11 58	2 7	1 15	0 40	23 15	0 28	15 31	4 2	6 57	7 12	26 24		n.a.
M25	21 16	1n48	0 57	24 33	2 2	24 7	0 21	15 54	0 54	13 7	0 36	11 59	2 7	1 15	0 40	23 15	0 28	15 31	4 2	6 57	7 11	26 23		n.a.
T 26	21 4	8 9	0n14	24 17	2 2	24 7	0 24	15 39	0 54	13 9	0 36	12 0	2 7	1 14	0 41	23 15	0 28	15 31	4 1	6 57	7 10	26 21		n.a.
W27	20 52	13 58	1 21	24 0	2 1	24 7	0 26	15 24	0 53	13 10	0 36	12 0	2 7	1 14	0 41	23 15	0 28	15 31	4 1	6 57	7 9	26 20		n.a.
T 28	20 39	19 2	2 23	23 40	2 0	24 5	0 29	15 8	0 53	13 11	0 35	12 1	2 7	1 14	0 41	23 15	0 28	15 31	4 1	6 56	7 7	26 19		n.a.
F 29	20 27	23 12	3 17	23 18	1 59	24 3	0 31	14 53	0 52	13 13	0 35	12 2	2 7	1 14	0 41	23 15	0 28	15 31	4 1	6 55	7 6	26 17		n.a.
S 30	20 13	26 16	4 0	22 54	1 57	24 0	0 33	14 37	0 51	13 14	0 35	12 2	2 8	1 13	0 41	23 15	0 28	15 31	4 1	6 53	7 5	26 16		n.a.
S 31	20s 0	28n 7	4n33	22s27	1s54	23s56	0s36	14s21	0s51	13n16	0s35	12s 3	2n 8	1s13	0n41	23n15	0s28	15n31	4s 1	6n50	7n 4	26n14		n.a.

Julian Day Number = 1338641.5, Delta T = 07h17m46s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'35, Lahiri = -18°25'34 Julian Calendar 1 Jan. 1048 BCE == Greg. Calendar 22 Dec. 1049 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

FEBRUARY 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 4 46	3♒ 8'08	4♋ 1	1♒18	12♉21	25♒16	6♉18	7♏ 1	4°R33	24°R33	25°R22	16°R56	17♈40	26♋19	n.a.	M 1
T 2	8 8 43	4° 7'54	15°54	3°13	13°35	26° 1	6°23	7° 3	4♎32	24♊32	25♉22	16♈43	17°37	26°26	n.a.	T 2
W 3	8 12 40	5° 7'39	27°47	5° 9	14°49	26°46	6°27	7° 5	4°31	24°31	25°22	16°29	17°34	26°33	n.a.	W 3
T 4	8 16 36	6° 7'21	9♌40	7° 6	16° 4	27°31	6°32	7° 7	4°30	24°30	25°21	16°16	17°31	26°40	n.a.	T 4
F 5	8 20 33	7° 7'01	21°34	9° 4	17°18	28°16	6°37	7° 9	4°29	24°29	25°21	16° 4	17°27	26°46	n.a.	F 5
S 6	8 24 29	8° 6'39	3♍33	11° 2	18°32	29° 0	6°42	7°11	4°28	24°27	25°21	15°54	17°24	26°53	n.a.	S 6
S 7	8 28 26	9° 6'15	15°36	13° 1	19°46	29°45	6°47	7°13	4°27	24°26	25°20	15°47	17°21	27° 0	n.a.	S 7
M 8	8 32 22	10° 5'49	27°47	15° 1	21° 0	0♓30	6°53	7°14	4°26	24°25	25°20	15°43	17°18	27° 6	n.a.	M 8
T 9	8 36 19	11° 5'21	10♎ 9	17° 1	22°14	1°14	6°58	7°16	4°25	24°24	25°20	15°D42	17°15	27°13	n.a.	T 9
W10	8 40 15	12° 4'51	22°45	19° 1	23°28	1°59	7° 4	7°17	4°24	24°23	25°20	15°42	17°11	27°20	n.a.	W10
T 11	8 44 12	13° 4'19	5♏39	21° 0	24°42	2°43	7°10	7°19	4°23	24°22	25°20	15°42	17° 8	27°27	n.a.	T 11
F 12	8 48 9	14° 3'45	18°55	23° 0	25°56	3°28	7°16	7°20	4°21	24°21	25°20	15°R43	17° 5	27°33	n.a.	F 12
S 13	8 52 5	15° 3'09	2♐36	24°58	27°10	4°12	7°22	7°21	4°20	24°20	25°20	15°41	17° 2	27°40	n.a.	S 13
S 14	8 56 2	16° 2'32	16°45	26°56	28°24	4°57	7°29	7°22	4°19	24°19	25°19	15°38	16°59	27°47	n.a.	S 14
M15	8 59 58	17° 1'53	1♑19	28°52	29°38	5°41	7°35	7°23	4°17	24°18	25°19	15°32	16°56	27°54	n.a.	M15
T 16	9 3 55	18° 1'12	16°14	0♓47	0♒53	6°25	7°42	7°24	4°16	24°17	25°19	15°24	16°52	28° 0	n.a.	T 16
W17	9 7 51	19° 0'28	1♒25	2°39	2° 7	7°10	7°49	7°25	4°14	24°17	25°D19	15°15	16°49	28° 7	n.a.	W17
T 18	9 11 48	19°59'43	16°39	4°29	3°21	7°54	7°56	7°25	4°13	24°16	25°19	15° 7	16°46	28°14	n.a.	T 18
F 19	9 15 44	20°58'55	1♓47	6°15	4°35	8°38	8° 3	7°26	4°11	24°15	25°19	15° 0	16°43	28°20	n.a.	F 19
S 20	9 19 41	21°58'05	16°39	7°58	5°49	9°22	8°10	7°27	4°10	24°14	25°19	14°54	16°40	28°27	n.a.	S 20
S 21	9 23 38	22°57'13	1♈ 6	9°37	7° 3	10° 6	8°17	7°27	4° 8	24°14	25°20	14°51	16°37	28°34	n.a.	S 21
M22	9 27 34	23°56'18	15° 6	11°12	8°17	10°50	8°25	7°27	4° 6	24°13	25°20	14°D51	16°33	28°41	n.a.	M22
T 23	9 31 31	24°55'21	28°38	12°43	9°31	11°34	8°33	7°27	4° 4	24°12	25°20	14°51	16°30	28°47	n.a.	T 23
W24	9 35 27	25°54'22	11♉43	14° 8	10°45	12°18	8°41	7°R27	4° 3	24°12	25°20	14°52	16°27	28°54	n.a.	W24
T 25	9 39 24	26°53'20	24°24	15°29	11°59	13° 2	8°48	7°27	4° 1	24°11	25°20	14°R53	16°24	29° 1	n.a.	T 25
F 26	9 43 20	27°52'16	6♊47	16°43	13°13	13°46	8°57	7°27	3°59	24°10	25°20	14°53	16°21	29° 7	n.a.	F 26
S 27	9 47 17	28°51'09	18°56	17°52	14°27	14°30	9° 5	7°27	3°57	24°10	25°21	14°50	16°17	29°14	n.a.	S 27
S 28	9 51 13	29♒50'00	0♋55	18♓55	15♒40	15♓13	9♉13	7♏27	3♎55	24♊ 9	25♉21	14♈46	16♈14	29♋21	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s46	28n38	4n53	21s59	1s51	23s52	0s38	14s 6	0s50	13n18	0s35	12s 4	2n 8	1s13	0n41	23n15	0s28	15n31	4s 1	6n45	7n 2	26n13		n.a.
T 2	19 32	27 50	5 0	21 29	1 47	23 47	0 40	13 50	0 50	13 19	0 34	12 4	2 8	1 12	0 41	23 15	0 28	15 31	4 0	6 40	7 1	26 11		n.a.
W 3	19 17	25 45	4 55	20 57	1 43	23 41	0 42	13 34	0 49	13 21	0 34	12 5	2 8	1 12	0 41	23 15	0 28	15 31	4 0	6 35	7 0	26 10		n.a.
T 4	19 2	22 33	4 36	20 22	1 38	23 35	0 45	13 17	0 49	13 23	0 34	12 5	2 8	1 12	0 41	23 15	0 28	15 31	4 0	6 30	6 59	26 8		n.a.
F 5	18 47	18 24	4 6	19 46	1 32	23 27	0 47	13 1	0 48	13 25	0 34	12 6	2 9	1 11	0 41	23 15	0 28	15 32	4 0	6 25	6 58	26 7		n.a.
S 6	18 32	13 31	3 24	19 7	1 26	23 19	0 49	12 45	0 48	13 27	0 33	12 6	2 9	1 11	0 41	23 15	0 28	15 32	4 0	6 21	6 56	26 5		n.a.
S 7	18 16	8 6	2 33	18 27	1 19	23 11	0 51	12 28	0 47	13 29	0 33	12 7	2 9	1 10	0 41	23 15	0 28	15 32	4 0	6 19	6 55	26 4		n.a.
M 8	18 0	2 19	1 34	17 44	1 12	23 1	0 53	12 12	0 46	13 31	0 33	12 7	2 9	1 10	0 41	23 15	0 28	15 32	3 59	6 17	6 54	26 2		n.a.
T 9	17 43	3s38	0 30	17 0	1 4	22 51	0 55	11 55	0 46	13 33	0 33	12 7	2 9	1 9	0 41	23 15	0 28	15 32	3 59	6 16	6 53	26 1		n.a.
W10	17 27	9 34	0s38	16 14	0 56	22 41	0 57	11 38	0 45	13 35	0 33	12 8	2 9	1 9	0 41	23 15	0 28	15 32	3 59	6 16	6 51	25 59		n.a.
T 11	17 10	15 15	1 44	15 27	0 46	22 29	0 58	11 22	0 45	13 37	0 32	12 8	2 10	1 8	0 41	23 15	0 28	15 32	3 59	6 17	6 50	25 58		n.a.
F 12	16 52	20 24	2 47	14 39	0 37	22 17	1 0	11 5	0 44	13 39	0 32	12 8	2 10	1 8	0 41	23 15	0 28	15 32	3 59	6 17	6 49	25 56		n.a.
S 13	16 35	24 39	3 43	13 49	0 26	22 4	1 2	10 48	0 44	13 41	0 32	12 8	2 10	1 7	0 41	23 14	0 27	15 32	3 59	6 16	6 48	25 55		n.a.
S 14	16 17	27 35	4 27	12 58	0 16	21 51	1 4	10 31	0 43	13 44	0 32	12 9	2 10	1 7	0 41	23 14	0 27	15 32	3 59	6 15	6 46	25 53		n.a.
M15	15 59	28 44	4 55	12 7	0 4	21 37	1 5	10 14	0 42	13 46	0 31	12 9	2 10	1 6	0 41	23 14	0 27	15 33	3 58	6 12	6 45	25 52		n.a.
T 16	15 40	27 51	5 5	11 15	0n 7	21 22	1 7	9 57	0 42	13 48	0 31	12 9	2 10	1 6	0 41	23 14	0 27	15 33	3 58	6 9	6 44	25 50		n.a.
W17	15 22	24 55	4 53	10 24	0 19	21 7	1 8	9 39	0 41	13 51	0 31	12 9	2 11	1 5	0 41	23 14	0 27	15 33	3 58	6 6	6 43	25 48		n.a.
T 18	15 3	20 13	4 20	9 32	0 32	20 51	1 10	9 22	0 41	13 53	0 31	12 9	2 11	1 4	0 41	23 14	0 27	15 33	3 58	6 3	6 41	25 47		n.a.
F 19	14 44	14 16	3 29	8 41	0 44	20 35	1 11	9 5	0 40	13 56	0 31	12 9	2 11	1 4	0 41	23 14	0 27	15 33	3 58	6 0	6 40	25 45		n.a.
S 20	14 25	7 35	2 25	7 50	0 57	20 17	1 13	8 47	0 40	13 59	0 30	12 9	2 11	1 3	0 41	23 14	0 27	15 33	3 58	5 58	6 39	25 44		n.a.
S 21	14 5	0 40	1 13	7 1	1 10	20 0	1 14	8 30	0 39	14 1	0 30	12 9	2 11	1 2	0 41	23 14	0 27	15 33	3 58	5 57	6 38	25 42		n.a.
M22	13 45	6n 4	0n 1	6 13	1 22	19 42	1 15	8 13	0 38	14 4	0 30	12 9	2 11	1 2	0 41	23 14	0 27	15 34	3 57	5 56	6 37	25 40		n.a.
T 23	13 25	12 18	1 14	5 26	1 35	19 23	1 16	7 55	0 38	14 6	0 30	12 9	2 12	1 1	0 41	23 14	0 27	15 34	3 57	5 57	6 35	25 39		n.a.
W24	13 5	17 48	2 19	4 42	1 47	19 4	1 17	7 37	0 37	14 9	0 30	12 9	2 12	1 0	0 41	23 14	0 27	15 34	3 57	5 57	6 34	25 37		n.a.
T 25	12 45	22 21	3 17	4 0	1 59	18 44	1 18	7 20	0 37	14 12	0 29	12 9	2 12	0 59	0 41	23 14	0 27	15 34	3 57	5 57	6 33	25 35		n.a.
F 26	12 24	25 47	4 3	3 20	2 10	18 23	1 19	7 2	0 36	14 15	0 29	12 8	2 12	0 59	0 41	23 14	0 27	15 34	3 57	5 57	6 32	25 34		n.a.
S 27	12 4	27 57	4 37	2 42	2 21	18 2	1 20	6 45	0 35	14 18	0 29	12 8	2 12	0 58	0 41	23 14	0 27	15 35	3 57	5 56	6 30	25 32		n.a.
S 28	11s43	28n48	4n59	2s 8	2n32	17s41	1s21	6s27	0s35	14n21	0s29	12s 8	2n12	0s57	0n41	23n14	0s27	15n35	3s57	5n55	6n29	25n30		n.a.

Julian Day Number = 1338672.5, Delta T = 07h17m45s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'31, Lahiri = -18°25'30 Julian Calendar 1 Feb. 1048 BCE == Greg. Calendar 22 Jan. 1048 BCE

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

MARCH 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 55 10	0♓48'49	12♋48	19♓52	16♒54	15♓57	9♉22	7°R26	3°R53	24°R 9	25♉21	14°R40	16♈11	29♋28	n.a.	M 1
T 2	9 59 6	1°47'35	24°40	20°43	18° 8	16°41	9°30	7♏26	3♎51	24♊ 8	25°21	14♈33	16° 8	29°34	n.a.	T 2
W 3	10 3 3	2°46'19	6♌32	21°27	19°22	17°24	9°39	7°25	3°49	24° 8	25°22	14°25	16° 5	29°41	n.a.	W 3
T 4	10 7 0	3°45'00	18°27	22° 5	20°36	18° 8	9°48	7°24	3°47	24° 8	25°22	14°17	16° 2	29°48	n.a.	T 4
F 5	10 10 56	4°43'40	0♍28	22°36	21°50	18°51	9°57	7°24	3°45	24° 7	25°22	14°10	15°58	29°55	n.a.	F 5
S 6	10 14 53	5°42'17	12°35	23° 1	23° 4	19°34	10° 6	7°23	3°43	24° 7	25°23	14° 5	15°55	0♌ 1	n.a.	S 6
S 7	10 18 49	6°40'52	24°49	23°19	24°18	20°18	10°15	7°22	3°41	24° 7	25°23	14° 1	15°52	0° 8	n.a.	S 7
M 8	10 22 46	7°39'26	7♎13	23°30	25°32	21° 1	10°24	7°21	3°39	24° 6	25°24	14° 0	15°49	0°15	n.a.	M 8
T 9	10 26 42	8°37'57	19°48	23°R35	26°46	21°44	10°34	7°19	3°37	24° 6	25°24	13°D59	15°46	0°21	n.a.	T 9
W10	10 30 39	9°36'26	2♏36	23°35	28° 0	22°28	10°43	7°18	3°34	24° 6	25°25	14° 1	15°42	0°28	n.a.	W10
T 11	10 34 35	10°34'54	15°39	23°28	29°13	23°11	10°53	7°17	3°32	24° 6	25°25	14° 2	15°39	0°35	n.a.	T 11
F 12	10 38 32	11°33'20	29° 0	23°15	0♓27	23°54	11° 3	7°15	3°30	24° 6	25°26	14° 4	15°36	0°42	n.a.	F 12
S 13	10 42 28	12°31'45	12♐39	22°57	1°41	24°37	11°12	7°14	3°28	24° 6	25°26	14°R 4	15°33	0°48	n.a.	S 13
S 14	10 46 25	13°30'07	26°39	22°34	2°55	25°20	11°22	7°12	3°25	24° 6	25°27	14° 3	15°30	0°55	n.a.	S 14
M15	10 50 22	14°28'28	10♑58	22° 7	4° 9	26° 3	11°32	7°10	3°23	24°D 6	25°27	14° 1	15°27	1° 2	n.a.	M15
T 16	10 54 18	15°26'48	25°34	21°36	5°23	26°46	11°43	7° 9	3°21	24° 6	25°28	13°58	15°23	1° 8	n.a.	T 16
W17	10 58 15	16°25'05	10♒22	21° 1	6°37	27°29	11°53	7° 7	3°18	24° 6	25°29	13°55	15°20	1°15	n.a.	W17
T 18	11 2 11	17°23'21	25°15	20°24	7°50	28°12	12° 3	7° 5	3°16	24° 6	25°29	13°51	15°17	1°22	n.a.	T 18
F 19	11 6 8	18°21'35	10♓ 6	19°45	9° 4	28°54	12°14	7° 3	3°13	24° 6	25°30	13°48	15°14	1°29	n.a.	F 19
S 20	11 10 4	19°19'47	24°46	19° 5	10°18	29°37	12°24	7° 0	3°11	24° 6	25°31	13°45	15°11	1°35	n.a.	S 20
S 21	11 14 1	20°17'58	9♈ 8	18°25	11°32	0♈20	12°35	6°58	3° 9	24° 6	25°31	13°D45	15° 8	1°42	n.a.	S 21
M22	11 17 57	21°16'06	23° 7	17°45	12°46	1° 2	12°45	6°56	3° 6	24° 6	25°32	13°45	15° 4	1°49	n.a.	M22
T 23	11 21 54	22°14'12	6♉41	17° 6	14° 0	1°45	12°56	6°53	3° 4	24° 7	25°33	13°46	15° 1	1°55	n.a.	T 23
W24	11 25 51	23°12'17	19°51	16°28	15°13	2°27	13° 7	6°51	3° 1	24° 7	25°34	13°47	14°58	2° 2	n.a.	W24
T 25	11 29 47	24°10'19	2♊38	15°53	16°27	3°10	13°18	6°48	2°59	24° 7	25°34	13°49	14°55	2° 9	n.a.	T 25
F 26	11 33 44	25° 8'19	15° 5	15°21	17°41	3°52	13°29	6°46	2°56	24° 8	25°35	13°50	14°52	2°16	n.a.	F 26
S 27	11 37 40	26° 6'18	27°17	14°52	18°55	4°35	13°40	6°43	2°54	24° 8	25°36	13°R50	14°48	2°22	n.a.	S 27
S 28	11 41 37	27° 4'14	9♋17	14°26	20° 8	5°17	13°51	6°40	2°51	24° 8	25°37	13°49	14°45	2°29	n.a.	S 28
M29	11 45 33	28° 2'08	21°11	14° 5	21°22	5°59	14° 3	6°37	2°49	24° 9	25°38	13°48	14°42	2°36	n.a.	M29
T 30	11 49 30	29° 0'01	3♌ 3	13°48	22°36	6°42	14°14	6°34	2°46	24° 9	25°39	13°46	14°39	2°42	n.a.	T 30
W31	11 53 26	29♓57'51	14♌57	13♓36	23♓50	7♈24	14♉26	6♏31	2♎44	24♊10	25♉40	13♈44	14♈36	2♌49	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s22	28n18	5n 8	1s37	2n41	17s19	1s22	6s 9	0s34	14n23	0s29	12s 8	2n13	0s56	0n41	23n14	0s27	15n35	3s56	5n52	6n28	25n29			n.a.
T 2	11 0	26 30	5 3	1 8	2 50	16 57	1 23	5 51	0 34	14 26	0 28	12 7	2 13	0 56	0 41	23 14	0 27	15 35	3 56	5 49	6 27	25 27			n.a.
W 3	10 39	23 32	4 46	0 43	2 58	16 34	1 23	5 34	0 33	14 29	0 28	12 7	2 13	0 55	0 41	23 14	0 27	15 35	3 56	5 46	6 25	25 25			n.a.
T 4	10 17	19 35	4 16	0 22	3 5	16 11	1 24	5 16	0 32	14 32	0 28	12 7	2 13	0 54	0 41	23 14	0 27	15 36	3 56	5 43	6 24	25 24			n.a.
F 5	9 56	14 49	3 34	0 4	3 11	15 47	1 25	4 58	0 32	14 35	0 28	12 6	2 13	0 53	0 41	23 14	0 27	15 36	3 56	5 41	6 23	25 22			n.a.
S 6	9 34	9 26	2 42	0n11	3 16	15 23	1 25	4 40	0 31	14 39	0 28	12 6	2 13	0 52	0 41	23 14	0 27	15 36	3 56	5 38	6 22	25 20			n.a.
S 7	9 12	3 39	1 42	0 21	3 20	14 58	1 26	4 22	0 31	14 42	0 27	12 5	2 14	0 51	0 41	23 14	0 27	15 36	3 55	5 37	6 20	25 19			n.a.
M 8	8 50	2s21	0 37	0 28	3 22	14 34	1 26	4 4	0 30	14 45	0 27	12 5	2 14	0 50	0 41	23 14	0 27	15 37	3 55	5 36	6 19	25 17			n.a.
T 9	8 28	8 21	0s32	0 31	3 24	14 8	1 26	3 47	0 29	14 48	0 27	12 4	2 14	0 50	0 41	23 15	0 27	15 37	3 55	5 36	6 18	25 15			n.a.
W10	8 5	14 8	1 40	0 31	3 23	13 43	1 26	3 29	0 29	14 51	0 27	12 4	2 14	0 49	0 41	23 15	0 27	15 37	3 55	5 37	6 17	25 13			n.a.
T 11	7 43	19 24	2 44	0 27	3 22	13 17	1 27	3 11	0 28	14 54	0 27	12 3	2 14	0 48	0 41	23 15	0 27	15 37	3 55	5 37	6 15	25 12			n.a.
F 12	7 21	23 51	3 41	0 19	3 19	12 50	1 27	2 53	0 28	14 58	0 27	12 2	2 14	0 47	0 41	23 15	0 27	15 38	3 55	5 38	6 14	25 10			n.a.
S 13	6 58	27 5	4 27	0 8	3 14	12 23	1 27	2 35	0 27	15 1	0 26	12 2	2 14	0 46	0 41	23 15	0 27	15 38	3 55	5 38	6 13	25 8			n.a.
S 14	6 35	28 45	4 58	0s 7	3 8	11 56	1 27	2 17	0 26	15 4	0 26	12 1	2 15	0 45	0 41	23 15	0 27	15 38	3 54	5 38	6 12	25 6			n.a.
M15	6 12	28 33	5 12	0 25	3 1	11 29	1 27	1 59	0 26	15 7	0 26	12 0	2 15	0 44	0 41	23 15	0 27	15 38	3 54	5 37	6 10	25 5			n.a.
T 16	5 50	26 23	5 6	0 45	2 52	11 1	1 26	1 41	0 25	15 11	0 26	12 0	2 15	0 43	0 41	23 15	0 27	15 39	3 54	5 36	6 9	25 3			n.a.
W17	5 27	22 24	4 40	1 9	2 42	10 33	1 26	1 24	0 25	15 14	0 26	11 59	2 15	0 42	0 42	23 15	0 27	15 39	3 54	5 34	6 8	25 1			n.a.
T 18	5 4	16 59	3 55	1 34	2 30	10 5	1 26	1 6	0 24	15 18	0 26	11 58	2 15	0 41	0 42	23 15	0 27	15 39	3 54	5 33	6 7	24 59			n.a.
F 19	4 40	10 35	2 54	2 1	2 18	9 37	1 26	0 48	0 23	15 21	0 25	11 57	2 15	0 40	0 42	23 15	0 27	15 40	3 54	5 32	6 5	24 58			n.a.
S 20	4 17	3 41	1 42	2 29	2 4	9 8	1 25	0 30	0 23	15 24	0 25	11 57	2 15	0 39	0 42	23 15	0 27	15 40	3 54	5 31	6 4	24 56			n.a.
S 21	3 54	3n17	0 25	2 59	1 49	8 39	1 25	0 12	0 22	15 28	0 25	11 56	2 15	0 38	0 42	23 15	0 27	15 40	3 53	5 30	6 3	24 54			n.a.
M22	3 31	9 55	0n51	3 29	1 34	8 10	1 24	0n 5	0 22	15 31	0 25	11 55	2 16	0 37	0 42	23 15	0 26	15 41	3 53	5 30	6 2	24 52			n.a.
T 23	3 8	15 54	2 3	3 59	1 18	7 41	1 24	0 23	0 21	15 35	0 25	11 54	2 16	0 36	0 42	23 15	0 26	15 41	3 53	5 31	6 0	24 50			n.a.
W24	2 44	20 58	3 6	4 28	1 2	7 11	1 23	0 41	0 20	15 38	0 25	11 53	2 16	0 35	0 42	23 15	0 26	15 41	3 53	5 31	5 59	24 49			n.a.
T 25	2 21	24 54	3 58	4 57	0 45	6 41	1 22	0 59	0 20	15 42	0 24	11 52	2 16	0 34	0 42	23 15	0 26	15 42	3 53	5 32	5 58	24 47			n.a.
F 26	1 58	27 33	4 37	5 25	0 29	6 11	1 21	1 16	0 19	15 45	0 24	11 51	2 16	0 33	0 42	23 15	0 26	15 42	3 53	5 32	5 57	24 45			n.a.
S 27	1 34	28 50	5 2	5 52	0 12	5 41	1 21	1 34	0 18	15 49	0 24	11 50	2 16	0 32	0 42	23 15	0 26	15 42	3 53	5 32	5 56	24 43			n.a.
S 28	1 11	28 43	5 14	6 17	0s 4	5 11	1 20	1 52	0 18	15 52	0 24	11 49	2 16	0 31	0 42	23 15	0 26	15 42	3 53	5 32	5 54	24 41			n.a.
M29	0 48	27 16	5 13	6 40	0 20	4 41	1 19	2 9	0 17	15 56	0 24	11 48	2 16	0 30	0 42	23 15	0 26	15 43	3 52	5 32	5 53	24 39			n.a.
T 30	0 24	24 36	4 58	7 1	0 36	4 10	1 18	2 27	0 17	15 59	0 24	11 47	2 16	0 29	0 42	23 15	0 26	15 43	3 52	5 31	5 52	24 37			n.a.
W31	0s 1	20n54	4n30	7s20	0s51	3s39	1s17	2n44	0s16	16n 3	0s23	11s46	2n17	0s28	0n42	23n15	0s26	15n44	3s52	5n30	5n51	24n36			n.a.

Julian Day Number = 1338700.5, Delta T = 07h17m43s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'27, Lahiri = -18°25'26 Julian Calendar 1 March 1048 BCE == Greg. Calendar 19 Feb. 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

APRIL 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 23	0♈55'40	26♌56	13°R28	25♓ 3	8♈ 6	14♉37	6°R28	2°R41	24♊10	25♉40	13°R42	14♈33	2♌56	n.a.	T 1
F 2	12 1 20	1°53'27	9♍ 3	13°D24	26°17	8°48	14°49	6♏25	2♎39	24°11	25°41	13♈41	14°29	3° 3	n.a.	F 2
S 3	12 5 16	2°51'12	21°20	13♓26	27°31	9°30	15° 0	6°22	2°36	24°12	25°42	13°40	14°26	3° 9	n.a.	S 3
S 4	12 9 13	3°48'55	3♎49	13°32	28°45	10°12	15°12	6°18	2°34	24°12	25°43	13°39	14°23	3°16	n.a.	S 4
M 5	12 13 9	4°46'37	16°31	13°43	29°58	10°54	15°24	6°15	2°31	24°13	25°44	13°D39	14°20	3°23	n.a.	M 5
T 6	12 17 6	5°44'18	29°25	13°58	1♈12	11°36	15°36	6°12	2°28	24°14	25°45	13°39	14°17	3°30	n.a.	T 6
W 7	12 21 2	6°41'57	12♏34	14°18	2°26	12°18	15°48	6° 8	2°26	24°14	25°46	13°40	14°14	3°36	n.a.	W 7
T 8	12 24 59	7°39'35	25°56	14°42	3°39	13° 0	16° 0	6° 5	2°23	24°15	25°47	13°40	14°10	3°43	n.a.	T 8
F 9	12 28 55	8°37'12	9♐32	15°10	4°53	13°41	16°12	6° 1	2°21	24°16	25°49	13°41	14° 7	3°50	n.a.	F 9
S 10	12 32 52	9°34'47	23°20	15°43	6° 7	14°23	16°24	5°57	2°18	24°17	25°50	13°41	14° 4	3°56	n.a.	S 10
S 11	12 36 48	10°32'22	7♑21	16°19	7°21	15° 5	16°36	5°54	2°16	24°18	25°51	13°R41	14° 1	4° 3	n.a.	S 11
M12	12 40 45	11°29'56	21°32	17° 0	8°34	15°46	16°48	5°50	2°13	24°18	25°52	13°41	13°58	4°10	n.a.	M12
T 13	12 44 42	12°27'28	5♒53	17°44	9°48	16°28	17° 0	5°46	2°11	24°19	25°53	13°41	13°54	4°17	n.a.	T 13
W14	12 48 38	13°25'00	20°18	18°32	11° 2	17° 9	17°13	5°42	2° 8	24°20	25°54	13°D41	13°51	4°23	n.a.	W14
T 15	12 52 35	14°22'30	4♓45	19°23	12°15	17°51	17°25	5°38	2° 6	24°21	25°55	13°41	13°48	4°30	n.a.	T 15
F 16	12 56 31	15°19'59	19° 9	20°18	13°29	18°32	17°38	5°34	2° 4	24°22	25°56	13°41	13°45	4°37	n.a.	F 16
S 17	13 0 28	16°17'27	3♈25	21°16	14°43	19°14	17°50	5°30	2° 1	24°23	25°58	13°41	13°42	4°43	n.a.	S 17
S 18	13 4 24	17°14'54	17°28	22°17	15°56	19°55	18° 3	5°26	1°59	24°24	25°59	13°R41	13°39	4°50	n.a.	S 18
M19	13 8 21	18°12'20	1♉14	23°22	17°10	20°36	18°15	5°22	1°56	24°25	26° 0	13°41	13°35	4°57	n.a.	M19
T 20	13 12 17	19° 9'45	14°41	24°29	18°24	21°18	18°28	5°18	1°54	24°27	26° 1	13°41	13°32	5° 4	n.a.	T 20
W21	13 16 14	20° 7'09	27°48	25°39	19°38	21°59	18°41	5°14	1°52	24°28	26° 2	13°40	13°29	5°10	n.a.	W21
T 22	13 20 11	21° 4'31	10♊34	26°53	20°51	22°40	18°53	5°10	1°49	24°29	26° 4	13°39	13°26	5°17	n.a.	T 22
F 23	13 24 7	22° 1'52	23° 3	28° 9	22° 5	23°21	19° 6	5° 6	1°47	24°30	26° 5	13°38	13°23	5°24	n.a.	F 23
S 24	13 28 4	22°59'12	5♋17	29°28	23°19	24° 2	19°19	5° 1	1°45	24°31	26° 6	13°37	13°19	5°30	n.a.	S 24
S 25	13 32 0	23°56'31	17°19	0♈49	24°32	24°43	19°32	4°57	1°42	24°33	26° 8	13°37	13°16	5°37	n.a.	S 25
M26	13 35 57	24°53'49	29°14	2°14	25°46	25°24	19°45	4°53	1°40	24°34	26° 9	13°D37	13°13	5°44	n.a.	M26
T 27	13 39 53	25°51'05	11♌ 7	3°41	27° 0	26° 5	19°58	4°49	1°38	24°35	26°10	13°37	13°10	5°51	n.a.	T 27
W28	13 43 50	26°48'20	23° 2	5°10	28°13	26°46	20°11	4°44	1°36	24°37	26°11	13°38	13° 7	5°57	n.a.	W28
T 29	13 47 47	27°45'34	5♍ 3	6°43	29°27	27°27	20°24	4°40	1°33	24°38	26°13	13°39	13° 4	6° 4	n.a.	T 29
F 30	13 51 43	28♈42'47	17♍15	8♈18	0♉40	28♈ 8	20♉37	4♏36	1♎31	24♊39	26♉14	13♈41	13♈ 0	6♌11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n22	16n19	3n50	7s36	1s 5	3s 9	1s15	3n 2	0s15	16n 7	0s23	11s45	2n17	0s27	0n42	23n15	0s26	15n44	3s52	5n30	5n49	24n34		n.a.
F 2	0 46	11 4	3 0	7 50	1 19	2 38	1 14	3 19	0 15	16 10	0 23	11 43	2 17	0 26	0 42	23 15	0 26	15 44	3 52	5 29	5 48	24 32		n.a.
S 3	1 9	5 19	2 0	8 1	1 32	2 7	1 13	3 36	0 14	16 14	0 23	11 42	2 17	0 25	0 42	23 15	0 26	15 45	3 52	5 28	5 47	24 30		n.a.
S 4	1 32	0s43	0 54	8 10	1 44	1 36	1 12	3 54	0 14	16 18	0 23	11 41	2 17	0 24	0 42	23 15	0 26	15 45	3 52	5 28	5 46	24 28		n.a.
M 5	1 56	6 50	0s16	8 16	1 55	1 5	1 10	4 11	0 13	16 21	0 23	11 40	2 17	0 23	0 41	23 16	0 26	15 45	3 51	5 28	5 44	24 26		n.a.
T 6	2 19	12 47	1 26	8 20	2 6	0 34	1 9	4 28	0 12	16 25	0 23	11 39	2 17	0 22	0 41	23 16	0 26	15 46	3 51	5 28	5 43	24 24		n.a.
W 7	2 42	18 17	2 33	8 21	2 15	0 3	1 8	4 45	0 12	16 28	0 22	11 38	2 17	0 21	0 41	23 16	0 26	15 46	3 51	5 28	5 42	24 22		n.a.
T 8	3 5	23 0	3 33	8 20	2 24	0n28	1 6	5 2	0 11	16 32	0 22	11 36	2 17	0 20	0 41	23 16	0 26	15 46	3 51	5 29	5 41	24 20		n.a.
F 9	3 28	26 33	4 22	8 16	2 32	0 59	1 5	5 19	0 11	16 36	0 22	11 35	2 17	0 19	0 41	23 16	0 26	15 47	3 51	5 29	5 39	24 18		n.a.
S 10	3 51	28 36	4 57	8 9	2 39	1 30	1 3	5 36	0 10	16 39	0 22	11 34	2 17	0 18	0 41	23 16	0 26	15 47	3 51	5 29	5 38	24 16		n.a.
S 11	4 14	28 51	5 15	8 0	2 45	2 1	1 1	5 53	0 9	16 43	0 22	11 32	2 17	0 17	0 41	23 16	0 26	15 47	3 51	5 29	5 37	24 14		n.a.
M12	4 37	27 14	5 14	7 49	2 50	2 32	1 0	6 10	0 9	16 47	0 22	11 31	2 17	0 16	0 41	23 16	0 26	15 48	3 51	5 29	5 36	24 12		n.a.
T 13	5 0	23 50	4 53	7 36	2 55	3 3	0 58	6 27	0 8	16 50	0 22	11 30	2 18	0 15	0 41	23 16	0 26	15 48	3 51	5 29	5 34	24 11		n.a.
W14	5 23	18 58	4 14	7 20	2 59	3 34	0 56	6 44	0 8	16 54	0 21	11 28	2 18	0 14	0 41	23 16	0 26	15 49	3 50	5 29	5 33	24 9		n.a.
T 15	5 45	13 0	3 19	7 3	3 2	4 5	0 54	7 0	0 7	16 58	0 21	11 27	2 18	0 13	0 41	23 16	0 26	15 49	3 50	5 29	5 32	24 7		n.a.
F 16	6 8	6 23	2 12	6 43	3 4	4 36	0 53	7 17	0 6	17 1	0 21	11 26	2 18	0 12	0 41	23 16	0 26	15 49	3 50	5 29	5 31	24 5		n.a.
S 17	6 30	0n31	0 57	6 21	3 5	5 7	0 51	7 33	0 6	17 5	0 21	11 24	2 18	0 11	0 41	23 16	0 26	15 50	3 50	5 29	5 29	24 3		n.a.
S 18	6 53	7 17	0n21	5 57	3 6	5 37	0 49	7 50	0 5	17 9	0 21	11 23	2 18	0 10	0 41	23 16	0 26	15 50	3 50	5 29	5 28	24 1		n.a.
M19	7 15	13 35	1 36	5 31	3 6	6 8	0 47	8 6	0 4	17 13	0 21	11 22	2 18	0 9	0 41	23 16	0 26	15 51	3 50	5 29	5 27	23 59		n.a.
T 20	7 37	19 6	2 43	5 3	3 5	6 38	0 45	8 23	0 4	17 16	0 21	11 20	2 18	0 8	0 41	23 17	0 26	15 51	3 50	5 29	5 25	23 57		n.a.
W21	7 59	23 34	3 41	4 33	3 4	7 8	0 43	8 39	0 3	17 20	0 20	11 19	2 18	0 7	0 41	23 17	0 26	15 51	3 50	5 29	5 24	23 55		n.a.
T 22	8 21	26 46	4 25	4 2	3 1	7 38	0 41	8 55	0 3	17 24	0 20	11 17	2 18	0 6	0 41	23 17	0 26	15 52	3 50	5 28	5 23	23 53		n.a.
F 23	8 43	28 34	4 56	3 28	2 58	8 8	0 39	9 11	0 2	17 27	0 20	11 16	2 18	0 5	0 41	23 17	0 26	15 52	3 49	5 28	5 22	23 51		n.a.
S 24	9 5	28 56	5 13	2 53	2 55	8 38	0 37	9 27	0 1	17 31	0 20	11 15	2 18	0 5	0 41	23 17	0 26	15 53	3 49	5 28	5 20	23 48		n.a.
S 25	9 26	27 54	5 16	2 16	2 51	9 7	0 34	9 43	0 1	17 35	0 20	11 13	2 18	0 4	0 41	23 17	0 26	15 53	3 49	5 27	5 19	23 46		n.a.
M26	9 47	25 36	5 5	1 38	2 46	9 37	0 32	9 59	0 0	17 38	0 20	11 12	2 18	0 3	0 41	23 17	0 26	15 53	3 49	5 27	5 18	23 44		n.a.
T 27	10 9	22 12	4 41	0 58	2 41	10 6	0 30	10 14	0n 0	17 42	0 20	11 10	2 18	0 2	0 41	23 17	0 26	15 54	3 49	5 27	5 17	23 42		n.a.
W28	10 30	17 54	4 5	0 17	2 35	10 35	0 28	10 30	0 1	17 46	0 20	11 9	2 18	0 1	0 41	23 17	0 26	15 54	3 49	5 28	5 15	23 40		n.a.
T 29	10 51	12 52	3 18	0n26	2 28	11 3	0 26	10 45	0 2	17 49	0 19	11 7	2 18	0 0	0 41	23 17	0 25	15 55	3 49	5 28	5 14	23 38		n.a.
F 30	11n11	7n16	2n21	1n11	2s21	11n32	0s23	11n 1	0n 2	17n53	0s19	11s 6	2n18	0n 1	0n41	23n17	0s25	15n55	3s49	5n29	5n13	23n36		n.a.

Julian Day Number = 1338731.5, Delta T = 07h17m42s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'23, Lahiri = -18°25'22 Julian Calendar 1 Apr. 1048 BCE == Greg. Calendar 22 March 1048 BCE

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

MAY 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 55 40	29♈39'59	29♍40	9♈55	1♉54	28♈49	20♉50	4°R31	1°R29	24♊41	26♉16	13♈42	12♈57	6♌17	n.a.	S 1
S 2	13 59 36	0♉37'10	12♎22	11°36	3° 8	29°29	21° 3	4♏27	1♎27	24°42	26°17	13°R42	12°54	6°24	n.a.	S 2
M 3	14 3 33	1°34'20	25°22	13°18	4°21	0♉10	21°16	4°22	1°25	24°44	26°18	13°42	12°51	6°31	n.a.	M 3
T 4	14 7 29	2°31'30	8♏39	15° 4	5°35	0°51	21°29	4°18	1°23	24°45	26°20	13°40	12°48	6°37	n.a.	T 4
W 5	14 11 26	3°28'39	22°12	16°52	6°49	1°31	21°42	4°14	1°21	24°47	26°21	13°38	12°45	6°44	n.a.	W 5
T 6	14 15 22	4°25'47	6♐ 0	18°42	8° 2	2°12	21°56	4° 9	1°19	24°48	26°22	13°36	12°41	6°51	n.a.	T 6
F 7	14 19 19	5°22'56	20° 0	20°35	9°16	2°53	22° 9	4° 5	1°17	24°50	26°24	13°33	12°38	6°58	n.a.	F 7
S 8	14 23 16	6°20'03	4♑ 8	22°30	10°30	3°33	22°22	4° 0	1°15	24°51	26°25	13°30	12°35	7° 4	n.a.	S 8
S 9	14 27 12	7°17'11	18°21	24°28	11°43	4°14	22°35	3°56	1°13	24°53	26°27	13°28	12°32	7°11	n.a.	S 9
M10	14 31 9	8°14'18	2♒35	26°28	12°57	4°54	22°49	3°52	1°11	24°55	26°28	13°D27	12°29	7°18	n.a.	M10
T 11	14 35 5	9°11'26	16°48	28°30	14°11	5°34	23° 2	3°47	1° 9	24°56	26°30	13°27	12°25	7°24	n.a.	T 11
W12	14 39 2	10° 8'33	0♓58	0♉33	15°24	6°15	23°15	3°43	1° 8	24°58	26°31	13°28	12°22	7°31	n.a.	W12
T 13	14 42 58	11° 5'40	15° 3	2°39	16°38	6°55	23°29	3°39	1° 6	25° 0	26°32	13°30	12°19	7°38	n.a.	T 13
F 14	14 46 55	12° 2'46	29° 1	4°46	17°52	7°35	23°42	3°34	1° 4	25° 1	26°34	13°31	12°16	7°45	n.a.	F 14
S 15	14 50 51	12°59'53	12♈49	6°54	19° 5	8°15	23°56	3°30	1° 3	25° 3	26°35	13°R31	12°13	7°51	n.a.	S 15
S 16	14 54 48	13°57'00	26°27	9° 4	20°19	8°56	24° 9	3°26	1° 1	25° 5	26°37	13°31	12°10	7°58	n.a.	S 16
M17	14 58 45	14°54'06	9♉52	11°14	21°33	9°36	24°23	3°21	0°59	25° 7	26°38	13°29	12° 6	8° 5	n.a.	M17
T 18	15 2 41	15°51'12	23° 3	13°25	22°46	10°16	24°36	3°17	0°58	25° 8	26°40	13°25	12° 3	8°11	n.a.	T 18
W19	15 6 38	16°48'18	5♊58	15°36	24° 0	10°56	24°49	3°13	0°56	25°10	26°41	13°20	12° 0	8°18	n.a.	W19
T 20	15 10 34	17°45'24	18°38	17°46	25°14	11°36	25° 3	3° 9	0°55	25°12	26°43	13°15	11°57	8°25	n.a.	T 20
F 21	15 14 31	18°42'30	1♋ 3	19°57	26°27	12°16	25°16	3° 5	0°53	25°14	26°44	13° 9	11°54	8°32	n.a.	F 21
S 22	15 18 27	19°39'35	13°14	22° 7	27°41	12°56	25°30	3° 0	0°52	25°16	26°46	13° 3	11°51	8°38	n.a.	S 22
S 23	15 22 24	20°36'40	25°16	24°16	28°55	13°36	25°43	2°56	0°51	25°18	26°47	12°59	11°47	8°45	n.a.	S 23
M24	15 26 21	21°33'45	7♌10	26°25	0♊ 8	14°16	25°57	2°52	0°49	25°20	26°49	12°56	11°44	8°52	n.a.	M24
T 25	15 30 17	22°30'50	19° 2	28°32	1°22	14°56	26°11	2°48	0°48	25°21	26°50	12°D55	11°41	8°58	n.a.	T 25
W26	15 34 14	23°27'54	0♍56	0♊37	2°36	15°35	26°24	2°44	0°47	25°23	26°52	12°55	11°38	9° 5	n.a.	W26
T 27	15 38 10	24°24'58	12°57	2°42	3°49	16°15	26°38	2°40	0°46	25°25	26°53	12°57	11°35	9°12	n.a.	T 27
F 28	15 42 7	25°22'02	25°11	4°44	5° 3	16°55	26°51	2°36	0°45	25°27	26°55	12°58	11°31	9°19	n.a.	F 28
S 29	15 46 3	26°19'06	7♎40	6°45	6°17	17°35	27° 5	2°33	0°44	25°29	26°56	12°R59	11°28	9°25	n.a.	S 29
S 30	15 50 0	27°16'10	20°30	8°45	7°30	18°14	27°18	2°29	0°43	25°31	26°58	12°59	11°25	9°32	n.a.	S 30
M31	15 53 56	28♉13'14	3♏43	10♊42	8♊44	18♉54	27♉32	2♏25	0♎42	25♊33	26♉59	12♈57	11♈22	9♌39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n32	1n18	1n17	1n57	2s14	12n 0	0s21	11n16	0n 3	17n56	0s19	11s 4	2n18	0n 2	0n41	23n17	0s25	15n55	3s49	5n29	5n12	23n34		n.a.
S 2	11 52	4s51	0 7	2 44	2 6	12 28	0 19	11 31	0 3	18 0	0 19	11 3	2 18	0 2	0 41	23 17	0 25	15 56	3 49	5 29	5 10	23 32		n.a.
M 3	12 13	10 57	1s 4	3 32	1 57	12 55	0 16	11 46	0 4	18 4	0 19	11 2	2 18	0 3	0 41	23 18	0 25	15 56	3 48	5 29	5 9	23 30		n.a.
T 4	12 33	16 42	2 13	4 22	1 48	13 22	0 14	12 1	0 4	18 7	0 19	11 0	2 18	0 4	0 41	23 18	0 25	15 57	3 48	5 29	5 8	23 28		n.a.
W 5	12 52	21 46	3 16	5 13	1 39	13 49	0 12	12 16	0 5	18 11	0 19	10 59	2 18	0 5	0 41	23 18	0 25	15 57	3 48	5 28	5 7	23 26		n.a.
T 6	13 12	25 44	4 9	6 4	1 29	14 16	0 9	12 31	0 6	18 14	0 19	10 57	2 17	0 6	0 41	23 18	0 25	15 57	3 48	5 27	5 5	23 24		n.a.
F 7	13 31	28 13	4 48	6 57	1 19	14 42	0 7	12 46	0 6	18 18	0 18	10 56	2 17	0 6	0 41	23 18	0 25	15 58	3 48	5 26	5 4	23 21		n.a.
S 8	13 51	28 55	5 10	7 50	1 9	15 8	0 5	13 0	0 7	18 22	0 18	10 54	2 17	0 7	0 41	23 18	0 25	15 58	3 48	5 25	5 3	23 19		n.a.
S 9	14 10	27 42	5 13	8 44	0 58	15 33	0 2	13 15	0 7	18 25	0 18	10 53	2 17	0 8	0 41	23 18	0 25	15 59	3 48	5 24	5 2	23 17		n.a.
M10	14 29	24 42	4 57	9 38	0 47	15 58	0n 0	13 29	0 8	18 29	0 18	10 51	2 17	0 9	0 41	23 18	0 25	15 59	3 48	5 24	5 0	23 15		n.a.
T 11	14 47	20 12	4 22	10 33	0 37	16 23	0 2	13 43	0 9	18 32	0 18	10 50	2 17	0 9	0 41	23 18	0 25	15 59	3 48	5 24	4 59	23 13		n.a.
W12	15 6	14 36	3 32	11 27	0 26	16 47	0 5	13 58	0 9	18 36	0 18	10 49	2 17	0 10	0 41	23 18	0 25	16 0	3 48	5 24	4 58	23 11		n.a.
T 13	15 24	8 16	2 30	12 21	0 15	17 11	0 7	14 12	0 10	18 39	0 18	10 47	2 17	0 11	0 41	23 18	0 25	16 0	3 48	5 24	4 57	23 9		n.a.
F 14	15 42	1 36	1 19	13 16	0 4	17 35	0 10	14 26	0 10	18 43	0 18	10 46	2 17	0 11	0 41	23 19	0 25	16 1	3 47	5 25	4 55	23 6		n.a.
S 15	15 59	5n 5	0 4	14 9	0n 7	17 58	0 12	14 39	0 11	18 46	0 17	10 44	2 17	0 12	0 41	23 19	0 25	16 1	3 47	5 25	4 54	23 4		n.a.
S 16	16 17	11 27	1n10	15 1	0 18	18 20	0 14	14 53	0 12	18 50	0 17	10 43	2 17	0 13	0 41	23 19	0 25	16 2	3 47	5 25	4 53	23 2		n.a.
M17	16 34	17 12	2 19	15 53	0 28	18 42	0 17	15 7	0 12	18 53	0 17	10 42	2 17	0 13	0 41	23 19	0 25	16 2	3 47	5 24	4 52	23 0		n.a.
T 18	16 51	22 2	3 19	16 43	0 38	19 4	0 19	15 20	0 13	18 57	0 17	10 40	2 17	0 14	0 41	23 19	0 25	16 2	3 47	5 23	4 50	22 58		n.a.
W19	17 7	25 42	4 7	17 32	0 47	19 25	0 21	15 33	0 13	19 0	0 17	10 39	2 16	0 14	0 41	23 19	0 25	16 3	3 47	5 21	4 49	22 56		n.a.
T 20	17 24	28 1	4 43	18 18	0 57	19 46	0 24	15 47	0 14	19 4	0 17	10 38	2 16	0 15	0 41	23 19	0 25	16 3	3 47	5 19	4 48	22 53		n.a.
F 21	17 40	28 53	5 4	19 3	1 5	20 6	0 26	16 0	0 14	19 7	0 17	10 36	2 16	0 15	0 40	23 19	0 25	16 4	3 47	5 16	4 47	22 51		n.a.
S 22	17 56	28 18	5 10	19 46	1 13	20 25	0 28	16 12	0 15	19 10	0 17	10 35	2 16	0 16	0 40	23 19	0 25	16 4	3 47	5 14	4 45	22 49		n.a.
S 23	18 11	26 23	5 3	20 26	1 21	20 44	0 31	16 25	0 16	19 14	0 17	10 34	2 16	0 17	0 40	23 19	0 25	16 4	3 47	5 12	4 44	22 47		n.a.
M24	18 27	23 20	4 43	21 4	1 27	21 2	0 33	16 38	0 16	19 17	0 16	10 32	2 16	0 17	0 40	23 19	0 25	16 5	3 47	5 11	4 43	22 45		n.a.
T 25	18 42	19 19	4 11	21 40	1 33	21 20	0 35	16 50	0 17	19 20	0 16	10 31	2 16	0 17	0 40	23 19	0 25	16 5	3 47	5 11	4 41	22 42		n.a.
W26	18 56	14 33	3 28	22 13	1 39	21 37	0 37	17 3	0 17	19 24	0 16	10 30	2 16	0 18	0 40	23 20	0 25	16 6	3 47	5 11	4 40	22 40		n.a.
T 27	19 11	9 11	2 35	22 43	1 43	21 54	0 39	17 15	0 18	19 27	0 16	10 29	2 15	0 18	0 40	23 20	0 25	16 6	3 47	5 11	4 39	22 38		n.a.
F 28	19 25	3 24	1 35	23 11	1 48	22 10	0 42	17 27	0 19	19 30	0 16	10 27	2 15	0 19	0 40	23 20	0 25	16 6	3 47	5 12	4 38	22 36		n.a.
S 29	19 38	2s39	0 29	23 36	1 51	22 25	0 44	17 39	0 19	19 34	0 16	10 26	2 15	0 19	0 40	23 20	0 25	16 7	3 46	5 12	4 36	22 33		n.a.
S 30	19 52	8 46	0s41	23 59	1 54	22 40	0 46	17 51	0 20	19 37	0 16	10 25	2 15	0 20	0 40	23 20	0 25	16 7	3 46	5 12	4 35	22 31		n.a.
M31	20n 5	14s40	1s50	24n19	1n56	22n54	0n48	18n 3	0n20	19n40	0s16	10s24	2n15	0n20	0n40	23n20	0s25	16n 8	3s46	5n12	4n34	22n29		n.a.

Julian Day Number = 1338761.5, Delta T = 07h17m40s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'19, Lahiri = -18°25'18 Julian Calendar 1 May 1048 BCE == Greg. Calendar 21 Apr. 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

JUNE 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 57 53	29♉10'18	17♏18	12♊37	9♊58	19♉34	27♉45	2°R21	0°R41	25♊35	27♉ 1	12°R53	11♈19	9♌45	n.a.	T 1
W 2	16 1 50	0♊ 7'23	1♐15	14°31	11°11	20°13	27°59	2♏18	0♎40	25°37	27° 2	12♈48	11°16	9°52	n.a.	W 2
T 3	16 5 46	1° 4'27	15°30	16°23	12°25	20°53	28°12	2°14	0°39	25°39	27° 4	12°41	11°12	9°59	n.a.	T 3
F 4	16 9 43	2° 1'33	29°58	18°13	13°39	21°32	28°26	2°11	0°38	25°42	27° 5	12°33	11° 9	10° 5	n.a.	F 4
S 5	16 13 39	2°58'39	14♑31	20° 1	14°52	22°12	28°39	2° 7	0°37	25°44	27° 7	12°26	11° 6	10°12	n.a.	S 5
S 6	16 17 36	3°55'45	29° 4	21°47	16° 6	22°51	28°53	2° 4	0°37	25°46	27° 8	12°20	11° 3	10°19	n.a.	S 6
M 7	16 21 32	4°52'52	13♒31	23°31	17°20	23°30	29° 6	2° 0	0°36	25°48	27°10	12°16	11° 0	10°26	n.a.	M 7
T 8	16 25 29	5°50'00	27°48	25°13	18°33	24°10	29°20	1°57	0°35	25°50	27°11	12°14	10°57	10°32	n.a.	T 8
W 9	16 29 26	6°47'09	11♓53	26°53	19°47	24°49	29°33	1°54	0°35	25°52	27°13	12°D14	10°53	10°39	n.a.	W 9
T 10	16 33 22	7°44'18	25°45	28°32	21° 1	25°28	29°47	1°51	0°34	25°54	27°14	12°15	10°50	10°46	n.a.	T 10
F 11	16 37 19	8°41'29	9♈23	0♋ 8	22°14	26° 8	0♊ 0	1°48	0°34	25°56	27°16	12°R16	10°47	10°52	n.a.	F 11
S 12	16 41 15	9°38'40	22°50	1°43	23°28	26°47	0°14	1°45	0°34	25°58	27°17	12°15	10°44	10°59	n.a.	S 12
S 13	16 45 12	10°35'52	6♉ 4	3°15	24°42	27°26	0°27	1°42	0°33	26° 1	27°19	12°13	10°41	11° 6	n.a.	S 13
M14	16 49 8	11°33'06	19° 6	4°46	25°56	28° 5	0°40	1°39	0°33	26° 3	27°20	12° 8	10°37	11°13	n.a.	M14
T 15	16 53 5	12°30'20	1♊57	6°15	27° 9	28°44	0°54	1°36	0°33	26° 5	27°21	12° 1	10°34	11°19	n.a.	T 15
W16	16 57 1	13°27'34	14°37	7°42	28°23	29°24	1° 7	1°33	0°33	26° 7	27°23	11°51	10°31	11°26	n.a.	W16
T 17	17 0 58	14°24'50	27° 4	9° 6	29°37	0♊ 3	1°21	1°31	0°32	26° 9	27°24	11°40	10°28	11°33	n.a.	T 17
F 18	17 4 55	15°22'07	9♋21	10°29	0♋50	0°42	1°34	1°28	0°32	26°12	27°26	11°29	10°25	11°39	n.a.	F 18
S 19	17 8 51	16°19'24	21°27	11°50	2° 4	1°21	1°47	1°26	0°D32	26°14	27°27	11°18	10°22	11°46	n.a.	S 19
S 20	17 12 48	17°16'42	3♌25	13° 8	3°18	2° 0	2° 0	1°23	0°32	26°16	27°29	11° 9	10°18	11°53	n.a.	S 20
M21	17 16 44	18°14'00	15°17	14°25	4°32	2°39	2°14	1°21	0°32	26°18	27°30	11° 1	10°15	11°59	n.a.	M21
T 22	17 20 41	19°11'20	27° 6	15°39	5°45	3°18	2°27	1°19	0°33	26°20	27°32	10°57	10°12	12° 6	n.a.	T 22
W23	17 24 37	20° 8'40	8♍58	16°51	6°59	3°56	2°40	1°16	0°33	26°23	27°33	10°55	10° 9	12°13	n.a.	W23
T 24	17 28 34	21° 6'00	20°57	18° 1	8°13	4°35	2°53	1°14	0°33	26°25	27°34	10°D54	10° 6	12°20	n.a.	T 24
F 25	17 32 30	22° 3'22	3♎ 9	19° 8	9°26	5°14	3° 6	1°12	0°33	26°27	27°36	10°54	10° 3	12°26	n.a.	F 25
S 26	17 36 27	23° 0'44	15°38	20°12	10°40	5°53	3°19	1°10	0°34	26°29	27°37	10°R54	9°59	12°33	n.a.	S 26
S 27	17 40 24	23°58'07	28°29	21°14	11°54	6°32	3°33	1° 9	0°34	26°31	27°38	10°53	9°56	12°40	n.a.	S 27
M28	17 44 20	24°55'32	11♏46	22°13	13° 7	7°10	3°46	1° 7	0°34	26°34	27°40	10°50	9°53	12°46	n.a.	M28
T 29	17 48 17	25°52'57	25°31	23°10	14°21	7°49	3°59	1° 5	0°35	26°36	27°41	10°44	9°50	12°53	n.a.	T 29
W30	17 52 13	26♊50'23	9♐43	24♋ 3	15♋35	8♊28	4♊12	1♏ 4	0♎36	26♊38	27♉43	10♈36	9♈47	13♌ 0	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n18	20s 3	2s54	24n36	1n57	23n 7	0n50	18n14	0n21	19n43	0s16	10s23	2n15	0n20	0n40	23n20	0s25	16n 8	3s46	5n10	4n33	22n27		n.a.
W 2	20 30	24 29	3 50	24 51	1 57	23 20	0 52	18 26	0 21	19 46	0 16	10 22	2 14	0 21	0 40	23 20	0 25	16 8	3 46	5 8	4 31	22 24		n.a.
T 3	20 42	27 33	4 33	25 4	1 57	23 32	0 54	18 37	0 22	19 50	0 15	10 21	2 14	0 21	0 40	23 20	0 25	16 9	3 46	5 5	4 30	22 22		n.a.
F 4	20 54	28 49	4 59	25 14	1 57	23 44	0 56	18 48	0 23	19 53	0 15	10 20	2 14	0 21	0 40	23 20	0 25	16 9	3 46	5 2	4 29	22 20		n.a.
S 5	21 5	28 5	5 6	25 22	1 56	23 54	0 58	18 59	0 23	19 56	0 15	10 18	2 14	0 21	0 40	23 20	0 25	16 10	3 46	4 59	4 28	22 17		n.a.
S 6	21 16	25 27	4 54	25 27	1 54	24 5	1 0	19 10	0 24	19 59	0 15	10 17	2 14	0 22	0 40	23 21	0 25	16 10	3 46	4 57	4 26	22 15		n.a.
M 7	21 27	21 13	4 22	25 31	1 51	24 14	1 2	19 20	0 24	20 2	0 15	10 16	2 14	0 22	0 40	23 21	0 25	16 10	3 46	4 56	4 25	22 13		n.a.
T 8	21 37	15 47	3 35	25 32	1 48	24 22	1 3	19 31	0 25	20 5	0 15	10 16	2 13	0 22	0 40	23 21	0 25	16 11	3 46	4 55	4 24	22 10		n.a.
W 9	21 47	9 36	2 35	25 32	1 45	24 30	1 5	19 41	0 25	20 8	0 15	10 15	2 13	0 22	0 40	23 21	0 25	16 11	3 46	4 55	4 23	22 8		n.a.
T 10	21 57	3 3	1 27	25 30	1 41	24 37	1 7	19 51	0 26	20 11	0 15	10 14	2 13	0 22	0 40	23 21	0 25	16 11	3 46	4 55	4 21	22 6		n.a.
F 11	22 6	3n33	0 15	25 26	1 36	24 44	1 9	20 1	0 26	20 14	0 15	10 13	2 13	0 23	0 40	23 21	0 25	16 12	3 46	4 55	4 20	22 3		n.a.
S 12	22 15	9 53	0n56	25 20	1 31	24 50	1 10	20 11	0 27	20 17	0 15	10 12	2 13	0 23	0 40	23 21	0 25	16 12	3 46	4 55	4 19	22 1		n.a.
S 13	22 24	15 42	2 4	25 13	1 26	24 55	1 12	20 21	0 28	20 20	0 14	10 11	2 12	0 23	0 40	23 21	0 25	16 13	3 46	4 54	4 17	21 59		n.a.
M14	22 32	20 43	3 3	25 4	1 20	24 59	1 13	20 30	0 28	20 23	0 14	10 10	2 12	0 23	0 40	23 21	0 25	16 13	3 46	4 52	4 16	21 56		n.a.
T 15	22 39	24 41	3 53	24 53	1 13	25 2	1 15	20 40	0 29	20 26	0 14	10 9	2 12	0 23	0 40	23 21	0 25	16 13	3 46	4 49	4 15	21 54		n.a.
W16	22 47	27 23	4 30	24 42	1 6	25 5	1 16	20 49	0 29	20 29	0 14	10 9	2 12	0 23	0 40	23 21	0 25	16 14	3 46	4 45	4 14	21 52		n.a.
T 17	22 54	28 40	4 53	24 29	0 59	25 7	1 18	20 58	0 30	20 32	0 14	10 8	2 12	0 23	0 39	23 21	0 25	16 14	3 46	4 41	4 12	21 49		n.a.
F 18	23 0	28 31	5 2	24 15	0 51	25 8	1 19	21 7	0 30	20 35	0 14	10 7	2 11	0 23	0 39	23 21	0 25	16 14	3 46	4 37	4 11	21 47		n.a.
S 19	23 6	26 59	4 58	24 0	0 43	25 8	1 20	21 16	0 31	20 37	0 14	10 7	2 11	0 23	0 39	23 22	0 24	16 15	3 46	4 32	4 10	21 45		n.a.
S 20	23 12	24 14	4 40	23 44	0 35	25 8	1 21	21 24	0 31	20 40	0 14	10 6	2 11	0 23	0 39	23 22	0 24	16 15	3 46	4 29	4 9	21 42		n.a.
M21	23 18	20 30	4 11	23 27	0 26	25 7	1 22	21 33	0 32	20 43	0 14	10 5	2 11	0 23	0 39	23 22	0 24	16 15	3 46	4 26	4 7	21 40		n.a.
T 22	23 22	15 58	3 31	23 10	0 17	25 5	1 24	21 41	0 33	20 46	0 14	10 5	2 11	0 23	0 39	23 22	0 24	16 16	3 46	4 24	4 6	21 37		n.a.
W23	23 27	10 49	2 41	22 51	0 7	25 2	1 25	21 49	0 33	20 48	0 13	10 4	2 10	0 23	0 39	23 22	0 24	16 16	3 46	4 23	4 5	21 35		n.a.
T 24	23 31	5 14	1 44	22 32	0s 3	24 59	1 25	21 57	0 34	20 51	0 13	10 4	2 10	0 23	0 39	23 22	0 24	16 16	3 46	4 23	4 4	21 33		n.a.
F 25	23 35	0s39	0 41	22 13	0 13	24 55	1 26	22 5	0 34	20 54	0 13	10 3	2 10	0 22	0 39	23 22	0 24	16 17	3 45	4 23	4 2	21 30		n.a.
S 26	23 38	6 38	0s25	21 53	0 24	24 50	1 27	22 12	0 35	20 56	0 13	10 3	2 10	0 22	0 39	23 22	0 24	16 17	3 45	4 23	4 1	21 28		n.a.
S 27	23 41	12 32	1 32	21 33	0 34	24 44	1 28	22 19	0 35	20 59	0 13	10 2	2 9	0 22	0 39	23 22	0 24	16 17	3 45	4 22	4 0	21 25		n.a.
M28	23 43	18 4	2 36	21 13	0 45	24 38	1 29	22 27	0 36	21 2	0 13	10 2	2 9	0 22	0 39	23 22	0 24	16 18	3 45	4 21	3 59	21 23		n.a.
T 29	23 45	22 53	3 33	20 52	0 57	24 31	1 29	22 34	0 36	21 4	0 13	10 2	2 9	0 22	0 39	23 22	0 24	16 18	3 45	4 19	3 57	21 21		n.a.
W30	23n47	26s31	4s19	20n32	1s 8	24n23	1n30	22n41	0n37	21n 7	0s13	10s 1	2n 9	0n21	0n39	23n22	0s24	16n18	3s45	4n16	3n56	21n18		n.a.

Julian Day Number = 1338792.5, Delta T = 07h17m39s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'14, Lahiri = -18°25'14 Julian Calendar 1 June 1048 BCE == Greg. Calendar 22 May 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

JULY 1048 BCE (-1047) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 10	27♊47'50	24♐18	24♋53	16♋48	9♊ 6	4♊24	1°R 2	0♎36	26♊40	27♉44	10°R26	9♈43	13♌ 7	n.a.	T 1
F 2	18 0 6	28°45'19	9♑ 9	25°40	18° 2	9°45	4°37	1♏ 1	0°37	26°43	27°45	10♈15	9°40	13°13	n.a.	F 2
S 3	18 4 3	29°42'49	24° 7	26°24	19°16	10°24	4°50	1° 0	0°38	26°45	27°47	10° 5	9°37	13°20	n.a.	S 3
S 4	18 8 0	0♋40'20	9♒ 3	27° 4	20°29	11° 2	5° 3	0°58	0°38	26°47	27°48	9°56	9°34	13°27	n.a.	S 4
M 5	18 11 56	1°37'53	23°49	27°40	21°43	11°41	5°16	0°57	0°39	26°49	27°49	9°50	9°31	13°33	n.a.	M 5
T 6	18 15 53	2°35'28	8♓19	28°12	22°57	12°19	5°29	0°56	0°40	26°51	27°50	9°46	9°28	13°40	n.a.	T 6
W 7	18 19 49	3°33'04	22°30	28°39	24°10	12°58	5°41	0°55	0°41	26°54	27°52	9°45	9°24	13°47	n.a.	W 7
T 8	18 23 46	4°30'42	6♈19	29° 3	25°24	13°36	5°54	0°55	0°42	26°56	27°53	9°44	9°21	13°53	n.a.	T 8
F 9	18 27 42	5°28'21	19°50	29°21	26°38	14°15	6° 6	0°54	0°43	26°58	27°54	9°44	9°18	14° 0	n.a.	F 9
S 10	18 31 39	6°26'02	3♉ 2	29°35	27°51	14°53	6°19	0°53	0°44	27° 0	27°55	9°43	9°15	14° 7	n.a.	S 10
S 11	18 35 35	7°23'45	16° 0	29°43	29° 5	15°31	6°31	0°53	0°45	27° 3	27°57	9°39	9°12	14°14	n.a.	S 11
M12	18 39 32	8°21'30	28°45	29°R47	0♌18	16°10	6°44	0°52	0°46	27° 5	27°58	9°33	9° 9	14°20	n.a.	M12
T 13	18 43 29	9°19'17	11♊18	29°44	1°32	16°48	6°56	0°52	0°47	27° 7	27°59	9°24	9° 5	14°27	n.a.	T 13
W14	18 47 25	10°17'05	23°41	29°36	2°46	17°26	7° 9	0°52	0°49	27° 9	28° 0	9°12	9° 2	14°34	n.a.	W14
T 15	18 51 22	11°14'56	5♋56	29°23	3°59	18° 5	7°21	0°51	0°50	27°11	28° 1	8°59	8°59	14°40	n.a.	T 15
F 16	18 55 18	12°12'47	18° 2	29° 3	5°13	18°43	7°33	0°D51	0°51	27°13	28° 2	8°45	8°56	14°47	n.a.	F 16
S 17	18 59 15	13°10'41	0♌ 1	28°38	6°27	19°21	7°45	0°51	0°53	27°16	28° 4	8°31	8°53	14°54	n.a.	S 17
S 18	19 3 11	14° 8'35	11°55	28° 7	7°40	19°59	7°57	0°52	0°54	27°18	28° 5	8°20	8°49	15° 0	n.a.	S 18
M19	19 7 8	15° 6'32	23°44	27°30	8°54	20°38	8° 9	0°52	0°56	27°20	28° 6	8°10	8°46	15° 7	n.a.	M19
T 20	19 11 4	16° 4'30	5♍32	26°49	10° 7	21°16	8°21	0°52	0°57	27°22	28° 7	8° 4	8°43	15°14	n.a.	T 20
W21	19 15 1	17° 2'29	17°23	26° 3	11°21	21°54	8°33	0°53	0°59	27°24	28° 8	8° 0	8°40	15°21	n.a.	W21
T 22	19 18 58	18° 0'30	29°20	25°13	12°34	22°32	8°45	0°53	1° 1	27°26	28° 9	7°59	8°37	15°27	n.a.	T 22
F 23	19 22 54	18°58'33	11♎29	24°19	13°48	23°10	8°57	0°54	1° 2	27°28	28°10	7°D59	8°34	15°34	n.a.	F 23
S 24	19 26 51	19°56'37	23°55	23°24	15° 1	23°48	9° 9	0°54	1° 4	27°31	28°11	7°R59	8°30	15°41	n.a.	S 24
S 25	19 30 47	20°54'42	6♏43	22°27	16°15	24°26	9°20	0°55	1° 6	27°33	28°12	7°58	8°27	15°47	n.a.	S 25
M26	19 34 44	21°52'49	19°57	21°31	17°28	25° 4	9°32	0°56	1° 8	27°35	28°13	7°55	8°24	15°54	n.a.	M26
T 27	19 38 40	22°50'58	3♐41	20°35	18°42	25°42	9°43	0°57	1°10	27°37	28°14	7°50	8°21	16° 1	n.a.	T 27
W28	19 42 37	23°49'09	17°54	19°42	19°55	26°20	9°55	0°58	1°12	27°39	28°15	7°43	8°18	16° 7	n.a.	W28
T 29	19 46 33	24°47'21	2♑35	18°53	21° 9	26°58	10° 6	0°59	1°14	27°41	28°16	7°33	8°15	16°14	n.a.	T 29
F 30	19 50 30	25°45'35	17°37	18° 9	22°22	27°36	10°17	1° 1	1°16	27°43	28°17	7°23	8°11	16°21	n.a.	F 30
S 31	19 54 27	26♋43'51	2♒50	17♋30	23♌36	28♊13	10♊29	1♏ 2	1♎18	27♊45	28♉18	7♈13	8♈ 8	16♌27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸		⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	28s31	4s49	20n11	1s20	24n14	1n30	22n47	0n38	21n 9	0s13	10s 1	2n 8	0n21	0n39	23n22	0s24	16n19	3s45	4n12	3n55	21n16		n.a.
F 2	23 49	28 30	5 1	19 51	1 31	24 5	1 31	22 54	0 38	21 12	0 13	10 1	2 8	0 21	0 39	23 23	0 24	16 19	3 45	4 7	3 53	21 13		n.a.
S 3	23 49	26 25	4 52	19 31	1 43	23 55	1 31	23 0	0 39	21 14	0 13	10 1	2 8	0 20	0 39	23 23	0 24	16 19	3 45	4 3	3 52	21 11		n.a.
S 4	23 49	22 30	4 23	19 12	1 55	23 44	1 32	23 6	0 39	21 17	0 12	10 0	2 8	0 20	0 39	23 23	0 24	16 20	3 45	4 0	3 51	21 8		n.a.
M 5	23 49	17 12	3 37	18 53	2 7	23 33	1 32	23 12	0 40	21 19	0 12	10 0	2 7	0 20	0 39	23 23	0 24	16 20	3 45	3 57	3 50	21 6		n.a.
T 6	23 48	11 1	2 38	18 35	2 20	23 21	1 32	23 18	0 40	21 22	0 12	10 0	2 7	0 19	0 39	23 23	0 24	16 20	3 45	3 56	3 48	21 3		n.a.
W 7	23 46	4 24	1 30	18 17	2 32	23 8	1 32	23 23	0 41	21 24	0 12	10 0	2 7	0 19	0 39	23 23	0 24	16 20	3 45	3 55	3 47	21 1		n.a.
T 8	23 45	2n16	0 18	18 1	2 44	22 54	1 32	23 29	0 41	21 26	0 12	10 0	2 7	0 18	0 39	23 23	0 24	16 21	3 45	3 55	3 46	20 58		n.a.
F 9	23 42	8 41	0n53	17 45	2 55	22 40	1 32	23 34	0 42	21 29	0 12	10 0	2 6	0 18	0 39	23 23	0 24	16 21	3 45	3 55	3 45	20 56		n.a.
S 10	23 40	14 36	2 0	17 31	3 7	22 25	1 32	23 39	0 42	21 31	0 12	10 0	2 6	0 18	0 39	23 23	0 24	16 21	3 45	3 54	3 43	20 53		n.a.
S 11	23 37	19 44	2 59	17 18	3 18	22 10	1 32	23 44	0 43	21 33	0 12	10 0	2 6	0 17	0 38	23 23	0 24	16 22	3 45	3 53	3 42	20 51		n.a.
M12	23 33	23 54	3 48	17 7	3 29	21 54	1 32	23 49	0 43	21 35	0 12	10 0	2 6	0 17	0 38	23 23	0 24	16 22	3 45	3 51	3 41	20 48		n.a.
T 13	23 29	26 52	4 25	16 57	3 40	21 37	1 31	23 53	0 44	21 38	0 12	10 0	2 5	0 16	0 38	23 23	0 24	16 22	3 45	3 47	3 39	20 46		n.a.
W14	23 25	28 29	4 49	16 49	3 49	21 20	1 31	23 57	0 45	21 40	0 11	10 0	2 5	0 15	0 38	23 23	0 24	16 22	3 45	3 42	3 38	20 43		n.a.
T 15	23 20	28 40	4 59	16 43	3 58	21 2	1 30	24 2	0 45	21 42	0 11	10 0	2 5	0 15	0 38	23 23	0 24	16 23	3 45	3 37	3 37	20 41		n.a.
F 16	23 15	27 28	4 56	16 40	4 6	20 43	1 30	24 5	0 46	21 44	0 11	10 1	2 5	0 14	0 38	23 23	0 24	16 23	3 45	3 31	3 36	20 38		n.a.
S 17	23 9	25 0	4 39	16 38	4 13	20 24	1 29	24 9	0 46	21 46	0 11	10 1	2 4	0 14	0 38	23 23	0 24	16 23	3 45	3 26	3 34	20 36		n.a.
S 18	23 3	21 30	4 10	16 38	4 19	20 4	1 28	24 13	0 47	21 48	0 11	10 1	2 4	0 13	0 38	23 23	0 24	16 23	3 45	3 21	3 33	20 33		n.a.
M19	22 57	17 8	3 31	16 41	4 24	19 44	1 28	24 16	0 47	21 50	0 11	10 2	2 4	0 12	0 38	23 24	0 24	16 24	3 45	3 18	3 32	20 31		n.a.
T 20	22 50	12 8	2 43	16 46	4 27	19 23	1 27	24 19	0 48	21 52	0 11	10 2	2 4	0 12	0 38	23 24	0 24	16 24	3 45	3 15	3 31	20 28		n.a.
W21	22 43	6 42	1 47	16 53	4 28	19 2	1 26	24 22	0 48	21 54	0 11	10 2	2 3	0 11	0 38	23 24	0 24	16 24	3 45	3 14	3 29	20 26		n.a.
T 22	22 35	0 58	0 46	17 3	4 28	18 40	1 25	24 25	0 49	21 56	0 11	10 3	2 3	0 10	0 38	23 24	0 24	16 24	3 45	3 13	3 28	20 23		n.a.
F 23	22 27	4s54	0s19	17 14	4 26	18 17	1 24	24 28	0 49	21 58	0 11	10 3	2 3	0 10	0 38	23 24	0 24	16 24	3 45	3 13	3 27	20 21		n.a.
S 24	22 19	10 43	1 23	17 28	4 21	17 54	1 23	24 30	0 50	22 0	0 11	10 4	2 3	0 9	0 38	23 24	0 24	16 25	3 45	3 13	3 26	20 18		n.a.
S 25	22 10	16 16	2 26	17 43	4 15	17 31	1 22	24 32	0 50	22 2	0 10	10 4	2 2	0 8	0 38	23 24	0 24	16 25	3 45	3 12	3 24	20 16		n.a.
M26	22 1	21 16	3 23	18 0	4 7	17 7	1 20	24 35	0 51	22 4	0 10	10 5	2 2	0 7	0 38	23 24	0 24	16 25	3 45	3 11	3 23	20 13		n.a.
T 27	21 51	25 19	4 10	18 19	3 57	16 43	1 19	24 36	0 51	22 6	0 10	10 5	2 2	0 7	0 38	23 24	0 24	16 25	3 45	3 9	3 22	20 10		n.a.
W28	21 41	27 59	4 44	18 38	3 45	16 18	1 18	24 38	0 52	22 7	0 10	10 6	2 2	0 6	0 38	23 24	0 24	16 25	3 46	3 6	3 20	20 8		n.a.
T 29	21 31	28 48	5 1	18 58	3 32	15 53	1 16	24 40	0 52	22 9	0 10	10 7	2 1	0 5	0 38	23 24	0 24	16 26	3 46	3 3	3 19	20 5		n.a.
F 30	21 20	27 33	4 57	19 19	3 17	15 27	1 15	24 41	0 53	22 11	0 10	10 7	2 1	0 4	0 38	23 24	0 24	16 26	3 46	2 58	3 18	20 3		n.a.
S 31	21n 9	24s15	4s32	19n40	3s 1	15n 1	1n13	24n42	0n54	22n13	0s10	10s 8	2n 1	0n 3	0n38	23n24	0s24	16n26	3s46	2n54	3n17	20n 0		n.a.

Julian Day Number = 1338822.5, Delta T = 07h17m37s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'10, Lahiri = -18°25'10 Julian Calendar 1 July 1048 BCE == Greg. Calendar 21 June 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

AUGUST 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 58 23	27♋42'09	18♒ 5	16°R58	24♌49	28♊51	10♊40	1♏ 4	1♎20	27♊47	28♉19	7°R 4	8♈ 5	16♌34	n.a.	S 1
M 2	20 2 20	28°40'28	3♓ 9	16♋34	26° 2	29°29	10°51	1° 5	1°22	27°49	28°19	6♈58	8° 2	16°41	n.a.	M 2
T 3	20 6 16	29°38'50	17°56	16°18	27°16	0♋ 7	11° 2	1° 7	1°24	27°51	28°20	6°54	7°59	16°48	n.a.	T 3
W 4	20 10 13	0♌37'15	2♈19	16°D11	28°29	0°45	11°13	1° 9	1°26	27°53	28°21	6°D53	7°55	16°54	n.a.	W 4
T 5	20 14 9	1°35'41	16°17	16°13	29°42	1°22	11°23	1°10	1°29	27°55	28°22	6°53	7°52	17° 1	n.a.	T 5
F 6	20 18 6	2°34'10	29°49	16°24	0♍56	2° 0	11°34	1°12	1°31	27°57	28°23	6°R54	7°49	17° 8	n.a.	F 6
S 7	20 22 2	3°32'41	12♉59	16°44	2° 9	2°38	11°45	1°14	1°33	27°58	28°23	6°53	7°46	17°14	n.a.	S 7
S 8	20 25 59	4°31'14	25°50	17°13	3°22	3°15	11°55	1°17	1°36	28° 0	28°24	6°51	7°43	17°21	n.a.	S 8
M 9	20 29 56	5°29'50	8♊24	17°51	4°36	3°53	12° 6	1°19	1°38	28° 2	28°25	6°47	7°40	17°28	n.a.	M 9
T 10	20 33 52	6°28'28	20°46	18°38	5°49	4°31	12°16	1°21	1°41	28° 4	28°25	6°40	7°36	17°34	n.a.	T 10
W11	20 37 49	7°27'09	2♋57	19°32	7° 2	5° 8	12°26	1°24	1°43	28° 6	28°26	6°30	7°33	17°41	n.a.	W11
T 12	20 41 45	8°25'52	15° 1	20°34	8°15	5°46	12°36	1°26	1°46	28° 8	28°27	6°20	7°30	17°48	n.a.	T 12
F 13	20 45 42	9°24'37	26°58	21°43	9°29	6°23	12°46	1°29	1°49	28° 9	28°27	6° 8	7°27	17°54	n.a.	F 13
S 14	20 49 38	10°23'24	8♌52	22°58	10°42	7° 1	12°56	1°31	1°51	28°11	28°28	5°58	7°24	18° 1	n.a.	S 14
S 15	20 53 35	11°22'13	20°42	24°19	11°55	7°38	13° 6	1°34	1°54	28°13	28°29	5°48	7°21	18° 8	n.a.	S 15
M16	20 57 31	12°21'04	2♍31	25°45	13° 8	8°16	13°16	1°37	1°57	28°15	28°29	5°41	7°17	18°15	n.a.	M16
T 17	21 1 28	13°19'57	14°21	27°15	14°21	8°53	13°25	1°40	1°59	28°16	28°30	5°36	7°14	18°21	n.a.	T 17
W18	21 5 24	14°18'52	26°14	28°50	15°34	9°31	13°35	1°43	2° 2	28°18	28°30	5°34	7°11	18°28	n.a.	W18
T 19	21 9 21	15°17'50	8♎14	0♌27	16°48	10° 8	13°44	1°46	2° 5	28°20	28°31	5°D33	7° 8	18°35	n.a.	T 19
F 20	21 13 18	16°16'49	20°24	2° 7	18° 1	10°45	13°54	1°49	2° 8	28°21	28°31	5°34	7° 5	18°41	n.a.	F 20
S 21	21 17 14	17°15'50	2♏49	3°50	19°14	11°23	14° 3	1°52	2°11	28°23	28°32	5°35	7° 1	18°48	n.a.	S 21
S 22	21 21 11	18°14'53	15°34	5°34	20°27	12° 0	14°12	1°56	2°14	28°25	28°32	5°R36	6°58	18°55	n.a.	S 22
M23	21 25 7	19°13'58	28°43	7°19	21°40	12°37	14°21	1°59	2°17	28°26	28°32	5°36	6°55	19° 1	n.a.	M23
T 24	21 29 4	20°13'05	12♐18	9° 6	22°53	13°15	14°30	2° 3	2°20	28°28	28°33	5°34	6°52	19° 8	n.a.	T 24
W25	21 33 0	21°12'14	26°23	10°53	24° 6	13°52	14°38	2° 6	2°23	28°29	28°33	5°30	6°49	19°15	n.a.	W25
T 26	21 36 57	22°11'24	10♑55	12°41	25°18	14°29	14°47	2°10	2°26	28°31	28°33	5°24	6°46	19°21	n.a.	T 26
F 27	21 40 53	23°10'37	25°51	14°29	26°31	15° 6	14°55	2°14	2°29	28°32	28°34	5°18	6°42	19°28	n.a.	F 27
S 28	21 44 50	24° 9'52	11♒ 3	16°17	27°44	15°43	15° 4	2°18	2°32	28°34	28°34	5°12	6°39	19°35	n.a.	S 28
S 29	21 48 47	25° 9'09	26°20	18° 5	28°57	16°20	15°12	2°22	2°35	28°35	28°34	5° 6	6°36	19°42	n.a.	S 29
M30	21 52 43	26° 8'27	11♓33	19°52	0♎10	16°57	15°20	2°26	2°38	28°36	28°35	5° 2	6°33	19°48	n.a.	M30
T 31	21 56 40	27♌ 7'49	26♓31	21♌40	1♎23	17♋34	15♊28	2♏30	2♎42	28♊38	28♉35	5♈ 1	6♈30	19♌55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20n57	19s16	3s49	20n 1	2s44	14n35	1n11	24n43	0n54	22n14	0s10	10s 9	2n 1	0n 2	0n38	23n24	0s24	16n26	3s46	2n51	3n15	19n57			n.a.
M 2	20 45	13 8	2 49	20 21	2 26	14 8	1 10	24 44	0 55	22 16	0 10	10 10	2 0	0 1	0 38	23 24	0 24	16 26	3 46	2 48	3 14	19 55			n.a.
T 3	20 33	6 22	1 39	20 42	2 8	13 41	1 8	24 44	0 55	22 18	0 10	10 10	2 0	0 0	0 38	23 24	0 24	16 27	3 46	2 47	3 13	19 52			n.a.
W 4	20 20	0n34	0 24	21 1	1 49	13 13	1 6	24 45	0 56	22 19	0 10	10 11	2 0	0s 1	0 38	23 24	0 24	16 27	3 46	2 47	3 12	19 50			n.a.
T 5	20 7	7 16	0n50	21 19	1 31	12 45	1 4	24 45	0 56	22 21	0 9	10 12	2 0	0 1	0 38	23 24	0 24	16 27	3 46	2 47	3 10	19 47			n.a.
F 6	19 54	13 26	1 59	21 36	1 13	12 17	1 2	24 45	0 57	22 23	0 9	10 13	1 59	0 2	0 38	23 24	0 24	16 27	3 46	2 47	3 9	19 44			n.a.
S 7	19 40	18 50	3 0	21 51	0 55	11 49	1 0	24 45	0 57	22 24	0 9	10 14	1 59	0 3	0 37	23 24	0 24	16 27	3 46	2 47	3 8	19 42			n.a.
S 8	19 26	23 14	3 50	22 5	0 37	11 20	0 58	24 45	0 58	22 26	0 9	10 15	1 59	0 4	0 37	23 24	0 24	16 27	3 46	2 46	3 6	19 39			n.a.
M 9	19 12	26 28	4 28	22 16	0 21	10 51	0 56	24 44	0 58	22 27	0 9	10 16	1 59	0 5	0 37	23 24	0 24	16 27	3 46	2 44	3 5	19 36			n.a.
T 10	18 57	28 21	4 53	22 26	0 5	10 21	0 54	24 43	0 59	22 29	0 9	10 17	1 58	0 7	0 37	23 24	0 24	16 28	3 46	2 41	3 4	19 34			n.a.
W11	18 42	28 51	5 3	22 33	0n10	9 52	0 51	24 42	0 59	22 30	0 9	10 18	1 58	0 8	0 37	23 24	0 24	16 28	3 46	2 37	3 3	19 31			n.a.
T 12	18 27	27 56	5 1	22 37	0 24	9 22	0 49	24 41	1 0	22 32	0 9	10 19	1 58	0 9	0 37	23 25	0 24	16 28	3 46	2 33	3 1	19 28			n.a.
F 13	18 11	25 45	4 44	22 39	0 37	8 52	0 47	24 40	1 0	22 33	0 9	10 20	1 58	0 10	0 37	23 25	0 24	16 28	3 46	2 29	3 0	19 26			n.a.
S 14	17 55	22 26	4 16	22 39	0 49	8 21	0 44	24 39	1 1	22 34	0 9	10 21	1 58	0 11	0 37	23 25	0 24	16 28	3 46	2 24	2 59	19 23			n.a.
S 15	17 39	18 14	3 37	22 35	1 0	7 51	0 42	24 37	1 1	22 36	0 9	10 23	1 57	0 12	0 37	23 25	0 24	16 28	3 46	2 21	2 58	19 20			n.a.
M16	17 22	13 21	2 48	22 29	1 10	7 20	0 39	24 35	1 2	22 37	0 8	10 24	1 57	0 13	0 37	23 25	0 24	16 28	3 46	2 18	2 56	19 18			n.a.
T 17	17 5	7 58	1 52	22 20	1 19	6 49	0 37	24 33	1 2	22 38	0 8	10 25	1 57	0 14	0 37	23 25	0 24	16 28	3 46	2 16	2 55	19 15			n.a.
W18	16 48	2 17	0 50	22 8	1 26	6 18	0 34	24 31	1 3	22 40	0 8	10 26	1 57	0 15	0 37	23 25	0 24	16 28	3 46	2 15	2 54	19 12			n.a.
T 19	16 30	3s32	0s14	21 53	1 33	5 46	0 31	24 29	1 3	22 41	0 8	10 28	1 56	0 17	0 37	23 25	0 24	16 28	3 46	2 14	2 52	19 10			n.a.
F 20	16 13	9 19	1 19	21 36	1 38	5 15	0 28	24 26	1 4	22 42	0 8	10 29	1 56	0 18	0 37	23 25	0 24	16 28	3 46	2 15	2 51	19 7			n.a.
S 21	15 54	14 52	2 22	21 16	1 43	4 43	0 26	24 24	1 4	22 43	0 8	10 30	1 56	0 19	0 37	23 25	0 24	16 29	3 46	2 15	2 50	19 4			n.a.
S 22	15 36	19 56	3 19	20 54	1 46	4 12	0 23	24 21	1 5	22 44	0 8	10 32	1 56	0 20	0 37	23 25	0 24	16 29	3 46	2 16	2 49	19 2			n.a.
M23	15 18	24 13	4 8	20 29	1 49	3 40	0 20	24 18	1 6	22 46	0 8	10 33	1 55	0 21	0 37	23 25	0 24	16 29	3 46	2 15	2 47	18 59			n.a.
T 24	14 59	27 20	4 44	20 3	1 51	3 8	0 17	24 15	1 6	22 47	0 8	10 35	1 55	0 23	0 37	23 25	0 24	16 29	3 46	2 15	2 46	18 56			n.a.
W25	14 40	28 51	5 5	19 34	1 52	2 36	0 14	24 11	1 7	22 48	0 8	10 36	1 55	0 24	0 37	23 25	0 24	16 29	3 46	2 13	2 45	18 53			n.a.
T 26	14 20	28 29	5 8	19 4	1 53	2 4	0 11	24 8	1 7	22 49	0 7	10 38	1 55	0 25	0 37	23 25	0 24	16 29	3 46	2 11	2 43	18 51			n.a.
F 27	14 1	26 3	4 50	18 32	1 52	1 32	0 8	24 4	1 8	22 50	0 7	10 39	1 55	0 26	0 37	23 25	0 24	16 29	3 46	2 8	2 42	18 48			n.a.
S 28	13 41	21 45	4 11	17 59	1 51	0 59	0 5	24 0	1 8	22 51	0 7	10 41	1 54	0 28	0 37	23 25	0 24	16 29	3 46	2 6	2 41	18 45			n.a.
S 29	13 21	15 59	3 14	17 24	1 50	0 27	0 2	23 56	1 9	22 52	0 7	10 42	1 54	0 29	0 37	23 25	0 24	16 29	3 46	2 4	2 40	18 42			n.a.
M30	13 0	9 15	2 4	16 47	1 48	0s 5	0s 1	23 52	1 9	22 53	0 7	10 44	1 54	0 30	0 37	23 25	0 24	16 29	3 46	2 2	2 38	18 40			n.a.
T 31	12n40	2s 6	0s46	16n10	1n45	0s37	0s 4	23n48	1n10	22n54	0s 7	10s45	1n54	0s32	0n37	23n25	0s24	16n29	3s46	2n 1	2n37	18n37			n.a.

Julian Day Number = 1338853.5, Delta T = 07h17m36s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'06, Lahiri = -18°25'06 Julian Calendar 1 Aug. 1048 BCE == Greg. Calendar 22 July 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

SEPTEMBER 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 0 36	28♌ 7'12	11♈ 8	23♌27	2♎35	18♋11	15♊35	2♏34	2♎45	28♊39	28♉35	5°D 1	6♈26	20♌ 2	n.a.	W 1
T 2	22 4 33	29° 6'38	25°17	25°13	3°48	18°48	15°43	2°38	2°48	28°40	28°35	5♈ 2	6°23	20° 8	n.a.	T 2
F 3	22 8 29	0♍ 6'06	8♉59	26°59	5° 1	19°25	15°51	2°43	2°51	28°42	28°35	5° 3	6°20	20°15	n.a.	F 3
S 4	22 12 26	1° 5'37	22°15	28°44	6°13	20° 2	15°58	2°47	2°55	28°43	28°35	5° 4	6°17	20°22	n.a.	S 4
S 5	22 16 22	2° 5'10	5♊ 8	0♍28	7°26	20°39	16° 5	2°51	2°58	28°44	28°36	5°R 5	6°14	20°28	n.a.	S 5
M 6	22 20 19	3° 4'46	17°41	2°12	8°38	21°16	16°12	2°56	3° 1	28°45	28°36	5° 4	6°11	20°35	n.a.	M 6
T 7	22 24 15	4° 4'24	29°58	3°55	9°51	21°53	16°19	3° 1	3° 5	28°46	28°36	5° 1	6° 7	20°42	n.a.	T 7
W 8	22 28 12	5° 4'05	12♋ 3	5°38	11° 4	22°30	16°26	3° 5	3° 8	28°48	28°36	4°57	6° 4	20°48	n.a.	W 8
T 9	22 32 9	6° 3'48	24° 0	7°19	12°16	23° 7	16°33	3°10	3°12	28°49	28°R36	4°52	6° 1	20°55	n.a.	T 9
F 10	22 36 5	7° 3'33	5♌52	9° 0	13°28	23°44	16°39	3°15	3°15	28°50	28°36	4°47	5°58	21° 2	n.a.	F 10
S 11	22 40 2	8° 3'21	17°42	10°41	14°41	24°20	16°46	3°20	3°19	28°51	28°36	4°42	5°55	21° 8	n.a.	S 11
S 12	22 43 58	9° 3'10	29°32	12°21	15°53	24°57	16°52	3°25	3°22	28°52	28°36	4°38	5°52	21°15	n.a.	S 12
M13	22 47 55	10° 3'02	11♍24	14° 0	17° 6	25°34	16°58	3°30	3°26	28°53	28°35	4°35	5°48	21°22	n.a.	M13
T 14	22 51 51	11° 2'56	23°19	15°38	18°18	26°10	17° 4	3°35	3°29	28°54	28°35	4°33	5°45	21°29	n.a.	T 14
W15	22 55 48	12° 2'52	5♎21	17°16	19°30	26°47	17° 9	3°40	3°33	28°55	28°35	4°D33	5°42	21°35	n.a.	W15
T 16	22 59 44	13° 2'50	17°30	18°54	20°42	27°24	17°15	3°45	3°36	28°56	28°35	4°33	5°39	21°42	n.a.	T 16
F 17	23 3 41	14° 2'49	29°49	20°30	21°55	28° 0	17°20	3°50	3°40	28°56	28°35	4°35	5°36	21°49	n.a.	F 17
S 18	23 7 38	15° 2'51	12♏22	22° 7	23° 7	28°37	17°26	3°56	3°44	28°57	28°35	4°36	5°32	21°55	n.a.	S 18
S 19	23 11 34	16° 2'55	25°11	23°42	24°19	29°13	17°31	4° 1	3°47	28°58	28°34	4°38	5°29	22° 2	n.a.	S 19
M20	23 15 31	17° 3'00	8♐18	25°17	25°31	29°50	17°36	4° 7	3°51	28°59	28°34	4°38	5°26	22° 9	n.a.	M20
T 21	23 19 27	18° 3'07	21°48	26°52	26°43	0♌26	17°40	4°12	3°54	29° 0	28°34	4°R39	5°23	22°15	n.a.	T 21
W22	23 23 24	19° 3'16	5♑40	28°26	27°55	1° 3	17°45	4°18	3°58	29° 0	28°34	4°38	5°20	22°22	n.a.	W22
T 23	23 27 20	20° 3'26	19°56	29°59	29° 7	1°39	17°49	4°23	4° 2	29° 1	28°33	4°37	5°17	22°29	n.a.	T 23
F 24	23 31 17	21° 3'38	4♒33	1♎32	0♏19	2°15	17°53	4°29	4° 6	29° 2	28°33	4°35	5°13	22°35	n.a.	F 24
S 25	23 35 13	22° 3'52	19°27	3° 5	1°31	2°51	17°57	4°35	4° 9	29° 2	28°33	4°33	5°10	22°42	n.a.	S 25
S 26	23 39 10	23° 4'07	4♓30	4°37	2°42	3°28	18° 1	4°40	4°13	29° 3	28°32	4°32	5° 7	22°49	n.a.	S 26
M27	23 43 6	24° 4'25	19°33	6° 9	3°54	4° 4	18° 5	4°46	4°17	29° 3	28°32	4°31	5° 4	22°55	n.a.	M27
T 28	23 47 3	25° 4'44	4♈29	7°40	5° 6	4°40	18° 8	4°52	4°20	29° 4	28°31	4°D31	5° 1	23° 2	n.a.	T 28
W29	23 51 0	26° 5'04	19° 8	9°11	6°17	5°16	18°12	4°58	4°24	29° 4	28°31	4°31	4°58	23° 9	n.a.	W29
T 30	23 54 56	27♍ 5'27	3♉25	10♎41	7♏29	5♌52	18♊15	5♏ 4	4♎28	29♊ 5	28♉30	4♈32	4♈54	23♌15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n19	4n59	0n33	15n32	1n42	1s10	0s 8	23n43	1n10	22n55	0s 7	10s47	1n53	0s33	0n37	23n25	0s24	16n29	3s46	2n 1	2n36	18n34		n.a.
T 2	11 58	11 37	1 48	14 52	1 39	1 42	0 11	23 39	1 11	22 56	0 7	10 49	1 53	0 34	0 37	23 25	0 24	16 29	3 47	2 2	2 35	18 31		n.a.
F 3	11 37	17 28	2 55	14 12	1 35	2 14	0 14	23 34	1 11	22 57	0 7	10 50	1 53	0 36	0 37	23 25	0 24	16 29	3 47	2 2	2 33	18 29		n.a.
S 4	11 16	22 19	3 50	13 32	1 31	2 46	0 17	23 29	1 12	22 58	0 7	10 52	1 53	0 37	0 37	23 25	0 24	16 29	3 47	2 3	2 32	18 26		n.a.
S 5	10 54	25 56	4 31	12 50	1 27	3 18	0 21	23 24	1 12	22 59	0 6	10 54	1 53	0 38	0 37	23 25	0 24	16 29	3 47	2 3	2 31	18 23		n.a.
M 6	10 32	28 11	4 58	12 8	1 22	3 51	0 24	23 18	1 13	22 59	0 6	10 56	1 52	0 40	0 37	23 25	0 24	16 29	3 47	2 2	2 29	18 20		n.a.
T 7	10 10	29 1	5 11	11 25	1 17	4 23	0 27	23 13	1 13	23 0	0 6	10 57	1 52	0 41	0 37	23 25	0 24	16 29	3 47	2 1	2 28	18 18		n.a.
W 8	9 48	28 25	5 10	10 42	1 12	4 55	0 30	23 7	1 14	23 1	0 6	10 59	1 52	0 43	0 37	23 25	0 24	16 29	3 47	2 0	2 27	18 15		n.a.
T 9	9 26	26 30	4 55	9 59	1 7	5 26	0 34	23 2	1 14	23 2	0 6	11 1	1 52	0 44	0 37	23 25	0 24	16 29	3 47	1 58	2 26	18 12		n.a.
F 10	9 3	23 26	4 28	9 15	1 1	5 58	0 37	22 56	1 15	23 3	0 6	11 3	1 52	0 45	0 37	23 25	0 24	16 29	3 47	1 56	2 24	18 9		n.a.
S 11	8 41	19 24	3 49	8 32	0 55	6 30	0 40	22 50	1 15	23 3	0 6	11 5	1 51	0 47	0 37	23 25	0 24	16 29	3 47	1 54	2 23	18 6		n.a.
S 12	8 18	14 38	3 1	7 47	0 49	7 1	0 44	22 44	1 16	23 4	0 6	11 7	1 51	0 48	0 37	23 25	0 24	16 29	3 47	1 52	2 22	18 4		n.a.
M13	7 55	9 18	2 4	7 3	0 43	7 32	0 47	22 37	1 16	23 5	0 6	11 9	1 51	0 50	0 37	23 25	0 24	16 29	3 47	1 51	2 21	18 1		n.a.
T 14	7 32	3 38	1 1	6 19	0 37	8 4	0 50	22 31	1 17	23 6	0 5	11 10	1 51	0 51	0 36	23 25	0 24	16 29	3 47	1 50	2 19	17 58		n.a.
W15	7 9	2s13	0s 4	5 34	0 31	8 35	0 54	22 24	1 17	23 6	0 5	11 12	1 51	0 53	0 36	23 25	0 24	16 29	3 47	1 50	2 18	17 55		n.a.
T 16	6 46	8 4	1 11	4 50	0 24	9 5	0 57	22 17	1 18	23 7	0 5	11 14	1 50	0 54	0 36	23 25	0 24	16 28	3 47	1 50	2 17	17 52		n.a.
F 17	6 22	13 41	2 15	4 5	0 18	9 36	1 0	22 10	1 18	23 7	0 5	11 16	1 50	0 55	0 36	23 25	0 24	16 28	3 47	1 51	2 15	17 50		n.a.
S 18	5 59	18 52	3 14	3 21	0 11	10 6	1 4	22 3	1 19	23 8	0 5	11 18	1 50	0 57	0 36	23 25	0 24	16 28	3 47	1 51	2 14	17 47		n.a.
S 19	5 35	23 19	4 4	2 37	0 5	10 36	1 7	21 56	1 20	23 9	0 5	11 20	1 50	0 58	0 36	23 25	0 24	16 28	3 47	1 52	2 13	17 44		n.a.
M20	5 12	26 42	4 44	1 52	0s 2	11 6	1 10	21 49	1 20	23 9	0 5	11 22	1 50	1 0	0 36	23 25	0 24	16 28	3 47	1 52	2 12	17 41		n.a.
T 21	4 48	28 42	5 8	1 8	0 9	11 36	1 13	21 41	1 21	23 10	0 5	11 24	1 50	1 1	0 36	23 25	0 24	16 28	3 47	1 52	2 10	17 38		n.a.
W22	4 24	28 58	5 16	0 24	0 15	12 5	1 17	21 34	1 21	23 10	0 5	11 26	1 49	1 3	0 36	23 25	0 24	16 28	3 47	1 52	2 9	17 35		n.a.
T 23	4 0	27 20	5 5	0s20	0 22	12 35	1 20	21 26	1 22	23 11	0 4	11 28	1 49	1 4	0 36	23 25	0 24	16 28	3 47	1 52	2 8	17 33		n.a.
F 24	3 36	23 52	4 34	1 4	0 29	13 3	1 23	21 18	1 22	23 11	0 4	11 31	1 49	1 6	0 36	23 25	0 24	16 28	3 47	1 51	2 6	17 30		n.a.
S 25	3 12	18 46	3 45	1 47	0 35	13 32	1 26	21 10	1 23	23 12	0 4	11 33	1 49	1 7	0 36	23 25	0 24	16 28	3 47	1 50	2 5	17 27		n.a.
S 26	2 48	12 28	2 39	2 30	0 42	14 0	1 29	21 2	1 23	23 12	0 4	11 35	1 49	1 9	0 36	23 25	0 24	16 28	3 47	1 50	2 4	17 24		n.a.
M27	2 23	5 27	1 22	3 13	0 49	14 28	1 33	20 54	1 24	23 13	0 4	11 37	1 49	1 10	0 36	23 25	0 24	16 27	3 47	1 49	2 3	17 21		n.a.
T 28	1 59	1n48	0 0	3 56	0 55	14 56	1 36	20 46	1 24	23 13	0 4	11 39	1 48	1 12	0 36	23 25	0 24	16 27	3 47	1 49	2 1	17 18		n.a.
W29	1 35	8 51	1n20	4 38	1 1	15 23	1 39	20 37	1 25	23 14	0 4	11 41	1 48	1 13	0 36	23 25	0 24	16 27	3 47	1 49	2 0	17 15		n.a.
T 30	1n10	15n15	2n34	5s20	1s 8	15s50	1s42	20n29	1n25	23n14	0s 4	11s43	1n48	1s15	0n36	23n25	0s24	16n27	3s47	1n50	1n59	17n12		n.a.

Julian Day Number = 1338884.5, Delta T = 07h17m34s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°32'02, Lahiri = -18°25'01 Julian Calendar 1 Sept. 1048 BCE == Greg. Calendar 22 Aug. 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

OCTOBER 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 58 53	28♍ 5'52	17♉16	12♎11	8♏40	6♑28	18♊18	5♏10	4♎32	29♊ 5	28°R30	4♈32	4♈51	23♑22	n.a.	F 1
S 2	0 2 49	29° 6'19	0♊41	13°41	9°52	7° 5	18°21	5°16	4°35	29° 5	28♉29	4°33	4°48	23°29	n.a.	S 2
S 3	0 6 46	0♎ 6'48	13°40	15°10	11° 3	7°41	18°23	5°22	4°39	29° 6	28°29	4°33	4°45	23°35	n.a.	S 3
M 4	0 10 42	1° 7'20	26°18	16°39	12°14	8°16	18°25	5°28	4°43	29° 6	28°28	4°R34	4°42	23°42	n.a.	M 4
T 5	0 14 39	2° 7'53	8♋36	18° 7	13°25	8°52	18°28	5°35	4°47	29° 6	28°28	4°34	4°38	23°49	n.a.	T 5
W 6	0 18 35	3° 8'28	20°41	19°35	14°36	9°28	18°30	5°41	4°50	29° 6	28°27	4°33	4°35	23°55	n.a.	W 6
T 7	0 22 32	4° 9'05	2♑36	21° 2	15°48	10° 4	18°31	5°47	4°54	29° 7	28°26	4°D33	4°32	24° 2	n.a.	T 7
F 8	0 26 29	5° 9'44	14°26	22°28	16°59	10°40	18°33	5°53	4°58	29° 7	28°26	4°33	4°29	24° 9	n.a.	F 8
S 9	0 30 25	6°10'25	26°15	23°54	18°10	11°16	18°34	6° 0	5° 2	29° 7	28°25	4°34	4°26	24°16	n.a.	S 9
S 10	0 34 22	7°11'07	8♍ 6	25°19	19°20	11°51	18°36	6° 6	5° 5	29° 7	28°24	4°34	4°23	24°22	n.a.	S 10
M11	0 38 18	8°11'51	20° 3	26°44	20°31	12°27	18°37	6°13	5° 9	29° 7	28°24	4°34	4°19	24°29	n.a.	M11
T 12	0 42 15	9°12'37	2♎ 8	28° 7	21°42	13° 3	18°37	6°19	5°13	29°R 7	28°23	4°R34	4°16	24°36	n.a.	T 12
W13	0 46 11	10°13'24	14°22	29°30	22°53	13°38	18°38	6°26	5°17	29° 7	28°22	4°34	4°13	24°42	n.a.	W13
T 14	0 50 8	11°14'13	26°47	0♏52	24° 3	14°14	18°38	6°32	5°20	29° 7	28°21	4°34	4°10	24°49	n.a.	T 14
F 15	0 54 4	12°15'03	9♏24	2°12	25°14	14°49	18°39	6°39	5°24	29° 7	28°21	4°33	4° 7	24°56	n.a.	F 15
S 16	0 58 1	13°15'54	22°14	3°32	26°24	15°25	18°R39	6°45	5°28	29° 7	28°20	4°32	4° 3	25° 2	n.a.	S 16
S 17	1 1 58	14°16'47	5♐17	4°49	27°34	16° 0	18°38	6°52	5°32	29° 7	28°19	4°31	4° 0	25° 9	n.a.	S 17
M18	1 5 54	15°17'41	18°35	6° 6	28°44	16°36	18°38	6°59	5°35	29° 6	28°18	4°29	3°57	25°16	n.a.	M18
T 19	1 9 51	16°18'36	2♑ 8	7°20	29°54	17°11	18°37	7° 5	5°39	29° 6	28°17	4°28	3°54	25°22	n.a.	T 19
W20	1 13 47	17°19'32	15°56	8°32	1♐ 4	17°46	18°37	7°12	5°43	29° 6	28°16	4°D28	3°51	25°29	n.a.	W20
T 21	1 17 44	18°20'29	29°59	9°41	2°14	18°21	18°36	7°19	5°47	29° 6	28°15	4°28	3°48	25°36	n.a.	T 21
F 22	1 21 40	19°21'27	14♒16	10°47	3°24	18°56	18°35	7°26	5°50	29° 5	28°15	4°29	3°44	25°42	n.a.	F 22
S 23	1 25 37	20°22'26	28°44	11°51	4°34	19°32	18°33	7°32	5°54	29° 5	28°14	4°30	3°41	25°49	n.a.	S 23
S 24	1 29 33	21°23'25	13♓21	12°50	5°43	20° 7	18°32	7°39	5°58	29° 4	28°13	4°31	3°38	25°56	n.a.	S 24
M25	1 33 30	22°24'26	28° 0	13°45	6°53	20°42	18°30	7°46	6° 1	29° 4	28°12	4°R32	3°35	26° 2	n.a.	M25
T 26	1 37 27	23°25'27	12♈35	14°35	8° 2	21°16	18°28	7°53	6° 5	29° 4	28°11	4°32	3°32	26° 9	n.a.	T 26
W27	1 41 23	24°26'29	27° 1	15°20	9°11	21°51	18°26	8° 0	6° 8	29° 3	28°10	4°31	3°29	26°16	n.a.	W27
T 28	1 45 20	25°27'33	11♉12	15°58	10°20	22°26	18°23	8° 7	6°12	29° 3	28° 9	4°29	3°25	26°22	n.a.	T 28
F 29	1 49 16	26°28'38	25° 3	16°29	11°29	23° 1	18°21	8°14	6°16	29° 2	28° 8	4°26	3°22	26°29	n.a.	F 29
S 30	1 53 13	27°29'43	8♊31	16°53	12°38	23°36	18°18	8°21	6°19	29° 1	28° 7	4°22	3°19	26°36	n.a.	S 30
S 31	1 57 9	28♎30'50	21♊35	17♏ 7	13♐46	24♑10	18♊15	8♏27	6♎23	29♊ 1	28♉ 6	4♈19	3♈16	26♑42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n46	20n42	3n36	6s 2	1s14	16s16	1s45	20n20	1n26	23n14	0s 3	11s45	1n48	1s16	0n36	23n25	0s24	16n27	3s47	1n50	1n57	17n10		n.a.
S 2	0 22	24 55	4 24	6 43	1 20	16 42	1 48	20 11	1 26	23 15	0 3	11 48	1 48	1 18	0 36	23 25	0 24	16 27	3 47	1 50	1 56	17 7		n.a.
S 3	0s 3	27 43	4 57	7 23	1 26	17 8	1 51	20 3	1 27	23 15	0 3	11 50	1 48	1 19	0 36	23 25	0 24	16 27	3 47	1 50	1 55	17 4		n.a.
M 4	0 27	29 0	5 14	8 3	1 32	17 33	1 53	19 54	1 27	23 15	0 3	11 52	1 48	1 21	0 36	23 25	0 24	16 26	3 47	1 50	1 54	17 1		n.a.
T 5	0 52	28 48	5 17	8 43	1 38	17 58	1 56	19 44	1 28	23 16	0 3	11 54	1 47	1 22	0 36	23 25	0 24	16 26	3 47	1 50	1 52	16 58		n.a.
W 6	1 16	27 13	5 5	9 22	1 43	18 22	1 59	19 35	1 28	23 16	0 3	11 57	1 47	1 24	0 36	23 25	0 24	16 26	3 48	1 50	1 51	16 55		n.a.
T 7	1 41	24 26	4 40	10 0	1 49	18 46	2 2	19 26	1 29	23 16	0 3	11 59	1 47	1 25	0 36	23 25	0 24	16 26	3 48	1 50	1 50	16 52		n.a.
F 8	2 5	20 39	4 4	10 38	1 54	19 9	2 4	19 16	1 30	23 17	0 3	12 1	1 47	1 27	0 36	23 25	0 24	16 26	3 48	1 50	1 49	16 49		n.a.
S 9	2 29	16 3	3 17	11 15	1 59	19 32	2 7	19 7	1 30	23 17	0 2	12 3	1 47	1 29	0 36	23 25	0 24	16 26	3 48	1 50	1 47	16 46		n.a.
S 10	2 54	10 51	2 22	11 51	2 3	19 55	2 9	18 57	1 31	23 17	0 2	12 6	1 47	1 30	0 36	23 25	0 24	16 26	3 48	1 51	1 46	16 43		n.a.
M11	3 18	5 13	1 20	12 27	2 8	20 17	2 12	18 48	1 31	23 17	0 2	12 8	1 47	1 32	0 36	23 25	0 24	16 25	3 48	1 51	1 45	16 41		n.a.
T 12	3 42	0s39	0 14	13 2	2 12	20 38	2 14	18 38	1 32	23 18	0 2	12 10	1 47	1 33	0 36	23 25	0 24	16 25	3 48	1 51	1 43	16 38		n.a.
W13	4 7	6 35	0s54	13 35	2 16	20 59	2 16	18 28	1 32	23 18	0 2	12 12	1 46	1 35	0 36	23 25	0 24	16 25	3 48	1 51	1 42	16 35		n.a.
T 14	4 31	12 21	2 0	14 8	2 19	21 19	2 19	18 18	1 33	23 18	0 2	12 15	1 46	1 36	0 36	23 25	0 24	16 25	3 48	1 50	1 41	16 32		n.a.
F 15	4 55	17 43	3 1	14 39	2 22	21 39	2 21	18 8	1 33	23 18	0 2	12 17	1 46	1 38	0 36	23 25	0 24	16 25	3 48	1 50	1 40	16 29		n.a.
S 16	5 19	22 23	3 55	15 10	2 25	21 58	2 23	17 58	1 34	23 18	0 2	12 19	1 46	1 39	0 36	23 25	0 24	16 24	3 48	1 50	1 38	16 26		n.a.
S 17	5 43	26 3	4 37	15 39	2 27	22 17	2 25	17 48	1 34	23 18	0 1	12 22	1 46	1 41	0 36	23 25	0 24	16 24	3 48	1 49	1 37	16 23		n.a.
M18	6 7	28 23	5 5	16 6	2 29	22 35	2 27	17 37	1 35	23 18	0 1	12 24	1 46	1 42	0 36	23 25	0 24	16 24	3 48	1 49	1 36	16 20		n.a.
T 19	6 31	29 5	5 16	16 32	2 30	22 52	2 29	17 27	1 35	23 18	0 1	12 26	1 46	1 44	0 36	23 25	0 24	16 24	3 48	1 48	1 34	16 17		n.a.
W20	6 55	27 59	5 10	16 57	2 31	23 9	2 30	17 16	1 36	23 19	0 1	12 28	1 46	1 45	0 36	23 25	0 24	16 24	3 48	1 48	1 33	16 14		n.a.
T 21	7 18	25 8	4 46	17 20	2 31	23 25	2 32	17 6	1 37	23 19	0 1	12 31	1 46	1 47	0 36	23 25	0 24	16 23	3 48	1 48	1 32	16 11		n.a.
F 22	7 42	20 41	4 4	17 41	2 30	23 41	2 34	16 55	1 37	23 19	0 1	12 33	1 45	1 48	0 36	23 25	0 24	16 23	3 48	1 49	1 31	16 8		n.a.
S 23	8 5	14 59	3 5	17 59	2 29	23 56	2 35	16 45	1 38	23 19	0 1	12 35	1 45	1 50	0 36	23 25	0 24	16 23	3 48	1 49	1 29	16 5		n.a.
S 24	8 28	8 24	1 55	18 16	2 27	24 10	2 36	16 34	1 38	23 19	0 0	12 38	1 45	1 51	0 36	23 25	0 24	16 23	3 48	1 50	1 28	16 2		n.a.
M25	8 51	1 22	0 36	18 30	2 23	24 24	2 38	16 23	1 39	23 19	0 0	12 40	1 45	1 53	0 36	23 25	0 24	16 23	3 48	1 50	1 27	15 59		n.a.
T 26	9 14	5n44	0n44	18 41	2 19	24 37	2 39	16 12	1 39	23 19	0 0	12 42	1 45	1 54	0 36	23 25	0 24	16 22	3 48	1 50	1 25	15 56		n.a.
W27	9 37	12 27	2 1	18 49	2 14	24 49	2 40	16 1	1 40	23 19	0 0	12 45	1 45	1 55	0 36	23 25	0 24	16 22	3 48	1 49	1 24	15 53		n.a.
T 28	10 0	18 25	3 9	18 55	2 7	25 0	2 41	15 50	1 40	23 18	0n 0	12 47	1 45	1 57	0 36	23 25	0 24	16 22	3 48	1 48	1 23	15 50		n.a.
F 29	10 22	23 16	4 3	18 56	2 0	25 11	2 42	15 39	1 41	23 18	0 0	12 49	1 45	1 58	0 36	23 25	0 24	16 22	3 48	1 47	1 22	15 47		n.a.
S 30	10 45	26 44	4 43	18 54	1 50	25 21	2 43	15 28	1 42	23 18	0 0	12 52	1 45	2 0	0 36	23 25	0 24	16 22	3 48	1 46	1 20	15 44		n.a.
S 31	11s 7	28n39	5n 7	18s49	1s40	25s31	2s43	15n17	1n42	23n18	0n 1	12s54	1n45	2s 1	0n36	23n25	0s24	16n21	3s48	1n44	1n19	15n41		n.a.

Julian Day Number = 1338914.5, Delta T = 07h17m33s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'58, Lahiri = -18°24'57 Julian Calendar 1 Oct. 1048 BCE == Greg. Calendar 21 Sept. 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

NOVEMBER 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 1 6	29♎31'58	4♋17	17°R12	14♐54	24♌45	18°R12	8♏34	6♎26	29°R 0	28°R 5	4°R15	3♈13	26♌49	n.a.	M 1
T 2	2 5 2	0♏33'07	16°39	17♏ 6	16° 3	25°19	18♊ 9	8°41	6°30	28♊59	28♉ 4	4♈13	3° 9	26°56	n.a.	T 2
W 3	2 8 59	1°34'17	28°46	16°50	17°11	25°54	18° 5	8°48	6°33	28°59	28° 3	4°D12	3° 6	27° 2	n.a.	W 3
T 4	2 12 56	2°35'29	10♌42	16°22	18°19	26°28	18° 1	8°55	6°37	28°58	28° 1	4°13	3° 3	27° 9	n.a.	T 4
F 5	2 16 52	3°36'41	22°32	15°43	19°26	27° 2	17°57	9° 2	6°40	28°57	28° 0	4°14	3° 0	27°16	n.a.	F 5
S 6	2 20 49	4°37'54	4♍21	14°52	20°34	27°37	17°53	9° 9	6°44	28°56	27°59	4°16	2°57	27°22	n.a.	S 6
S 7	2 24 45	5°39'08	16°14	13°52	21°41	28°11	17°49	9°16	6°47	28°56	27°58	4°18	2°54	27°29	n.a.	S 7
M 8	2 28 42	6°40'22	28°15	12°42	22°49	28°45	17°45	9°23	6°51	28°55	27°57	4°R19	2°50	27°36	n.a.	M 8
T 9	2 32 38	7°41'38	10♎28	11°26	23°56	29°19	17°40	9°30	6°54	28°54	27°56	4°19	2°47	27°42	n.a.	T 9
W10	2 36 35	8°42'54	22°55	10° 5	25° 2	29°53	17°35	9°37	6°57	28°53	27°55	4°17	2°44	27°49	n.a.	W10
T 11	2 40 31	9°44'10	5♏38	8°42	26° 9	0♍27	17°30	9°44	7° 1	28°52	27°53	4°14	2°41	27°56	n.a.	T 11
F 12	2 44 28	10°45'27	18°37	7°20	27°15	1° 1	17°25	9°51	7° 4	28°51	27°52	4° 9	2°38	28° 2	n.a.	F 12
S 13	2 48 25	11°46'45	1♐51	6° 2	28°22	1°34	17°20	9°58	7° 7	28°50	27°51	4° 2	2°35	28° 9	n.a.	S 13
S 14	2 52 21	12°48'03	15°20	4°50	29°28	2° 8	17°15	10° 5	7°11	28°49	27°50	3°55	2°31	28°16	n.a.	S 14
M15	2 56 18	13°49'21	29° 0	3°47	0♑33	2°42	17° 9	10°12	7°14	28°48	27°49	3°49	2°28	28°22	n.a.	M15
T 16	3 0 14	14°50'39	12♑50	2°52	1°39	3°15	17° 3	10°20	7°17	28°47	27°48	3°43	2°25	28°29	n.a.	T 16
W17	3 4 11	15°51'57	26°47	2° 8	2°44	3°49	16°57	10°27	7°20	28°46	27°46	3°40	2°22	28°36	n.a.	W17
T 18	3 8 7	16°53'16	10♒50	1°35	3°49	4°22	16°51	10°34	7°23	28°44	27°45	3°D38	2°19	28°42	n.a.	T 18
F 19	3 12 4	17°54'33	24°56	1°12	4°53	4°55	16°45	10°40	7°26	28°43	27°44	3°38	2°15	28°49	n.a.	F 19
S 20	3 16 1	18°55'51	9♓ 6	1° 0	5°58	5°28	16°39	10°47	7°29	28°42	27°43	3°39	2°12	28°56	n.a.	S 20
S 21	3 19 57	19°57'08	23°16	0°D57	7° 2	6° 1	16°32	10°54	7°32	28°41	27°41	3°40	2° 9	29° 3	n.a.	S 21
M22	3 23 54	20°58'25	7♈27	1° 4	8° 5	6°34	16°26	11° 1	7°35	28°40	27°40	3°R41	2° 6	29° 9	n.a.	M22
T 23	3 27 50	21°59'42	21°34	1°19	9° 9	7° 7	16°19	11° 8	7°38	28°38	27°39	3°39	2° 3	29°16	n.a.	T 23
W24	3 31 47	23° 0'59	5♉34	1°42	10°12	7°40	16°12	11°15	7°41	28°37	27°38	3°35	2° 0	29°23	n.a.	W24
T 25	3 35 43	24° 2'15	19°24	2°12	11°15	8°13	16° 5	11°22	7°44	28°36	27°37	3°29	1°56	29°29	n.a.	T 25
F 26	3 39 40	25° 3'32	3♊ 1	2°49	12°17	8°45	15°58	11°29	7°47	28°34	27°35	3°21	1°53	29°36	n.a.	F 26
S 27	3 43 37	26° 4'48	16°20	3°31	13°19	9°18	15°51	11°36	7°50	28°33	27°34	3°11	1°50	29°43	n.a.	S 27
S 28	3 47 33	27° 6'05	29°20	4°18	14°20	9°50	15°44	11°43	7°53	28°32	27°33	3° 1	1°47	29°49	n.a.	S 28
M29	3 51 30	28° 7'21	12♋ 2	5°10	15°22	10°22	15°37	11°50	7°56	28°30	27°32	2°52	1°44	29°56	n.a.	M29
T 30	3 55 26	29♏ 8'37	24♋25	6♏ 5	16♑22	10♍55	15♊29	11♏56	7♎58	28♊29	27♉30	2♈44	1♈41	0♍ 3	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s29	28n59	5n14	18s38	1s28	25s40	2s44	15n 5	1n43	23n18	0n 1	12s56	1n45	2s 3	0n36	23n25	0s24	16n21	3s48	1n43	1n18	15n38		n.a.
T 2	11 51	27 50	5 7	18 24	1 14	25 48	2 44	14 54	1 43	23 18	0 1	12 59	1 44	2 4	0 36	23 25	0 24	16 21	3 48	1 42	1 16	15 35		n.a.
W 3	12 12	25 24	4 46	18 5	0 59	25 55	2 44	14 43	1 44	23 18	0 1	13 1	1 44	2 5	0 36	23 25	0 24	16 21	3 48	1 42	1 15	15 32		n.a.
T 4	12 34	21 53	4 13	17 40	0 42	26 2	2 45	14 31	1 44	23 18	0 1	13 3	1 44	2 7	0 36	23 25	0 24	16 20	3 48	1 42	1 14	15 29		n.a.
F 5	12 55	17 31	3 29	17 12	0 24	26 8	2 45	14 20	1 45	23 17	0 1	13 6	1 44	2 8	0 36	23 25	0 24	16 20	3 48	1 42	1 13	15 26		n.a.
S 6	13 16	12 30	2 37	16 38	0 5	26 13	2 45	14 8	1 45	23 17	0 1	13 8	1 44	2 10	0 36	23 25	0 24	16 20	3 48	1 43	1 11	15 23		n.a.
S 7	13 37	7 1	1 37	16 1	0n15	26 17	2 44	13 57	1 46	23 17	0 2	13 10	1 44	2 11	0 36	23 25	0 24	16 20	3 48	1 44	1 10	15 20		n.a.
M 8	13 58	1 13	0 33	15 20	0 35	26 21	2 44	13 45	1 47	23 17	0 2	13 13	1 44	2 12	0 36	23 25	0 24	16 20	3 47	1 44	1 9	15 17		n.a.
T 9	14 18	4s43	0s34	14 37	0 56	26 24	2 44	13 34	1 47	23 16	0 2	13 15	1 44	2 14	0 36	23 25	0 24	16 19	3 47	1 44	1 8	15 14		n.a.
W10	14 38	10 35	1 40	13 53	1 15	26 27	2 43	13 22	1 48	23 16	0 2	13 17	1 44	2 15	0 36	23 25	0 24	16 19	3 47	1 44	1 6	15 11		n.a.
T 11	14 58	16 9	2 42	13 8	1 34	26 28	2 42	13 10	1 48	23 16	0 2	13 19	1 44	2 16	0 36	23 25	0 24	16 19	3 47	1 42	1 5	15 8		n.a.
F 12	15 17	21 7	3 38	12 25	1 52	26 29	2 41	12 59	1 49	23 15	0 2	13 22	1 44	2 18	0 36	23 25	0 24	16 19	3 47	1 40	1 4	15 5		n.a.
S 13	15 37	25 9	4 23	11 44	2 8	26 29	2 40	12 47	1 49	23 15	0 3	13 24	1 44	2 19	0 36	23 25	0 24	16 18	3 47	1 38	1 2	15 2		n.a.
S 14	15 56	27 52	4 54	11 7	2 22	26 29	2 39	12 35	1 50	23 15	0 3	13 26	1 44	2 20	0 36	23 25	0 24	16 18	3 47	1 35	1 1	14 59		n.a.
M15	16 14	28 58	5 9	10 35	2 33	26 27	2 38	12 23	1 51	23 14	0 3	13 28	1 44	2 21	0 36	23 25	0 24	16 18	3 47	1 32	1 0	14 56		n.a.
T 16	16 33	28 16	5 6	10 7	2 42	26 25	2 37	12 12	1 51	23 14	0 3	13 31	1 44	2 23	0 36	23 25	0 24	16 18	3 47	1 30	0 59	14 53		n.a.
W17	16 51	25 47	4 45	9 46	2 49	26 23	2 35	12 0	1 52	23 13	0 3	13 33	1 44	2 24	0 36	23 25	0 24	16 17	3 47	1 29	0 57	14 50		n.a.
T 18	17 9	21 45	4 7	9 29	2 54	26 19	2 33	11 48	1 52	23 13	0 3	13 35	1 44	2 25	0 36	23 25	0 24	16 17	3 47	1 28	0 56	14 47		n.a.
F 19	17 26	16 27	3 14	9 19	2 57	26 15	2 31	11 36	1 53	23 13	0 3	13 37	1 44	2 26	0 36	23 25	0 24	16 17	3 47	1 28	0 55	14 44		n.a.
S 20	17 44	10 16	2 9	9 13	2 58	26 10	2 29	11 24	1 53	23 12	0 4	13 40	1 44	2 28	0 36	23 25	0 24	16 17	3 47	1 28	0 53	14 40		n.a.
S 21	18 1	3 34	0 56	9 13	2 58	26 5	2 27	11 13	1 54	23 12	0 4	13 42	1 44	2 29	0 36	23 25	0 24	16 17	3 47	1 29	0 52	14 37		n.a.
M22	18 17	3n19	0n20	9 17	2 56	25 59	2 25	11 1	1 55	23 11	0 4	13 44	1 44	2 30	0 36	23 25	0 24	16 16	3 47	1 29	0 51	14 34		n.a.
T 23	18 33	10 0	1 35	9 25	2 54	25 52	2 22	10 49	1 55	23 10	0 4	13 46	1 44	2 31	0 37	23 25	0 24	16 16	3 47	1 29	0 50	14 31		n.a.
W24	18 49	16 9	2 43	9 36	2 50	25 44	2 19	10 37	1 56	23 10	0 4	13 48	1 44	2 32	0 37	23 25	0 24	16 16	3 47	1 27	0 48	14 28		n.a.
T 25	19 5	21 23	3 41	9 51	2 45	25 36	2 17	10 25	1 56	23 9	0 4	13 51	1 44	2 34	0 37	23 25	0 24	16 16	3 47	1 24	0 47	14 25		n.a.
F 26	19 20	25 25	4 24	10 9	2 40	25 28	2 14	10 13	1 57	23 9	0 5	13 53	1 43	2 35	0 37	23 25	0 24	16 15	3 47	1 21	0 46	14 22		n.a.
S 27	19 35	27 57	4 53	10 29	2 34	25 18	2 10	10 1	1 58	23 8	0 5	13 55	1 43	2 36	0 37	23 25	0 24	16 15	3 47	1 17	0 44	14 19		n.a.
S 28	19 49	28 54	5 5	10 51	2 27	25 8	2 7	9 49	1 58	23 8	0 5	13 57	1 43	2 37	0 37	23 25	0 24	16 15	3 47	1 13	0 43	14 16		n.a.
M29	20 4	28 16	5 2	11 15	2 20	24 58	2 3	9 37	1 59	23 7	0 5	13 59	1 43	2 38	0 37	23 25	0 24	16 15	3 47	1 9	0 42	14 13		n.a.
T 30	20s17	26n14	4n44	11s40	2n13	24s47	2s 0	9n25	1n59	23n 6	0n 5	14s 1	1n43	2s39	0n37	23n25	0s24	16n14	3s47	1n 6	0n41	14n10		n.a.

Julian Day Number = 1338945.5, Delta T = 07h17m31s
Ecliptic obliquity = 23°49'21, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'54, Lahiri = -18°24'53 Julian Calendar 1 Nov. 1048 BCE == Greg. Calendar 22 Oct. 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1048 BCE
geocentric

DECEMBER 1048 BCE (-1047) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 59 23	0♐ 9'53	6♌33	7♏ 4	17♉23	11♍27	15°R22	12♏ 3	8♎ 1	28°R27	27°R29	2°R39	1♈37	0♍ 9	n.a.	W 1
T 2	4 3 19	1°11'09	18°29	8° 7	18°23	11°59	15♊14	12°10	8° 4	28♊26	27♉28	2♈36	1°34	0°16	n.a.	T 2
F 3	4 7 16	2°12'24	0♍19	9°12	19°22	12°31	15° 7	12°17	8° 6	28°25	27°27	2°D35	1°31	0°23	n.a.	F 3
S 4	4 11 12	3°13'40	12° 8	10°20	20°21	13° 2	14°59	12°24	8° 9	28°23	27°25	2°35	1°28	0°29	n.a.	S 4
S 5	4 15 9	4°14'55	24° 1	11°29	21°19	13°34	14°51	12°30	8°11	28°22	27°24	2°36	1°25	0°36	n.a.	S 5
M 6	4 19 6	5°16'10	6♎ 3	12°42	22°17	14° 5	14°43	12°37	8°14	28°20	27°23	2°R36	1°21	0°43	n.a.	M 6
T 7	4 23 2	6°17'24	18°20	13°55	23°15	14°37	14°35	12°44	8°16	28°19	27°22	2°35	1°18	0°49	n.a.	T 7
W 8	4 26 59	7°18'38	0♏55	15°11	24°12	15° 8	14°27	12°50	8°19	28°17	27°20	2°31	1°15	0°56	n.a.	W 8
T 9	4 30 55	8°19'52	13°51	16°28	25° 8	15°39	14°19	12°57	8°21	28°15	27°19	2°25	1°12	1° 3	n.a.	T 9
F 10	4 34 52	9°21'05	27° 9	17°46	26° 4	16°10	14°11	13° 3	8°23	28°14	27°18	2°16	1° 9	1° 9	n.a.	F 10
S 11	4 38 48	10°22'18	10♐47	19° 6	26°59	16°41	14° 3	13°10	8°25	28°12	27°17	2° 5	1° 6	1°16	n.a.	S 11
S 12	4 42 45	11°23'30	24°43	20°27	27°53	17°12	13°55	13°16	8°28	28°11	27°16	1°53	1° 2	1°23	n.a.	S 12
M13	4 46 42	12°24'41	8♑52	21°49	28°47	17°42	13°47	13°23	8°30	28° 9	27°14	1°41	0°59	1°29	n.a.	M13
T 14	4 50 38	13°25'51	23° 9	23°12	29°40	18°13	13°39	13°29	8°32	28° 7	27°13	1°31	0°56	1°36	n.a.	T 14
W15	4 54 35	14°27'00	7♒28	24°36	0♒32	18°43	13°31	13°36	8°34	28° 6	27°12	1°24	0°53	1°43	n.a.	W15
T 16	4 58 31	15°28'08	21°45	26° 1	1°24	19°13	13°23	13°42	8°36	28° 4	27°11	1°19	0°50	1°49	n.a.	T 16
F 17	5 2 28	16°29'14	5♓57	27°26	2°15	19°43	13°15	13°48	8°38	28° 3	27°10	1°17	0°47	1°56	n.a.	F 17
S 18	5 6 24	17°30'19	20° 2	28°53	3° 5	20°13	13° 7	13°54	8°40	28° 1	27° 9	1°D17	0°43	2° 3	n.a.	S 18
S 19	5 10 21	18°31'23	3♈59	0♐20	3°54	20°43	12°59	14° 1	8°42	27°59	27° 7	1°R17	0°40	2° 9	n.a.	S 19
M20	5 14 17	19°32'25	17°49	1°48	4°42	21°12	12°51	14° 7	8°44	27°58	27° 6	1°16	0°37	2°16	n.a.	M20
T 21	5 18 14	20°33'26	1♉31	3°17	5°29	21°42	12°43	14°13	8°45	27°56	27° 5	1°13	0°34	2°23	n.a.	T 21
W22	5 22 11	21°34'26	15° 4	4°46	6°16	22°11	12°35	14°19	8°47	27°54	27° 4	1° 7	0°31	2°29	n.a.	W22
T 23	5 26 7	22°35'24	28°28	6°17	7° 1	22°40	12°27	14°25	8°49	27°53	27° 3	0°58	0°27	2°36	n.a.	T 23
F 24	5 30 4	23°36'21	11♊42	7°48	7°46	23° 9	12°19	14°31	8°50	27°51	27° 2	0°47	0°24	2°42	n.a.	F 24
S 25	5 34 0	24°37'17	24°42	9°19	8°29	23°37	12°12	14°37	8°52	27°49	27° 1	0°33	0°21	2°49	n.a.	S 25
S 26	5 37 57	25°38'11	7♋29	10°52	9°11	24° 6	12° 4	14°43	8°54	27°48	27° 0	0°19	0°18	2°56	n.a.	S 26
M27	5 41 53	26°39'05	20° 1	12°25	9°52	24°34	11°56	14°49	8°55	27°46	26°59	0° 6	0°15	3° 2	n.a.	M27
T 28	5 45 50	27°39'57	2♌19	13°59	10°32	25° 2	11°49	14°54	8°57	27°44	26°58	29♓54	0°12	3° 9	n.a.	T 28
W29	5 49 47	28°40'48	14°24	15°33	11°10	25°30	11°42	15° 0	8°58	27°42	26°57	29°45	0° 8	3°16	n.a.	W29
T 30	5 53 43	29°41'37	26°20	17° 9	11°47	25°58	11°34	15° 6	8°59	27°41	26°56	29°39	0° 5	3°22	n.a.	T 30
F 31	5 57 40	0♑42'25	8♍ 9	18♐45	12♒23	26♍26	11♊27	15♏12	9♎ 0	27♊39	26♉55	29♓36	0♈ 2	3♍29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	20s31	23n 2	4n14	12s 7	2n 5	24s35	1s56	9n14	2n 0	23n 6	0n 5	14s 3	1n43	2s40	0n37	23n25	0s24	16n14	3s47	1n 4	0n39	14n 6		n.a.	W 1
T 2	20 44	18 54	3 33	12 35	1 58	24 23	1 52	9 2	2 0	23 5	0 6	14 6	1 43	2 41	0 37	23 25	0 24	16 14	3 46	1 3	0 38	14 3		n.a.	T 2
F 3	20 56	14 5	2 44	13 4	1 50	24 10	1 48	8 50	2 1	23 4	0 6	14 8	1 43	2 42	0 37	23 25	0 24	16 14	3 46	1 2	0 37	14 0		n.a.	F 3
S 4	21 8	8 46	1 47	13 33	1 42	23 57	1 43	8 38	2 2	23 3	0 6	14 10	1 43	2 43	0 37	23 25	0 24	16 14	3 46	1 3	0 35	13 57		n.a.	S 4
S 5	21 20	3 7	0 46	14 2	1 33	23 43	1 38	8 26	2 2	23 3	0 6	14 12	1 43	2 44	0 37	23 25	0 24	16 13	3 46	1 3	0 34	13 54		n.a.	S 5
M 6	21 31	2s43	0s18	14 33	1 25	23 29	1 34	8 14	2 3	23 2	0 6	14 14	1 43	2 45	0 37	23 25	0 24	16 13	3 46	1 3	0 33	13 51		n.a.	M 6
T 7	21 42	8 34	1 23	15 3	1 17	23 14	1 29	8 3	2 3	23 1	0 6	14 16	1 43	2 46	0 37	23 25	0 24	16 13	3 46	1 2	0 32	13 48		n.a.	T 7
W 8	21 53	14 14	2 25	15 33	1 9	22 59	1 23	7 51	2 4	23 0	0 6	14 18	1 43	2 47	0 37	23 25	0 24	16 13	3 46	1 1	0 30	13 45		n.a.	W 8
T 9	22 3	19 26	3 21	16 4	1 1	22 44	1 18	7 39	2 5	23 0	0 7	14 20	1 44	2 48	0 37	23 25	0 24	16 13	3 46	0 58	0 29	13 41		n.a.	T 9
F 10	22 12	23 51	4 8	16 34	0 52	22 28	1 13	7 28	2 5	22 59	0 7	14 22	1 44	2 49	0 37	23 25	0 24	16 12	3 46	0 55	0 28	13 38		n.a.	F 10
S 11	22 22	27 4	4 41	17 4	0 44	22 11	1 7	7 16	2 6	22 58	0 7	14 24	1 44	2 50	0 37	23 25	0 24	16 12	3 46	0 50	0 26	13 35		n.a.	S 11
S 12	22 30	28 42	4 59	17 34	0 36	21 54	1 1	7 4	2 6	22 57	0 7	14 26	1 44	2 51	0 37	23 25	0 24	16 12	3 46	0 46	0 25	13 32		n.a.	S 12
M13	22 39	28 30	4 59	18 3	0 28	21 37	0 55	6 53	2 7	22 56	0 7	14 28	1 44	2 51	0 37	23 25	0 24	16 12	3 46	0 41	0 24	13 29		n.a.	M13
T 14	22 47	26 24	4 41	18 32	0 20	21 20	0 48	6 41	2 8	22 56	0 7	14 30	1 44	2 52	0 37	23 25	0 24	16 12	3 46	0 37	0 23	13 26		n.a.	T 14
W15	22 54	22 38	4 5	19 1	0 13	21 2	0 42	6 30	2 8	22 55	0 8	14 31	1 44	2 53	0 37	23 25	0 24	16 11	3 46	0 34	0 21	13 23		n.a.	W15
T 16	23 1	17 31	3 13	19 29	0 5	20 44	0 35	6 18	2 9	22 54	0 8	14 33	1 44	2 54	0 37	23 25	0 24	16 11	3 45	0 32	0 20	13 19		n.a.	T 16
F 17	23 7	11 29	2 10	19 57	0s 3	20 25	0 28	6 7	2 10	22 53	0 8	14 35	1 44	2 55	0 37	23 25	0 24	16 11	3 45	0 31	0 19	13 16		n.a.	F 17
S 18	23 13	4 55	0 59	20 23	0 10	20 7	0 20	5 55	2 10	22 52	0 8	14 37	1 44	2 55	0 37	23 25	0 24	16 11	3 45	0 31	0 17	13 13		n.a.	S 18
S 19	23 19	1n50	0n14	20 50	0 17	19 48	0 13	5 44	2 11	22 51	0 8	14 39	1 44	2 56	0 37	23 25	0 24	16 11	3 45	0 31	0 16	13 10		n.a.	S 19
M20	23 24	8 25	1 26	21 15	0 24	19 29	0 5	5 33	2 11	22 50	0 8	14 41	1 44	2 57	0 37	23 25	0 24	16 10	3 45	0 31	0 15	13 7		n.a.	M20
T 21	23 29	14 34	2 33	21 39	0 31	19 9	0n 3	5 22	2 12	22 49	0 8	14 43	1 44	2 58	0 37	23 25	0 24	16 10	3 45	0 30	0 14	13 4		n.a.	T 21
W22	23 33	19 57	3 29	22 3	0 38	18 50	0 11	5 10	2 13	22 49	0 9	14 44	1 44	2 58	0 37	23 25	0 24	16 10	3 45	0 27	0 12	13 0		n.a.	W22
T 23	23 37	24 15	4 14	22 26	0 44	18 30	0 19	4 59	2 13	22 48	0 9	14 46	1 44	2 59	0 37	23 25	0 24	16 10	3 45	0 24	0 11	12 57		n.a.	T 23
F 24	23 40	27 14	4 44	22 48	0 51	18 11	0 28	4 48	2 14	22 47	0 9	14 48	1 44	2 59	0 37	23 25	0 24	16 10	3 45	0 19	0 10	12 54		n.a.	F 24
S 25	23 43	28 41	4 58	23 8	0 57	17 51	0 36	4 37	2 14	22 46	0 9	14 49	1 44	3 0	0 37	23 25	0 24	16 10	3 45	0 13	0 9	12 51		n.a.	S 25
S 26	23 45	28 33	4 57	23 28	1 3	17 31	0 45	4 26	2 15	22 45	0 9	14 51	1 44	3 1	0 37	23 25	0 24	16 10	3 44	0 8	0 7	12 48		n.a.	S 26
M27	23 47	26 57	4 42	23 47	1 9	17 11	0 55	4 16	2 16	22 44	0 9	14 53	1 44	3 1	0 37	23 25	0 24	16 9	3 44	0 2	0 6	12 45		n.a.	M27
T 28	23 48	24 4	4 14	24 4	1 14	16 51	1 4	4 5	2 16	22 43	0 9	14 55	1 44	3 2	0 37	23 25	0 24	16 9	3 44	0s 2	0 5	12 41		n.a.	T 28
W29	23 49	20 11	3 35	24 20	1 19	16 31	1 14	3 54	2 17	22 42	0 10	14 56	1 44	3 2	0 37	23 24	0 24	16 9	3 44	0 6	0 3	12 38		n.a.	W29
T 30	23 49	15 32	2 46	24 35	1 24	16 11	1 24	3 43	2 17	22 42	0 10	14 58	1 44	3 3	0 37	23 24	0 24	16 9	3 44	0 8	0 2	12 35		n.a.	T 30
F 31	23s49	10n21	1n51	24s49	1s29	15s51	1n34	3n33	2n18	22n41	0n10	14s59	1n44	3s 3	0n37	23n24	0s24	16n 9	3s44	0s10	0n 1	12n32		n.a.	F 31

Julian Day Number = 1338975.5, Delta T = 07h17m29s
Ecliptic obliquity = 23°49'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'50, Lahiri = -18°24'49 Julian Calendar 1 Dec. 1048 BCE == Greg. Calendar 21 Nov. 1048 BCE

The year -1047 astronomical counting style corresponds to year 1048 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

JANUARY 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 36	1♉43'12	19♍56	20♐22	12♒58	26♍53	11°R20	15♏17	9♎ 2	27°R37	26°R54	29°R35	29♓59	3♍36	n.a.	S 1
S 2	6 5 33	2°43'58	1♎48	21°59	13°31	27°20	11♊13	15°23	9° 3	27♊36	26♉53	29♓35	29°56	3°42	n.a.	S 2
M 3	6 9 29	3°44'43	13°49	23°38	14° 2	27°47	11° 6	15°28	9° 4	27°34	26°52	29°34	29°52	3°49	n.a.	M 3
T 4	6 13 26	4°45'26	26° 5	25°17	14°32	28°14	10°59	15°33	9° 5	27°32	26°51	29°33	29°49	3°56	n.a.	T 4
W 5	6 17 22	5°46'08	8♏40	26°57	15° 0	28°40	10°52	15°39	9° 6	27°31	26°50	29°29	29°46	4° 2	n.a.	W 5
T 6	6 21 19	6°46'49	21°40	28°38	15°26	29° 6	10°46	15°44	9° 7	27°29	26°49	29°23	29°43	4° 9	n.a.	T 6
F 7	6 25 16	7°47'28	5♐ 7	0♉19	15°51	29°32	10°39	15°49	9° 8	27°27	26°48	29°14	29°40	4°16	n.a.	F 7
S 8	6 29 12	8°48'06	18°59	2° 2	16°14	29°58	10°33	15°54	9° 9	27°26	26°47	29° 3	29°37	4°22	n.a.	S 8
S 9	6 33 9	9°48'43	3♉15	3°45	16°35	0♎24	10°26	15°59	9°10	27°24	26°46	28°51	29°33	4°29	n.a.	S 9
M10	6 37 5	10°49'17	17°48	5°30	16°54	0°49	10°20	16° 4	9°10	27°22	26°45	28°39	29°30	4°36	n.a.	M10
T 11	6 41 2	11°49'50	2♒32	7°15	17°11	1°14	10°14	16° 9	9°11	27°21	26°44	28°29	29°27	4°42	n.a.	T 11
W12	6 44 58	12°50'21	17°18	9° 1	17°26	1°38	10° 9	16°14	9°12	27°19	26°44	28°21	29°24	4°49	n.a.	W12
T 13	6 48 55	13°50'50	1♓59	10°48	17°39	2° 3	10° 3	16°19	9°12	27°18	26°43	28°16	29°21	4°56	n.a.	T 13
F 14	6 52 51	14°51'17	16°29	12°36	17°50	2°27	9°58	16°24	9°13	27°16	26°42	28°13	29°18	5° 2	n.a.	F 14
S 15	6 56 48	15°51'42	0♈44	14°25	17°58	2°51	9°52	16°28	9°13	27°14	26°41	28°D13	29°14	5° 9	n.a.	S 15
S 16	7 0 45	16°52'04	14°43	16°15	18° 4	3°14	9°47	16°33	9°13	27°13	26°41	28°R13	29°11	5°16	n.a.	S 16
M17	7 4 41	17°52'25	28°27	18° 5	18° 8	3°38	9°42	16°38	9°14	27°11	26°40	28°13	29° 8	5°22	n.a.	M17
T 18	7 8 38	18°52'43	11♉56	19°57	18°R 9	4° 1	9°37	16°42	9°14	27°10	26°39	28°11	29° 5	5°29	n.a.	T 18
W19	7 12 34	19°52'59	25°11	21°49	18° 7	4°23	9°32	16°46	9°14	27° 8	26°38	28° 6	29° 2	5°36	n.a.	W19
T 20	7 16 31	20°53'13	8♊14	23°42	18° 4	4°46	9°28	16°51	9°15	27° 7	26°38	27°58	28°59	5°42	n.a.	T 20
F 21	7 20 27	21°53'25	21° 5	25°36	17°57	5° 8	9°24	16°55	9°15	27° 5	26°37	27°48	28°55	5°49	n.a.	F 21
S 22	7 24 24	22°53'35	3♋45	27°30	17°48	5°29	9°19	16°59	9°15	27° 4	26°37	27°37	28°52	5°56	n.a.	S 22
S 23	7 28 20	23°53'43	16°14	29°25	17°37	5°51	9°16	17° 3	9°R15	27° 2	26°36	27°25	28°49	6° 2	n.a.	S 23
M24	7 32 17	24°53'48	28°32	1♒20	17°23	6°12	9°12	17° 7	9°15	27° 1	26°35	27°13	28°46	6° 9	n.a.	M24
T 25	7 36 14	25°53'52	10♌40	3°15	17° 6	6°33	9° 8	17°11	9°15	26°59	26°35	27° 3	28°43	6°16	n.a.	T 25
W26	7 40 10	26°53'54	22°39	5°11	16°47	6°53	9° 5	17°15	9°14	26°58	26°34	26°55	28°39	6°22	n.a.	W26
T 27	7 44 7	27°53'53	4♍31	7° 6	16°26	7°13	9° 1	17°19	9°14	26°56	26°34	26°50	28°36	6°29	n.a.	T 27
F 28	7 48 3	28°53'51	16°19	9° 1	16° 2	7°32	8°58	17°22	9°14	26°55	26°33	26°47	28°33	6°36	n.a.	F 28
S 29	7 52 0	29°53'47	28° 6	10°55	15°36	7°52	8°55	17°26	9°14	26°54	26°33	26°D47	28°30	6°42	n.a.	S 29
S 30	7 55 56	0♒53'41	9♎57	12°47	15° 8	8°10	8°53	17°29	9°13	26°52	26°32	26°47	28°27	6°49	n.a.	S 30
M31	7 59 53	1♒53'33	21♎56	14♒39	14♒39	8♎29	8♊50	17♏33	9♎13	26♊51	26♉32	26♓48	28♓24	6♍56	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	4n49	0n51	25s 1	1s33	15s32	1n44	3n22	2n19	22n40	0n10	15s 1	1n44	3s 4	0n37	23n24	0s24	16n 9	3s44	0s10	0s 0	12n29		n.a.
S 2	23 48	0s54	0s12	25 12	1 37	15 12	1 55	3 12	2 19	22 39	0 10	15 3	1 45	3 4	0 37	23 24	0 24	16 9	3 44	0 10	0 2	12 25		n.a.
M 3	23 46	6 41	1 15	25 21	1 41	14 53	2 6	3 2	2 20	22 38	0 10	15 4	1 45	3 5	0 37	23 24	0 24	16 9	3 44	0 10	0 3	12 22		n.a.
T 4	23 44	12 19	2 15	25 29	1 45	14 33	2 17	2 51	2 20	22 37	0 10	15 6	1 45	3 5	0 38	23 24	0 24	16 8	3 44	0 11	0 4	12 19		n.a.
W 5	23 42	17 38	3 11	25 35	1 48	14 14	2 28	2 41	2 21	22 36	0 11	15 7	1 45	3 5	0 38	23 24	0 24	16 8	3 43	0 12	0 6	12 16		n.a.
T 6	23 39	22 18	3 59	25 40	1 51	13 55	2 40	2 31	2 22	22 36	0 11	15 9	1 45	3 6	0 38	23 24	0 24	16 8	3 43	0 15	0 7	12 13		n.a.
F 7	23 35	26 0	4 35	25 43	1 53	13 37	2 51	2 21	2 22	22 35	0 11	15 10	1 45	3 6	0 38	23 24	0 24	16 8	3 43	0 19	0 8	12 9		n.a.
S 8	23 31	28 16	4 56	25 44	1 56	13 19	3 3	2 11	2 23	22 34	0 11	15 11	1 45	3 6	0 38	23 24	0 23	16 8	3 43	0 23	0 9	12 6		n.a.
S 9	23 27	28 47	5 0	25 43	1 57	13 1	3 15	2 2	2 23	22 33	0 11	15 13	1 45	3 7	0 38	23 24	0 23	16 8	3 43	0 28	0 11	12 3		n.a.
M10	23 22	27 19	4 44	25 41	1 59	12 44	3 27	1 52	2 24	22 32	0 11	15 14	1 45	3 7	0 38	23 24	0 23	16 8	3 43	0 33	0 12	12 0		n.a.
T 11	23 17	23 57	4 10	25 37	2 0	12 27	3 40	1 43	2 25	22 32	0 11	15 16	1 45	3 7	0 38	23 24	0 23	16 8	3 43	0 37	0 13	11 56		n.a.
W12	23 11	19 2	3 19	25 31	2 0	12 10	3 52	1 33	2 25	22 31	0 12	15 17	1 45	3 7	0 38	23 24	0 23	16 8	3 43	0 40	0 15	11 53		n.a.
T 13	23 5	13 1	2 14	25 23	2 0	11 54	4 5	1 24	2 26	22 30	0 12	15 18	1 45	3 8	0 38	23 24	0 23	16 8	3 42	0 42	0 16	11 50		n.a.
F 14	22 59	6 22	1 2	25 12	2 0	11 39	4 18	1 15	2 26	22 30	0 12	15 19	1 45	3 8	0 38	23 24	0 23	16 8	3 42	0 43	0 17	11 47		n.a.
S 15	22 52	0n30	0n13	25 0	1 59	11 24	4 31	1 6	2 27	22 29	0 12	15 21	1 46	3 8	0 38	23 24	0 23	16 8	3 42	0 43	0 18	11 44		n.a.
S 16	22 44	7 13	1 26	24 46	1 58	11 9	4 44	0 57	2 28	22 28	0 12	15 22	1 46	3 8	0 38	23 24	0 23	16 7	3 42	0 43	0 20	11 40		n.a.
M17	22 36	13 28	2 33	24 30	1 56	10 56	4 57	0 48	2 28	22 28	0 12	15 23	1 46	3 8	0 38	23 24	0 23	16 7	3 42	0 43	0 21	11 37		n.a.
T 18	22 28	18 59	3 30	24 11	1 54	10 43	5 10	0 39	2 29	22 27	0 12	15 24	1 46	3 8	0 38	23 24	0 23	16 7	3 42	0 44	0 22	11 34		n.a.
W19	22 19	23 29	4 15	23 51	1 51	10 31	5 23	0 30	2 29	22 26	0 12	15 26	1 46	3 8	0 38	23 24	0 23	16 7	3 42	0 46	0 24	11 31		n.a.
T 20	22 10	26 43	4 45	23 28	1 47	10 20	5 36	0 22	2 30	22 26	0 12	15 27	1 46	3 8	0 38	23 24	0 23	16 7	3 42	0 49	0 25	11 27		n.a.
F 21	22 1	28 31	5 0	23 3	1 43	10 10	5 49	0 14	2 30	22 25	0 13	15 28	1 46	3 8	0 38	23 24	0 23	16 7	3 41	0 53	0 26	11 24		n.a.
S 22	21 51	28 47	5 1	22 36	1 38	10 0	6 2	0 5	2 31	22 25	0 13	15 29	1 46	3 8	0 38	23 24	0 23	16 7	3 41	0 58	0 27	11 21		n.a.
S 23	21 40	27 33	4 47	22 7	1 33	9 51	6 15	0s 3	2 32	22 24	0 13	15 30	1 46	3 8	0 38	23 24	0 23	16 7	3 41	1 3	0 29	11 18		n.a.
M24	21 29	25 0	4 19	21 36	1 27	9 44	6 27	0 11	2 32	22 24	0 13	15 31	1 46	3 8	0 38	23 24	0 23	16 7	3 41	1 7	0 30	11 14		n.a.
T 25	21 18	21 22	3 40	21 2	1 20	9 37	6 39	0 18	2 33	22 23	0 13	15 32	1 47	3 8	0 38	23 24	0 23	16 7	3 41	1 11	0 31	11 11		n.a.
W26	21 7	16 53	2 52	20 27	1 13	9 32	6 51	0 26	2 33	22 23	0 13	15 33	1 47	3 8	0 38	23 24	0 23	16 7	3 41	1 15	0 33	11 8		n.a.
T 27	20 55	11 49	1 56	19 50	1 5	9 27	7 2	0 34	2 34	22 22	0 13	15 34	1 47	3 8	0 38	23 24	0 23	16 7	3 41	1 17	0 34	11 4		n.a.
F 28	20 42	6 20	0 56	19 12	0 56	9 23	7 13	0 41	2 34	22 22	0 13	15 35	1 47	3 8	0 38	23 24	0 23	16 7	3 41	1 18	0 35	11 1		n.a.
S 29	20 30	0 40	0s 7	18 31	0 47	9 21	7 24	0 48	2 35	22 22	0 13	15 36	1 47	3 8	0 38	23 24	0 23	16 7	3 40	1 18	0 36	10 58		n.a.
S 30	20 17	5s 4	1 10	17 50	0 37	9 20	7 34	0 55	2 35	22 21	0 14	15 37	1 47	3 8	0 38	23 24	0 23	16 7	3 40	1 18	0 38	10 55		n.a.
M31	20s 3	10s42	2s11	17s 7	0s26	9s19	7n43	1s 2	2n36	22n21	0n14	15s38	1n47	3s 7	0n38	23n24	0s23	16n 7	3s40	1s17	0s39	10n51		n.a.

Julian Day Number = 1339006.5, Delta T = 07h17m28s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'45, Lahiri = -18°24'45 Julian Calendar 1 Jan. 1047 BCE == Greg. Calendar 22 Dec. 1048 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

FEBRUARY 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 3 49	2♒53'23	4♏10	16♒28	14°R 7	8♎47	8°R48	17♏36	9°R12	26°R50	26°R31	26°R49	28♓20	7♍ 2	n.a.	T 1
W 2	8 7 46	3°53'12	16°43	18°16	13♒34	9° 4	8♊46	17°39	9♎12	26♊48	26♉31	26♓48	28°17	7° 9	n.a.	W 2
T 3	8 11 43	4°52'58	29°40	20° 0	12°59	9°21	8°44	17°42	9°11	26°47	26°31	26°45	28°14	7°16	n.a.	T 3
F 4	8 15 39	5°52'43	13♐ 4	21°41	12°24	9°38	8°42	17°46	9°11	26°46	26°30	26°40	28°11	7°22	n.a.	F 4
S 5	8 19 36	6°52'26	26°57	23°18	11°47	9°54	8°41	17°48	9°10	26°45	26°30	26°33	28° 8	7°29	n.a.	S 5
S 6	8 23 32	7°52'08	11♑17	24°52	11°10	10°10	8°39	17°51	9° 9	26°43	26°30	26°25	28° 4	7°36	n.a.	S 6
M 7	8 27 29	8°51'47	26° 1	26°20	10°32	10°25	8°38	17°54	9° 9	26°42	26°29	26°18	28° 1	7°42	n.a.	M 7
T 8	8 31 25	9°51'24	11♒ 0	27°43	9°54	10°40	8°37	17°57	9° 8	26°41	26°29	26°11	27°58	7°49	n.a.	T 8
W 9	8 35 22	10°50'59	26° 6	29° 0	9°16	10°54	8°36	18° 0	9° 7	26°40	26°29	26° 6	27°55	7°55	n.a.	W 9
T 10	8 39 18	11°50'31	11♓ 9	0♓12	8°38	11° 8	8°36	18° 2	9° 6	26°39	26°29	26° 3	27°52	8° 2	n.a.	T 10
F 11	8 43 15	12°50'01	26° 1	1°17	8° 1	11°21	8°35	18° 5	9° 5	26°38	26°29	26°D 2	27°49	8° 9	n.a.	F 11
S 12	8 47 12	13°49'29	10♈35	2°15	7°25	11°34	8°D35	18° 7	9° 4	26°37	26°28	26° 3	27°45	8°15	n.a.	S 12
S 13	8 51 8	14°48'54	24°48	3° 5	6°50	11°46	8°35	18° 9	9° 3	26°36	26°28	26° 4	27°42	8°22	n.a.	S 13
M14	8 55 5	15°48'17	8♉39	3°49	6°16	11°57	8°35	18°11	9° 2	26°35	26°28	26° 5	27°39	8°29	n.a.	M14
T 15	8 59 1	16°47'37	22° 7	4°25	5°43	12° 8	8°36	18°13	9° 1	26°34	26°28	26°R 5	27°36	8°35	n.a.	T 15
W16	9 2 58	17°46'55	5♊17	4°53	5°12	12°19	8°36	18°15	8°59	26°33	26°28	26° 4	27°33	8°42	n.a.	W16
T 17	9 6 54	18°46'10	18° 8	5°13	4°43	12°29	8°37	18°17	8°58	26°32	26°28	26° 0	27°30	8°49	n.a.	T 17
F 18	9 10 51	19°45'23	0♋45	5°26	4°16	12°38	8°38	18°19	8°57	26°31	26°D28	25°56	27°26	8°55	n.a.	F 18
S 19	9 14 47	20°44'34	13° 9	5°R31	3°50	12°47	8°39	18°21	8°55	26°30	26°28	25°50	27°23	9° 2	n.a.	S 19
S 20	9 18 44	21°43'42	25°23	5°28	3°27	12°55	8°41	18°22	8°54	26°29	26°28	25°43	27°20	9° 9	n.a.	S 20
M21	9 22 40	22°42'48	7♌27	5°19	3° 7	13° 2	8°42	18°24	8°53	26°29	26°28	25°37	27°17	9°15	n.a.	M21
T 22	9 26 37	23°41'52	19°25	5° 2	2°48	13° 9	8°44	18°25	8°51	26°28	26°28	25°32	27°14	9°22	n.a.	T 22
W23	9 30 34	24°40'53	1♍17	4°39	2°32	13°15	8°46	18°26	8°50	26°27	26°28	25°29	27°10	9°29	n.a.	W23
T 24	9 34 30	25°39'52	13° 6	4°10	2°19	13°21	8°48	18°28	8°48	26°26	26°28	25°26	27° 7	9°35	n.a.	T 24
F 25	9 38 27	26°38'50	24°54	3°37	2° 8	13°26	8°50	18°29	8°46	26°26	26°29	25°D26	27° 4	9°42	n.a.	F 25
S 26	9 42 23	27°37'45	6♎43	2°58	1°59	13°30	8°53	18°30	8°45	26°25	26°29	25°26	27° 1	9°49	n.a.	S 26
S 27	9 46 20	28°36'38	18°36	2°16	1°53	13°33	8°55	18°31	8°43	26°25	26°29	25°27	26°58	9°55	n.a.	S 27
M28	9 50 16	29♒35'29	0♏38	1♓32	1♒50	13♎36	8♊58	18♏32	8♎41	26♊24	26♉29	25♓29	26♓55	10♍ 2	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s50	16s 2	3s 7	16s23	0s15	9s20	7n52	1s 9	2n36	22n21	0n14	15s38	1n47	3s 7	0n38	23n24	0s23	16n 7	3s40	1s17	0s40	10n48		n.a.
W 2	19 35	20 51	3 56	15 39	0 3	9 22	7 59	1 15	2 37	22 21	0 14	15 39	1 47	3 7	0 38	23 24	0 23	16 7	3 40	1 18	0 42	10 45		n.a.
T 3	19 21	24 51	4 34	14 54	0n 9	9 24	8 7	1 22	2 37	22 20	0 14	15 40	1 47	3 7	0 38	23 24	0 23	16 8	3 40	1 19	0 43	10 41		n.a.
F 4	19 6	27 40	4 59	14 9	0 22	9 28	8 13	1 28	2 37	22 20	0 14	15 41	1 48	3 6	0 38	23 24	0 23	16 8	3 40	1 21	0 44	10 38		n.a.
S 5	18 51	28 55	5 7	13 25	0 35	9 33	8 18	1 34	2 38	22 20	0 14	15 41	1 48	3 6	0 38	23 24	0 23	16 8	3 39	1 24	0 45	10 35		n.a.
S 6	18 36	28 16	4 57	12 41	0 49	9 39	8 23	1 40	2 38	22 20	0 14	15 42	1 48	3 6	0 38	23 24	0 23	16 8	3 39	1 27	0 47	10 32		n.a.
M 7	18 20	25 39	4 27	11 58	1 3	9 45	8 26	1 46	2 39	22 20	0 14	15 43	1 48	3 6	0 38	23 24	0 23	16 8	3 39	1 30	0 48	10 28		n.a.
T 8	18 4	21 15	3 39	11 16	1 16	9 53	8 29	1 51	2 39	22 20	0 14	15 43	1 48	3 5	0 38	23 24	0 23	16 8	3 39	1 33	0 49	10 25		n.a.
W 9	17 47	15 26	2 35	10 36	1 30	10 1	8 31	1 57	2 39	22 20	0 15	15 44	1 48	3 5	0 39	23 24	0 23	16 8	3 39	1 35	0 50	10 22		n.a.
T 10	17 31	8 43	1 20	9 58	1 44	10 10	8 31	2 2	2 40	22 20	0 15	15 45	1 48	3 4	0 39	23 24	0 23	16 8	3 39	1 36	0 52	10 18		n.a.
F 11	17 14	1 36	0 0	9 22	1 57	10 19	8 31	2 7	2 40	22 20	0 15	15 45	1 48	3 4	0 39	23 24	0 23	16 8	3 39	1 36	0 53	10 15		n.a.
S 12	16 57	5n27	1n18	8 49	2 11	10 29	8 30	2 11	2 41	22 20	0 15	15 46	1 49	3 4	0 39	23 24	0 23	16 8	3 38	1 36	0 54	10 12		n.a.
S 13	16 39	12 4	2 30	8 18	2 23	10 40	8 28	2 16	2 41	22 20	0 15	15 46	1 49	3 3	0 39	23 24	0 23	16 8	3 38	1 35	0 56	10 9		n.a.
M14	16 21	17 55	3 31	7 51	2 36	10 51	8 25	2 20	2 41	22 20	0 15	15 47	1 49	3 3	0 39	23 24	0 23	16 8	3 38	1 35	0 57	10 5		n.a.
T 15	16 3	22 44	4 18	7 27	2 47	11 3	8 21	2 24	2 41	22 20	0 15	15 47	1 49	3 2	0 39	23 24	0 23	16 9	3 38	1 35	0 58	10 2		n.a.
W16	15 45	26 17	4 51	7 7	2 58	11 14	8 17	2 28	2 42	22 20	0 15	15 48	1 49	3 2	0 39	23 24	0 23	16 9	3 38	1 35	0 59	9 59		n.a.
T 17	15 26	28 24	5 8	6 51	3 8	11 26	8 11	2 32	2 42	22 21	0 15	15 48	1 49	3 1	0 39	23 24	0 23	16 9	3 38	1 37	1 1	9 55		n.a.
F 18	15 8	28 59	5 10	6 38	3 16	11 39	8 5	2 35	2 42	22 21	0 15	15 48	1 49	3 1	0 39	23 24	0 23	16 9	3 38	1 39	1 2	9 52		n.a.
S 19	14 48	28 5	4 57	6 29	3 24	11 51	7 58	2 39	2 42	22 21	0 15	15 49	1 49	3 0	0 39	23 24	0 23	16 9	3 37	1 41	1 3	9 49		n.a.
S 20	14 29	25 50	4 31	6 24	3 30	12 3	7 51	2 42	2 42	22 21	0 16	15 49	1 50	2 59	0 39	23 24	0 23	16 9	3 37	1 44	1 5	9 45		n.a.
M21	14 10	22 26	3 52	6 23	3 35	12 16	7 43	2 44	2 42	22 22	0 16	15 49	1 50	2 59	0 39	23 24	0 23	16 9	3 37	1 46	1 6	9 42		n.a.
T 22	13 50	18 9	3 4	6 26	3 38	12 28	7 35	2 47	2 42	22 22	0 16	15 50	1 50	2 58	0 39	23 24	0 23	16 10	3 37	1 48	1 7	9 39		n.a.
W23	13 30	13 11	2 8	6 33	3 40	12 40	7 26	2 49	2 43	22 23	0 16	15 50	1 50	2 58	0 39	23 24	0 23	16 10	3 37	1 50	1 8	9 35		n.a.
T 24	13 10	7 46	1 7	6 44	3 40	12 52	7 16	2 52	2 43	22 23	0 16	15 50	1 50	2 57	0 39	23 24	0 23	16 10	3 37	1 50	1 10	9 32		n.a.
F 25	12 50	2 6	0 3	6 57	3 38	13 4	7 7	2 54	2 42	22 23	0 16	15 50	1 50	2 56	0 39	23 24	0 23	16 10	3 37	1 51	1 11	9 29		n.a.
S 26	12 29	3s39	1s 2	7 14	3 35	13 16	6 57	2 55	2 42	22 24	0 16	15 51	1 50	2 56	0 39	23 24	0 22	16 10	3 36	1 51	1 12	9 25		n.a.
S 27	12 9	9 19	2 4	7 34	3 30	13 27	6 46	2 57	2 42	22 24	0 16	15 51	1 50	2 55	0 39	23 24	0 22	16 10	3 36	1 50	1 14	9 22		n.a.
M28	11s48	14s43	3s 2	7s57	3n23	13s38	6n36	2s58	2n42	22n25	0n16	15s51	1n51	2s54	0n39	23n24	0s22	16n11	3s36	1s49	1s15	9n19		n.a.

Julian Day Number = 1339037.5, Delta T = 07h17m26s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'41, Lahiri = -18°24'41 Julian Calendar 1 Feb. 1047 BCE == Greg. Calendar 22 Jan. 1047 BCE

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

MARCH 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 54 13	0♓34'18	12♏53	0°R45	1°D49	13♎38	9♊ 1	18♏32	8°R40	26°R23	26♉29	25♓31	26♓51	10♍ 9	n.a.	T 1
W 2	9 58 9	1°33'06	25°25	29♒58	1♒50	13°39	9° 4	18°33	8♎38	26♊23	26°30	25°32	26°48	10°15	n.a.	W 2
T 3	10 2 6	2°31'51	8♐18	29°11	1°53	13°R40	9° 7	18°33	8°36	26°22	26°30	25°R32	26°45	10°22	n.a.	T 3
F 4	10 6 2	3°30'35	21°36	28°25	1°59	13°40	9°11	18°34	8°34	26°22	26°30	25°31	26°42	10°29	n.a.	F 4
S 5	10 9 59	4°29'17	5♑21	27°40	2° 7	13°39	9°15	18°34	8°32	26°21	26°31	25°29	26°39	10°35	n.a.	S 5
S 6	10 13 56	5°27'58	19°33	26°58	2°18	13°37	9°19	18°34	8°30	26°21	26°31	25°26	26°36	10°42	n.a.	S 6
M 7	10 17 52	6°26'36	4♒11	26°19	2°30	13°35	9°23	18°35	8°28	26°21	26°31	25°24	26°32	10°48	n.a.	M 7
T 8	10 21 49	7°25'13	19° 9	25°44	2°45	13°32	9°27	18°R35	8°26	26°20	26°32	25°21	26°29	10°55	n.a.	T 8
W 9	10 25 45	8°23'47	4♓19	25°13	3° 1	13°28	9°31	18°35	8°24	26°20	26°32	25°20	26°26	11° 2	n.a.	W 9
T 10	10 29 42	9°22'19	19°32	24°47	3°20	13°23	9°36	18°34	8°22	26°20	26°33	25°D19	26°23	11° 8	n.a.	T 10
F 11	10 33 38	10°20'50	4♈37	24°25	3°40	13°18	9°40	18°34	8°20	26°20	26°33	25°19	26°20	11°15	n.a.	F 11
S 12	10 37 35	11°19'18	19°27	24° 8	4° 2	13°11	9°45	18°34	8°18	26°19	26°34	25°20	26°16	11°22	n.a.	S 12
S 13	10 41 31	12°17'44	3♉56	23°57	4°26	13° 4	9°50	18°33	8°16	26°19	26°34	25°21	26°13	11°28	n.a.	S 13
M14	10 45 28	13°16'07	17°59	23°50	4°51	12°57	9°56	18°33	8°14	26°19	26°35	25°22	26°10	11°35	n.a.	M14
T 15	10 49 25	14°14'29	1♊37	23°D49	5°18	12°48	10° 1	18°32	8°11	26°19	26°35	25°23	26° 7	11°42	n.a.	T 15
W16	10 53 21	15°12'48	14°49	23°53	5°47	12°39	10° 6	18°31	8° 9	26°19	26°36	25°R23	26° 4	11°48	n.a.	W16
T 17	10 57 18	16°11'05	27°39	24° 1	6°17	12°29	10°12	18°31	8° 7	26°D19	26°36	25°23	26° 1	11°55	n.a.	T 17
F 18	11 1 14	17° 9'20	10♋11	24°15	6°48	12°18	10°18	18°30	8° 5	26°19	26°37	25°22	25°57	12° 2	n.a.	F 18
S 19	11 5 11	18° 7'33	22°27	24°33	7°21	12° 7	10°24	18°29	8° 2	26°19	26°38	25°21	25°54	12° 8	n.a.	S 19
S 20	11 9 7	19° 5'44	4♌31	24°56	7°56	11°54	10°30	18°27	8° 0	26°19	26°38	25°20	25°51	12°15	n.a.	S 20
M21	11 13 4	20° 3'52	16°27	25°23	8°31	11°42	10°36	18°26	7°58	26°19	26°39	25°20	25°48	12°22	n.a.	M21
T 22	11 17 0	21° 1'58	28°18	25°54	9° 8	11°28	10°43	18°25	7°55	26°19	26°40	25°19	25°45	12°28	n.a.	T 22
W23	11 20 57	22° 0'03	10♍ 6	26°30	9°46	11°14	10°49	18°24	7°53	26°19	26°40	25°19	25°42	12°35	n.a.	W23
T 24	11 24 53	22°58'05	21°54	27° 9	10°25	10°59	10°56	18°22	7°51	26°20	26°41	25°D19	25°38	12°42	n.a.	T 24
F 25	11 28 50	23°56'06	3♎44	27°52	11° 5	10°43	11° 3	18°21	7°48	26°20	26°42	25°19	25°35	12°48	n.a.	F 25
S 26	11 32 47	24°54'05	15°39	28°39	11°46	10°27	11°10	18°19	7°46	26°20	26°43	25°R19	25°32	12°55	n.a.	S 26
S 27	11 36 43	25°52'03	27°40	29°29	12°28	10°11	11°17	18°17	7°43	26°20	26°44	25°19	25°29	13° 1	n.a.	S 27
M28	11 40 40	26°49'58	9♏50	0♓22	13°12	9°54	11°24	18°15	7°41	26°21	26°44	25°18	25°26	13° 8	n.a.	M28
T 29	11 44 36	27°47'53	22°12	1°19	13°56	9°36	11°31	18°13	7°38	26°21	26°45	25°18	25°22	13°15	n.a.	T 29
W30	11 48 33	28°45'46	4♐49	2°18	14°41	9°18	11°39	18°11	7°36	26°21	26°46	25°18	25°19	13°21	n.a.	W30
T 31	11 52 29	29♓43'37	17♐44	3♓21	15♒27	8♎59	11♊46	18♏ 9	7♎33	26♊22	26♉47	25♓18	25♓16	13♍28	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s27	19s38	3s52	8s21	3n15	13s49	6n25	2s59	2n42	22n25	0n16	15s51	1n51	2s54	0n39	23n24	0s22	16n11	3s36	1s49	1s16	9n15		n.a.
W 2	11 6	23 50	4 33	8 47	3 5	13 59	6 14	3 0	2 42	22 26	0 16	15 51	1 51	2 53	0 39	23 24	0 22	16 11	3 36	1 48	1 17	9 12		n.a.
T 3	10 44	27 0	5 1	9 14	2 54	14 9	6 3	3 0	2 42	22 27	0 16	15 51	1 51	2 52	0 39	23 24	0 22	16 11	3 36	1 48	1 19	9 9		n.a.
F 4	10 23	28 47	5 15	9 42	2 41	14 19	5 52	3 0	2 41	22 27	0 17	15 51	1 51	2 51	0 39	23 24	0 22	16 11	3 36	1 49	1 20	9 5		n.a.
S 5	10 1	28 53	5 11	10 10	2 28	14 28	5 41	3 0	2 41	22 28	0 17	15 51	1 51	2 51	0 39	23 24	0 22	16 12	3 35	1 49	1 21	9 2		n.a.
S 6	9 39	27 7	4 48	10 38	2 14	14 36	5 30	3 0	2 41	22 29	0 17	15 51	1 51	2 50	0 39	23 24	0 22	16 12	3 35	1 50	1 23	8 59		n.a.
M 7	9 17	23 30	4 6	11 5	1 59	14 44	5 19	2 59	2 40	22 29	0 17	15 51	1 51	2 49	0 39	23 24	0 22	16 12	3 35	1 51	1 24	8 55		n.a.
T 8	8 55	18 16	3 7	11 32	1 43	14 52	5 8	2 59	2 40	22 30	0 17	15 51	1 51	2 48	0 39	23 24	0 22	16 12	3 35	1 52	1 25	8 52		n.a.
W 9	8 33	11 50	1 54	11 57	1 27	14 59	4 57	2 58	2 39	22 31	0 17	15 51	1 52	2 47	0 39	23 24	0 22	16 13	3 35	1 53	1 26	8 49		n.a.
T 10	8 11	4 42	0 32	12 21	1 12	15 6	4 46	2 56	2 38	22 31	0 17	15 50	1 52	2 46	0 39	23 24	0 22	16 13	3 35	1 53	1 28	8 45		n.a.
F 11	7 48	2n39	0n51	12 43	0 56	15 12	4 35	2 55	2 38	22 32	0 17	15 50	1 52	2 46	0 39	23 24	0 22	16 13	3 35	1 53	1 29	8 42		n.a.
S 12	7 26	9 44	2 10	13 4	0 40	15 17	4 24	2 53	2 37	22 33	0 17	15 50	1 52	2 45	0 39	23 24	0 22	16 13	3 34	1 53	1 30	8 38		n.a.
S 13	7 3	16 8	3 18	13 22	0 24	15 22	4 13	2 51	2 36	22 34	0 17	15 50	1 52	2 44	0 39	23 24	0 22	16 14	3 34	1 53	1 32	8 35		n.a.
M14	6 41	21 29	4 12	13 39	0 9	15 26	4 2	2 49	2 35	22 35	0 17	15 50	1 52	2 43	0 39	23 24	0 22	16 14	3 34	1 52	1 33	8 32		n.a.
T 15	6 18	25 33	4 50	13 53	0s 6	15 30	3 52	2 46	2 34	22 36	0 17	15 49	1 52	2 42	0 39	23 24	0 22	16 14	3 34	1 52	1 34	8 28		n.a.
W16	5 55	28 6	5 12	14 5	0 20	15 33	3 41	2 43	2 33	22 36	0 17	15 49	1 52	2 41	0 39	23 24	0 22	16 14	3 34	1 52	1 35	8 25		n.a.
T 17	5 32	29 5	5 17	14 15	0 34	15 36	3 31	2 40	2 32	22 37	0 17	15 49	1 53	2 40	0 39	23 24	0 22	16 15	3 34	1 52	1 37	8 22		n.a.
F 18	5 9	28 31	5 7	14 23	0 47	15 38	3 21	2 37	2 31	22 38	0 18	15 48	1 53	2 39	0 39	23 24	0 22	16 15	3 34	1 52	1 38	8 18		n.a.
S 19	4 46	26 34	4 43	14 29	0 59	15 39	3 11	2 34	2 30	22 39	0 18	15 48	1 53	2 38	0 39	23 24	0 22	16 15	3 34	1 52	1 39	8 15		n.a.
S 20	4 23	23 25	4 6	14 32	1 11	15 40	3 1	2 30	2 29	22 40	0 18	15 47	1 53	2 37	0 39	23 24	0 22	16 15	3 33	1 53	1 40	8 12		n.a.
M21	4 0	19 19	3 19	14 33	1 22	15 40	2 51	2 26	2 27	22 41	0 18	15 47	1 53	2 37	0 39	23 24	0 22	16 16	3 33	1 53	1 42	8 8		n.a.
T 22	3 37	14 30	2 25	14 32	1 33	15 40	2 41	2 22	2 26	22 42	0 18	15 47	1 53	2 36	0 39	23 24	0 22	16 16	3 33	1 53	1 43	8 5		n.a.
W23	3 13	9 11	1 24	14 29	1 43	15 39	2 32	2 18	2 24	22 43	0 18	15 46	1 53	2 35	0 39	23 24	0 22	16 16	3 33	1 54	1 44	8 1		n.a.
T 24	2 50	3 33	0 19	14 24	1 52	15 38	2 22	2 14	2 23	22 44	0 18	15 46	1 53	2 34	0 39	23 24	0 22	16 17	3 33	1 54	1 46	7 58		n.a.
F 25	2 27	2s13	0s47	14 17	2 0	15 36	2 13	2 9	2 21	22 45	0 18	15 45	1 53	2 33	0 39	23 24	0 22	16 17	3 33	1 54	1 47	7 55		n.a.
S 26	2 3	7 57	1 51	14 7	2 8	15 33	2 4	2 4	2 19	22 46	0 18	15 44	1 53	2 32	0 39	23 24	0 22	16 17	3 33	1 54	1 48	7 51		n.a.
S 27	1 40	13 27	2 50	13 56	2 15	15 29	1 55	1 59	2 18	22 47	0 18	15 44	1 54	2 31	0 39	23 24	0 22	16 18	3 32	1 54	1 49	7 48		n.a.
M28	1 17	18 31	3 43	13 43	2 21	15 25	1 47	1 54	2 16	22 49	0 18	15 43	1 54	2 30	0 39	23 25	0 22	16 18	3 32	1 54	1 51	7 44		n.a.
T 29	0 53	22 54	4 26	13 28	2 27	15 21	1 38	1 49	2 14	22 50	0 18	15 43	1 54	2 29	0 39	23 25	0 22	16 18	3 32	1 54	1 52	7 41		n.a.
W30	0 30	26 19	4 58	13 10	2 32	15 16	1 30	1 44	2 12	22 51	0 18	15 42	1 54	2 28	0 39	23 25	0 22	16 19	3 32	1 54	1 53	7 38		n.a.
T 31	0s 7	28s28	5s15	12s51	2s36	15s10	1n22	1s38	2n10	22n52	0n18	15s41	1n54	2s27	0n39	23n25	0s22	16n19	3s32	1s54	1s55	7n34		n.a.

Julian Day Number = 1339065.5, Delta T = 07h17m25s
Ecliptic obliquity = 23°49'21, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'37, Lahiri = -18°24'37 Julian Calendar 1 March 1047 BCE == Greg. Calendar 19 Feb. 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

APRIL 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 56 26	0♈41'28	0♉58	4♓26	16♒13	8°R40	11♊54	18°R 7	7°R31	26♊22	26♉48	25°D18	25♓13	13♍35	n.a.	F 1
S 2	12 0 22	1°39'16	14°36	5°34	17° 1	8♎20	12° 2	18♏ 5	7♎28	26°23	26°49	25♓18	25°10	13°41	n.a.	S 2
S 3	12 4 19	2°37'04	28°36	6°45	17°49	8° 1	12°10	18° 2	7°26	26°23	26°50	25°18	25° 7	13°48	n.a.	S 3
M 4	12 8 16	3°34'50	13♒ 0	7°58	18°38	7°40	12°18	18° 0	7°23	26°24	26°51	25°19	25° 3	13°55	n.a.	M 4
T 5	12 12 12	4°32'35	27°43	9°14	19°28	7°20	12°27	17°57	7°21	26°25	26°52	25°20	25° 0	14° 1	n.a.	T 5
W 6	12 16 9	5°30'19	12♓41	10°33	20°18	6°59	12°35	17°55	7°18	26°25	26°53	25°20	24°57	14° 8	n.a.	W 6
T 7	12 20 5	6°28'01	27°46	11°53	21°10	6°39	12°43	17°52	7°16	26°26	26°54	25°R20	24°54	14°15	n.a.	T 7
F 8	12 24 2	7°25'42	12♈50	13°16	22° 1	6°18	12°52	17°49	7°13	26°26	26°55	25°20	24°51	14°21	n.a.	F 8
S 9	12 27 58	8°23'21	27°44	14°42	22°54	5°57	13° 1	17°47	7°11	26°27	26°56	25°19	24°47	14°28	n.a.	S 9
S 10	12 31 55	9°20'59	12♉20	16°10	23°46	5°35	13°10	17°44	7° 8	26°28	26°57	25°17	24°44	14°35	n.a.	S 10
M11	12 35 51	10°18'35	26°33	17°40	24°40	5°14	13°19	17°41	7° 6	26°29	26°58	25°15	24°41	14°41	n.a.	M11
T 12	12 39 48	11°16'10	10♊19	19°12	25°34	4°53	13°28	17°38	7° 3	26°29	26°59	25°14	24°38	14°48	n.a.	T 12
W13	12 43 45	12°13'43	23°38	20°46	26°28	4°33	13°37	17°35	7° 1	26°30	27° 0	25°12	24°35	14°54	n.a.	W13
T 14	12 47 41	13°11'15	6♋32	22°23	27°23	4°12	13°46	17°31	6°58	26°31	27° 1	25°11	24°32	15° 1	n.a.	T 14
F 15	12 51 38	14° 8'45	19° 4	24° 2	28°19	3°51	13°55	17°28	6°56	26°32	27° 2	25°D11	24°28	15° 8	n.a.	F 15
S 16	12 55 34	15° 6'13	1♌19	25°43	29°15	3°31	14° 5	17°25	6°53	26°33	27° 4	25°12	24°25	15°14	n.a.	S 16
S 17	12 59 31	16° 3'40	13°20	27°27	0♓11	3°11	14°14	17°22	6°51	26°34	27° 5	25°13	24°22	15°21	n.a.	S 17
M18	13 3 27	17° 1'06	25°12	29°12	1° 8	2°52	14°24	17°18	6°48	26°35	27° 6	25°15	24°19	15°28	n.a.	M18
T 19	13 7 24	17°58'30	7♍ 0	1♈ 0	2° 5	2°32	14°34	17°15	6°46	26°36	27° 7	25°16	24°16	15°34	n.a.	T 19
W20	13 11 20	18°55'53	18°47	2°50	3° 3	2°13	14°44	17°11	6°43	26°37	27° 8	25°17	24°13	15°41	n.a.	W20
T 21	13 15 17	19°53'14	0♎38	4°42	4° 1	1°55	14°54	17° 7	6°41	26°38	27°10	25°R17	24° 9	15°48	n.a.	T 21
F 22	13 19 14	20°50'35	12°34	6°36	4°59	1°37	15° 4	17° 4	6°38	26°39	27°11	25°16	24° 6	15°54	n.a.	F 22
S 23	13 23 10	21°47'54	24°37	8°33	5°58	1°20	15°14	17° 0	6°36	26°40	27°12	25°14	24° 3	16° 1	n.a.	S 23
S 24	13 27 7	22°45'12	6♏51	10°31	6°57	1° 3	15°24	16°56	6°34	26°42	27°13	25°10	24° 0	16° 8	n.a.	S 24
M25	13 31 3	23°42'30	19°15	12°31	7°57	0°47	15°35	16°52	6°31	26°43	27°15	25° 6	23°57	16°14	n.a.	M25
T 26	13 35 0	24°39'47	1♐52	14°34	8°57	0°31	15°45	16°49	6°29	26°44	27°16	25° 1	23°53	16°21	n.a.	T 26
W27	13 38 56	25°37'03	14°42	16°38	9°57	0°16	15°55	16°45	6°27	26°45	27°17	24°57	23°50	16°28	n.a.	W27
T 28	13 42 53	26°34'18	27°46	18°44	10°58	0° 2	16° 6	16°41	6°24	26°46	27°19	24°53	23°47	16°34	n.a.	T 28
F 29	13 46 49	27°31'33	11♑ 6	20°51	11°58	29♍48	16°17	16°37	6°22	26°48	27°20	24°50	23°44	16°41	n.a.	F 29
S 30	13 50 46	28♈28'47	24♑42	23♈ 0	13♓ 0	29♍35	16♊27	16♏33	6♎20	26♊49	27♉21	24°D49	23♓41	16♍47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n17	29s 5	5s16	12s30	2s40	15s 4	1n13	1s33	2n 7	22n53	0n18	15s41	1n54	2s26	0n39	23n25	0s22	16n19	3s32	1s54	1s56	7n31		n.a.
S 2	0 40	27 58	5 0	12 8	2 43	14 57	1 6	1 27	2 5	22 54	0 19	15 40	1 54	2 25	0 39	23 25	0 22	16 20	3 32	1 54	1 57	7 27		n.a.
S 3	1 3	25 6	4 26	11 43	2 45	14 49	0 58	1 21	2 3	22 55	0 19	15 39	1 54	2 24	0 39	23 25	0 22	16 20	3 32	1 54	1 58	7 24		n.a.
M 4	1 27	20 36	3 34	11 17	2 46	14 41	0 50	1 15	2 0	22 56	0 19	15 38	1 54	2 23	0 39	23 25	0 22	16 20	3 31	1 53	2 0	7 21		n.a.
T 5	1 50	14 45	2 27	10 49	2 47	14 32	0 43	1 9	1 58	22 58	0 19	15 38	1 54	2 22	0 39	23 25	0 22	16 21	3 31	1 53	2 1	7 17		n.a.
W 6	2 13	7 58	1 10	10 19	2 48	14 23	0 36	1 3	1 55	22 59	0 19	15 37	1 54	2 21	0 39	23 25	0 22	16 21	3 31	1 53	2 2	7 14		n.a.
T 7	2 36	0 42	0n14	9 47	2 47	14 13	0 29	0 58	1 53	23 0	0 19	15 36	1 55	2 20	0 39	23 25	0 21	16 21	3 31	1 53	2 4	7 10		n.a.
F 8	3 0	6n37	1 36	9 14	2 46	14 3	0 22	0 52	1 50	23 1	0 19	15 35	1 55	2 19	0 39	23 25	0 21	16 22	3 31	1 53	2 5	7 7		n.a.
S 9	3 23	13 28	2 50	8 39	2 45	13 52	0 15	0 46	1 47	23 2	0 19	15 34	1 55	2 18	0 39	23 25	0 21	16 22	3 31	1 53	2 6	7 4		n.a.
S 10	3 46	19 27	3 52	8 2	2 43	13 41	0 8	0 40	1 44	23 3	0 19	15 33	1 55	2 17	0 39	23 25	0 21	16 22	3 31	1 54	2 7	7 0		n.a.
M11	4 9	24 11	4 38	7 24	2 40	13 29	0 2	0 34	1 41	23 5	0 19	15 33	1 55	2 16	0 39	23 25	0 21	16 23	3 31	1 55	2 9	6 57		n.a.
T 12	4 32	27 23	5 6	6 44	2 37	13 16	0s 4	0 28	1 38	23 6	0 19	15 32	1 55	2 15	0 39	23 25	0 21	16 23	3 30	1 56	2 10	6 53		n.a.
W13	4 54	28 56	5 16	6 3	2 33	13 3	0 11	0 23	1 35	23 7	0 19	15 31	1 55	2 14	0 39	23 25	0 21	16 23	3 30	1 56	2 11	6 50		n.a.
T 14	5 17	28 49	5 10	5 20	2 28	12 50	0 17	0 17	1 32	23 8	0 19	15 30	1 55	2 13	0 39	23 25	0 21	16 24	3 30	1 56	2 12	6 47		n.a.
F 15	5 40	27 13	4 49	4 35	2 23	12 36	0 22	0 12	1 29	23 9	0 19	15 29	1 55	2 12	0 39	23 25	0 21	16 24	3 30	1 57	2 14	6 43		n.a.
S 16	6 2	24 20	4 16	3 50	2 18	12 21	0 28	0 6	1 26	23 11	0 19	15 28	1 55	2 11	0 39	23 25	0 21	16 25	3 30	1 56	2 15	6 40		n.a.
S 17	6 25	20 27	3 31	3 2	2 11	12 6	0 34	0 1	1 23	23 12	0 20	15 27	1 55	2 10	0 39	23 25	0 21	16 25	3 30	1 56	2 16	6 36		n.a.
M18	6 47	15 49	2 38	2 13	2 5	11 51	0 39	0n 4	1 20	23 13	0 20	15 26	1 55	2 9	0 39	23 25	0 21	16 25	3 30	1 55	2 18	6 33		n.a.
T 19	7 10	10 37	1 39	1 23	1 58	11 35	0 44	0 9	1 17	23 14	0 20	15 25	1 55	2 8	0 39	23 25	0 21	16 26	3 30	1 54	2 19	6 30		n.a.
W20	7 32	5 3	0 36	0 32	1 50	11 19	0 49	0 13	1 13	23 16	0 20	15 24	1 55	2 7	0 39	23 26	0 21	16 26	3 30	1 54	2 20	6 26		n.a.
T 21	7 54	0s42	0s29	0n21	1 42	11 2	0 54	0 18	1 10	23 17	0 20	15 23	1 55	2 6	0 39	23 26	0 21	16 26	3 30	1 54	2 21	6 23		n.a.
F 22	8 16	6 28	1 34	1 14	1 33	10 45	0 59	0 22	1 7	23 18	0 20	15 22	1 55	2 5	0 39	23 26	0 21	16 27	3 29	1 55	2 23	6 19		n.a.
S 23	8 38	12 4	2 34	2 9	1 24	10 27	1 4	0 26	1 4	23 19	0 20	15 20	1 55	2 4	0 39	23 26	0 21	16 27	3 29	1 55	2 24	6 16		n.a.
S 24	8 59	17 17	3 29	3 5	1 15	10 9	1 8	0 30	1 0	23 20	0 20	15 19	1 55	2 3	0 39	23 26	0 21	16 28	3 29	1 57	2 25	6 12		n.a.
M25	9 21	21 53	4 14	4 2	1 5	9 50	1 12	0 33	0 57	23 22	0 20	15 18	1 55	2 2	0 39	23 26	0 21	16 28	3 29	1 59	2 27	6 9		n.a.
T 26	9 42	25 33	4 48	4 59	0 55	9 31	1 16	0 37	0 54	23 23	0 20	15 17	1 55	2 1	0 39	23 26	0 21	16 28	3 29	2 1	2 28	6 6		n.a.
W27	10 3	28 1	5 8	5 57	0 45	9 12	1 21	0 40	0 50	23 24	0 20	15 16	1 55	2 0	0 39	23 26	0 21	16 29	3 29	2 2	2 29	6 2		n.a.
T 28	10 25	29 0	5 12	6 56	0 34	8 52	1 24	0 42	0 47	23 25	0 20	15 15	1 55	1 59	0 39	23 26	0 21	16 29	3 29	2 4	2 30	5 59		n.a.
F 29	10 45	28 20	5 0	7 54	0 24	8 32	1 28	0 45	0 44	23 26	0 20	15 14	1 55	1 58	0 39	23 26	0 21	16 30	3 29	2 5	2 32	5 55		n.a.
S 30	11n 6	25s58	4s31	8n53	0s13	8s12	1s32	0n47	0n40	23n28	0n20	15s13	1n55	1s58	0n39	23n26	0s21	16n30	3s29	2s 5	2s33	5n52		n.a.

Julian Day Number = 1339096.5, Delta T = 07h17m23s
Ecliptic obliquity = 23°49'21, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'33, Lahiri = -18°24'33 Julian Calendar 1 Apr. 1047 BCE == Greg. Calendar 22 March 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

MAY 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 43	29♈26'01	8♒35	25♈ 9	14♓ 1	29°R23	16♊38	16°R29	6°R17	26♊50	27♉23	24♓50	23♓38	16♍54	n.a.	S 1
M 2	13 58 39	0♉23'14	22°44	27°20	15° 3	29♍11	16°49	16♏25	6♎15	26°52	27°24	24°51	23°34	17° 1	n.a.	M 2
T 3	14 2 36	1°20'27	7♓ 9	29°31	16° 5	29° 0	17° 0	16°20	6°13	26°53	27°25	24°52	23°31	17° 7	n.a.	T 3
W 4	14 6 32	2°17'39	21°47	1♉43	17° 7	28°50	17°11	16°16	6°11	26°55	27°27	24°R53	23°28	17°14	n.a.	W 4
T 5	14 10 29	3°14'51	6♈33	3°54	18° 9	28°41	17°22	16°12	6° 9	26°56	27°28	24°52	23°25	17°21	n.a.	T 5
F 6	14 14 25	4°12'02	21°21	6° 6	19°12	28°33	17°34	16° 8	6° 7	26°58	27°29	24°50	23°22	17°27	n.a.	F 6
S 7	14 18 22	5° 9'13	6♉ 4	8°17	20°15	28°25	17°45	16° 4	6° 4	26°59	27°31	24°46	23°19	17°34	n.a.	S 7
S 8	14 22 18	6° 6'23	20°34	10°27	21°18	28°19	17°56	15°59	6° 2	27° 1	27°32	24°41	23°15	17°41	n.a.	S 8
M 9	14 26 15	7° 3'33	4♊45	12°37	22°22	28°13	18° 8	15°55	6° 0	27° 2	27°34	24°34	23°12	17°47	n.a.	M 9
T 10	14 30 12	8° 0'42	18°32	14°45	23°25	28° 8	18°19	15°51	5°58	27° 4	27°35	24°27	23° 9	17°54	n.a.	T 10
W11	14 34 8	8°57'51	1♋54	16°52	24°29	28° 4	18°31	15°46	5°56	27° 5	27°37	24°22	23° 6	18° 1	n.a.	W11
T 12	14 38 5	9°54'58	14°51	18°57	25°33	28° 0	18°42	15°42	5°54	27° 7	27°38	24°17	23° 3	18° 7	n.a.	T 12
F 13	14 42 1	10°52'06	27°25	21° 1	26°38	27°58	18°54	15°38	5°52	27° 9	27°39	24°14	22°59	18°14	n.a.	F 13
S 14	14 45 58	11°49'12	9♌41	23° 3	27°42	27°56	19° 6	15°33	5°51	27°10	27°41	24°D13	22°56	18°21	n.a.	S 14
S 15	14 49 54	12°46'18	21°42	25° 3	28°47	27°D55	19°17	15°29	5°49	27°12	27°42	24°14	22°53	18°27	n.a.	S 15
M16	14 53 51	13°43'23	3♍33	27° 1	29°52	27°55	19°29	15°24	5°47	27°14	27°44	24°15	22°50	18°34	n.a.	M16
T 17	14 57 48	14°40'28	15°21	28°57	0♈57	27°56	19°41	15°20	5°45	27°15	27°45	24°16	22°47	18°40	n.a.	T 17
W18	15 1 44	15°37'32	27°10	0♊50	2° 2	27°58	19°53	15°16	5°43	27°17	27°47	24°R16	22°44	18°47	n.a.	W18
T 19	15 5 41	16°34'36	9♎ 4	2°42	3° 7	28° 0	20° 5	15°11	5°42	27°19	27°48	24°15	22°40	18°54	n.a.	T 19
F 20	15 9 37	17°31'40	21° 7	4°32	4°13	28° 4	20°17	15° 7	5°40	27°21	27°50	24°12	22°37	19° 0	n.a.	F 20
S 21	15 13 34	18°28'43	3♏22	6°19	5°18	28° 8	20°29	15° 2	5°38	27°22	27°51	24° 6	22°34	19° 7	n.a.	S 21
S 22	15 17 30	19°25'47	15°50	8° 4	6°24	28°13	20°41	14°58	5°37	27°24	27°53	23°58	22°31	19°14	n.a.	S 22
M23	15 21 27	20°22'50	28°33	9°48	7°30	28°18	20°54	14°54	5°35	27°26	27°54	23°49	22°28	19°20	n.a.	M23
T 24	15 25 23	21°19'53	11♐30	11°28	8°36	28°25	21° 6	14°49	5°34	27°28	27°56	23°40	22°24	19°27	n.a.	T 24
W25	15 29 20	22°16'57	24°40	13° 7	9°43	28°32	21°18	14°45	5°32	27°30	27°57	23°30	22°21	19°34	n.a.	W25
T 26	15 33 17	23°14'00	8♑ 3	14°44	10°49	28°40	21°31	14°41	5°31	27°32	27°59	23°22	22°18	19°40	n.a.	T 26
F 27	15 37 13	24°11'04	21°37	16°18	11°56	28°48	21°43	14°36	5°30	27°34	28° 0	23°16	22°15	19°47	n.a.	F 27
S 28	15 41 10	25° 8'09	5♒21	17°50	13° 3	28°58	21°55	14°32	5°28	27°36	28° 2	23°12	22°12	19°54	n.a.	S 28
S 29	15 45 6	26° 5'13	19°15	19°20	14°10	29° 8	22° 8	14°28	5°27	27°38	28° 3	23°10	22° 9	20° 0	n.a.	S 29
M30	15 49 3	27° 2'19	3♓18	20°48	15°17	29°19	22°20	14°24	5°26	27°40	28° 5	23°D10	22° 5	20° 7	n.a.	M30
T 31	15 52 59	27♉59'24	17♓30	22♊13	16♈24	29♍30	22♊33	14♏19	5♎24	27♊42	28♉ 6	23°R11	22♓ 2	20♍14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	11n27	22s 2	3s46	9n51	0s 2	7s51	1s35	0n49	0n37	23n29	0n20	15s11	1n55	1s57	0n39	23n26	0s21	16n30	3s29	2s 5	2s34	5n48			n.a.
M 2	11 47	16 46	2 46	10 49	0n 8	7 30	1 39	0 51	0 34	23 30	0 21	15 10	1 55	1 56	0 39	23 26	0 21	16 31	3 28	2 5	2 35	5 45			n.a.
T 3	12 8	10 29	1 35	11 46	0 19	7 8	1 42	0 52	0 31	23 31	0 21	15 9	1 55	1 55	0 39	23 26	0 21	16 31	3 28	2 4	2 37	5 42			n.a.
W 4	12 28	3 34	0 17	12 43	0 29	6 46	1 45	0 53	0 28	23 32	0 21	15 8	1 55	1 54	0 39	23 26	0 21	16 32	3 28	2 4	2 38	5 38			n.a.
T 5	12 48	3n36	1n 3	13 38	0 39	6 24	1 48	0 54	0 24	23 33	0 21	15 7	1 55	1 53	0 39	23 26	0 21	16 32	3 28	2 4	2 39	5 35			n.a.
F 6	13 7	10 36	2 19	14 32	0 49	6 2	1 50	0 55	0 21	23 34	0 21	15 5	1 55	1 52	0 39	23 26	0 21	16 32	3 28	2 5	2 41	5 31			n.a.
S 7	13 27	16 58	3 25	15 24	0 58	5 39	1 53	0 55	0 18	23 36	0 21	15 4	1 55	1 52	0 39	23 26	0 21	16 33	3 28	2 7	2 42	5 28			n.a.
S 8	13 46	22 17	4 17	16 15	1 7	5 16	1 56	0 55	0 15	23 37	0 21	15 3	1 55	1 51	0 39	23 27	0 21	16 33	3 28	2 9	2 43	5 24			n.a.
M 9	14 5	26 11	4 51	17 3	1 15	4 53	1 58	0 54	0 12	23 38	0 21	15 2	1 55	1 50	0 39	23 27	0 21	16 34	3 28	2 11	2 44	5 21			n.a.
T 10	14 24	28 25	5 8	17 50	1 23	4 29	2 0	0 53	0 9	23 39	0 21	15 1	1 55	1 49	0 39	23 27	0 21	16 34	3 28	2 14	2 46	5 17			n.a.
W11	14 43	28 55	5 7	18 34	1 30	4 5	2 2	0 52	0 6	23 40	0 21	14 59	1 55	1 48	0 39	23 27	0 21	16 34	3 28	2 17	2 47	5 14			n.a.
T 12	15 1	27 47	4 50	19 16	1 36	3 41	2 4	0 51	0 3	23 41	0 21	14 58	1 55	1 48	0 39	23 27	0 21	16 35	3 28	2 18	2 48	5 11			n.a.
F 13	15 19	25 14	4 19	19 56	1 42	3 17	2 6	0 49	0 0	23 42	0 21	14 57	1 55	1 47	0 39	23 27	0 21	16 35	3 27	2 19	2 50	5 7			n.a.
S 14	15 37	21 36	3 37	20 33	1 47	2 53	2 8	0 47	0s 3	23 43	0 21	14 56	1 55	1 46	0 39	23 27	0 21	16 36	3 27	2 20	2 51	5 4			n.a.
S 15	15 55	17 7	2 47	21 8	1 52	2 28	2 10	0 45	0 6	23 44	0 21	14 54	1 55	1 45	0 38	23 27	0 21	16 36	3 27	2 20	2 52	5 0			n.a.
M16	16 13	12 3	1 50	21 40	1 55	2 3	2 11	0 43	0 9	23 45	0 21	14 53	1 55	1 45	0 38	23 27	0 21	16 36	3 27	2 19	2 53	4 57			n.a.
T 17	16 30	6 36	0 48	22 10	1 59	1 38	2 12	0 40	0 11	23 46	0 22	14 52	1 55	1 44	0 38	23 27	0 21	16 37	3 27	2 19	2 55	4 53			n.a.
W18	16 47	0 54	0s16	22 37	2 1	1 13	2 14	0 36	0 14	23 47	0 22	14 51	1 55	1 43	0 38	23 27	0 21	16 37	3 27	2 19	2 56	4 50			n.a.
T 19	17 4	4s51	1 19	23 2	2 3	0 48	2 15	0 33	0 17	23 48	0 22	14 49	1 55	1 43	0 38	23 27	0 21	16 38	3 27	2 19	2 57	4 46			n.a.
F 20	17 20	10 31	2 19	23 25	2 4	0 22	2 16	0 29	0 19	23 49	0 22	14 48	1 55	1 42	0 38	23 27	0 21	16 38	3 27	2 21	2 58	4 43			n.a.
S 21	17 36	15 52	3 14	23 45	2 4	0n 3	2 17	0 25	0 22	23 50	0 22	14 47	1 55	1 41	0 38	23 27	0 21	16 38	3 27	2 23	3 0	4 39			n.a.
S 22	17 52	20 40	4 0	24 2	2 4	0 29	2 18	0 21	0 25	23 51	0 22	14 46	1 54	1 41	0 38	23 27	0 20	16 39	3 27	2 26	3 1	4 36			n.a.
M23	18 8	24 38	4 36	24 18	2 3	0 55	2 18	0 16	0 27	23 52	0 22	14 45	1 54	1 40	0 38	23 27	0 20	16 39	3 27	2 29	3 2	4 33			n.a.
T 24	18 23	27 26	4 58	24 31	2 1	1 21	2 19	0 11	0 30	23 53	0 22	14 43	1 54	1 40	0 38	23 27	0 20	16 40	3 27	2 33	3 4	4 29			n.a.
W25	18 38	28 47	5 5	24 42	1 59	1 47	2 19	0 6	0 32	23 54	0 22	14 42	1 54	1 39	0 38	23 27	0 20	16 40	3 27	2 37	3 5	4 26			n.a.
T 26	18 53	28 29	4 55	24 51	1 56	2 13	2 20	0 1	0 34	23 55	0 22	14 41	1 54	1 39	0 38	23 28	0 20	16 40	3 27	2 41	3 6	4 22			n.a.
F 27	19 7	26 28	4 28	24 58	1 52	2 39	2 20	0s 5	0 37	23 56	0 22	14 40	1 54	1 38	0 38	23 28	0 20	16 41	3 26	2 43	3 7	4 19			n.a.
S 28	19 21	22 53	3 46	25 3	1 48	3 5	2 20	0 11	0 39	23 57	0 22	14 39	1 54	1 38	0 38	23 28	0 20	16 41	3 26	2 45	3 9	4 15			n.a.
S 29	19 35	17 59	2 51	25 6	1 44	3 32	2 20	0 17	0 41	23 57	0 22	14 37	1 54	1 37	0 38	23 28	0 20	16 42	3 26	2 45	3 10	4 12			n.a.
M30	19 49	12 4	1 44	25 8	1 38	3 58	2 20	0 23	0 44	23 58	0 23	14 36	1 54	1 37	0 38	23 28	0 20	16 42	3 26	2 45	3 11	4 8			n.a.
T 31	20n 2	5s29	0s30	25n 8	1n32	4n24	2s20	0s30	0s46	23n59	0n23	14s35	1n54	1s36	0n38	23n28	0s20	16n42	3s26	2s45	3s12	4n 5			n.a.

Julian Day Number = 1339126.5, Delta T = 07h17m22s
Ecliptic obliquity = 23°49'21, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'29, Lahiri = -18°24'29 Julian Calendar 1 May 1047 BCE == Greg. Calendar 21 Apr. 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

JUNE 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 56 56	28♉56'30	1♈48	23♊36	17♈31	29♍42	22♊46	14°R15	5°R23	27♊44	28♉ 8	23°R10	21♓59	20♍20	n.a.	W 1
T 2	16 0 53	29°53'37	16°11	24°57	18°39	29°55	22°58	14♏11	5♎22	27°46	28° 9	23♓ 9	21°56	20°27	n.a.	T 2
F 3	16 4 49	0♊50'44	0♉35	26°15	19°46	0♎ 9	23°11	14° 7	5°21	27°48	28°11	23° 4	21°53	20°33	n.a.	F 3
S 4	16 8 46	1°47'52	14°56	27°31	20°54	0°23	23°24	14° 3	5°20	27°50	28°12	22°57	21°50	20°40	n.a.	S 4
S 5	16 12 42	2°45'01	29° 7	28°44	22° 2	0°37	23°36	13°59	5°19	27°52	28°14	22°48	21°46	20°47	n.a.	S 5
M 6	16 16 39	3°42'10	13♊ 4	29°55	23°10	0°53	23°49	13°55	5°18	27°54	28°15	22°37	21°43	20°53	n.a.	M 6
T 7	16 20 35	4°39'19	26°43	1♋ 3	24°18	1° 9	24° 2	13°51	5°17	27°56	28°17	22°26	21°40	21° 0	n.a.	T 7
W 8	16 24 32	5°36'29	9♋59	2° 9	25°26	1°26	24°15	13°47	5°16	27°58	28°18	22°16	21°37	21° 7	n.a.	W 8
T 9	16 28 28	6°33'39	22°53	3°12	26°35	1°43	24°28	13°43	5°16	28° 0	28°20	22° 7	21°34	21°13	n.a.	T 9
F 10	16 32 25	7°30'49	5♌27	4°11	27°43	2° 1	24°41	13°39	5°15	28° 2	28°21	22° 1	21°30	21°20	n.a.	F 10
S 11	16 36 22	8°28'00	17°42	5° 8	28°52	2°19	24°54	13°35	5°14	28° 4	28°23	21°57	21°27	21°27	n.a.	S 11
S 12	16 40 18	9°25'11	29°43	6° 2	0♉ 0	2°38	25° 7	13°32	5°14	28° 6	28°24	21°56	21°24	21°33	n.a.	S 12
M13	16 44 15	10°22'22	11♍35	6°52	1° 9	2°58	25°20	13°28	5°13	28° 8	28°26	21°D55	21°21	21°40	n.a.	M13
T 14	16 48 11	11°19'34	23°23	7°39	2°18	3°18	25°33	13°24	5°12	28°11	28°27	21°R55	21°18	21°47	n.a.	T 14
W15	16 52 8	12°16'46	5♎13	8°23	3°27	3°39	25°46	13°21	5°12	28°13	28°29	21°55	21°15	21°53	n.a.	W15
T 16	16 56 4	13°13'59	17°11	9° 3	4°36	4° 0	25°59	13°17	5°12	28°15	28°30	21°53	21°11	22° 0	n.a.	T 16
F 17	17 0 1	14°11'12	29°20	9°39	5°45	4°22	26°12	13°14	5°11	28°17	28°32	21°48	21° 8	22° 6	n.a.	F 17
S 18	17 3 58	15° 8'27	11♏44	10°10	6°54	4°44	26°25	13°10	5°11	28°19	28°33	21°41	21° 5	22°13	n.a.	S 18
S 19	17 7 54	16° 5'41	24°25	10°38	8° 3	5° 6	26°38	13° 7	5°11	28°21	28°35	21°31	21° 2	22°20	n.a.	S 19
M20	17 11 51	17° 2'57	7♐25	11° 2	9°13	5°30	26°51	13° 4	5°10	28°24	28°36	21°20	20°59	22°26	n.a.	M20
T 21	17 15 47	18° 0'13	20°43	11°21	10°22	5°53	27° 4	13° 0	5°10	28°26	28°37	21° 8	20°56	22°33	n.a.	T 21
W22	17 19 44	18°57'31	4♑17	11°35	11°32	6°17	27°17	12°57	5°10	28°28	28°39	20°56	20°52	22°40	n.a.	W22
T 23	17 23 40	19°54'49	18° 4	11°44	12°42	6°42	27°30	12°54	5°10	28°30	28°40	20°45	20°49	22°46	n.a.	T 23
F 24	17 27 37	20°52'09	2♒ 1	11°R49	13°52	7° 7	27°43	12°51	5°D10	28°32	28°42	20°37	20°46	22°53	n.a.	F 24
S 25	17 31 33	21°49'30	16° 3	11°48	15° 2	7°32	27°57	12°48	5°10	28°35	28°43	20°32	20°43	23° 0	n.a.	S 25
S 26	17 35 30	22°46'52	0♓ 9	11°42	16°12	7°58	28°10	12°45	5°10	28°37	28°45	20°29	20°40	23° 6	n.a.	S 26
M27	17 39 27	23°44'16	14°17	11°31	17°22	8°24	28°23	12°43	5°10	28°39	28°46	20°28	20°36	23°13	n.a.	M27
T 28	17 43 23	24°41'40	28°24	11°15	18°32	8°51	28°36	12°40	5°10	28°41	28°47	20°28	20°33	23°20	n.a.	T 28
W29	17 47 20	25°39'07	12♈31	10°53	19°42	9°18	28°49	12°37	5°11	28°43	28°49	20°28	20°30	23°26	n.a.	W29
T 30	17 51 16	26♊36'35	26♈35	10♋27	20♉53	9♎45	29♊ 3	12♏35	5♎11	28♊46	28♉50	20♓25	20♓27	23♍33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n15	1n26	0n46	25n 6	1n26	4n51	2s19	0s37	0s48	24n 0	0n23	14s34	1n53	1s36	0n38	23n28	0s20	16n43	3s26	2s45	3s14	4n 1		n.a.
T 2	20 27	8 18	1 59	25 3	1 19	5 17	2 19	0 44	0 50	24 1	0 23	14 33	1 53	1 35	0 38	23 28	0 20	16 43	3 26	2 46	3 15	3 58		n.a.
F 3	20 39	14 45	3 5	24 58	1 12	5 43	2 19	0 51	0 52	24 1	0 23	14 32	1 53	1 35	0 38	23 28	0 20	16 43	3 26	2 48	3 16	3 55		n.a.
S 4	20 51	20 22	3 59	24 52	1 4	6 10	2 18	0 59	0 54	24 2	0 23	14 31	1 53	1 34	0 38	23 28	0 20	16 44	3 26	2 50	3 18	3 51		n.a.
S 5	21 3	24 47	4 37	24 44	0 55	6 36	2 17	1 6	0 56	24 3	0 23	14 30	1 53	1 34	0 38	23 28	0 20	16 44	3 26	2 54	3 19	3 48		n.a.
M 6	21 14	27 39	4 58	24 36	0 47	7 2	2 17	1 14	0 58	24 4	0 23	14 28	1 53	1 34	0 38	23 28	0 20	16 45	3 26	2 58	3 20	3 44		n.a.
T 7	21 25	28 48	5 1	24 26	0 37	7 28	2 16	1 23	1 0	24 4	0 23	14 27	1 53	1 33	0 38	23 28	0 20	16 45	3 26	3 3	3 21	3 41		n.a.
W 8	21 35	28 13	4 48	24 16	0 27	7 54	2 15	1 31	1 2	24 5	0 23	14 26	1 53	1 33	0 38	23 28	0 20	16 45	3 26	3 7	3 23	3 37		n.a.
T 9	21 45	26 7	4 20	24 4	0 17	8 20	2 14	1 40	1 4	24 6	0 23	14 25	1 52	1 33	0 38	23 28	0 20	16 46	3 26	3 10	3 24	3 34		n.a.
F 10	21 55	22 46	3 40	23 52	0 6	8 46	2 13	1 49	1 5	24 6	0 23	14 24	1 52	1 33	0 38	23 28	0 20	16 46	3 26	3 13	3 25	3 30		n.a.
S 11	22 4	18 29	2 51	23 39	0s 5	9 12	2 11	1 58	1 7	24 7	0 23	14 23	1 52	1 32	0 38	23 28	0 20	16 46	3 26	3 14	3 26	3 27		n.a.
S 12	22 13	13 33	1 55	23 25	0 16	9 38	2 10	2 7	1 9	24 7	0 24	14 22	1 52	1 32	0 38	23 28	0 20	16 47	3 26	3 15	3 28	3 23		n.a.
M13	22 22	8 10	0 55	23 11	0 28	10 3	2 9	2 16	1 11	24 8	0 24	14 21	1 52	1 32	0 37	23 28	0 20	16 47	3 26	3 15	3 29	3 20		n.a.
T 14	22 30	2 33	0s 8	22 56	0 40	10 28	2 7	2 26	1 12	24 8	0 24	14 20	1 52	1 32	0 37	23 28	0 20	16 48	3 26	3 15	3 30	3 16		n.a.
W15	22 38	3s11	1 10	22 41	0 53	10 54	2 6	2 36	1 14	24 9	0 24	14 19	1 51	1 32	0 37	23 29	0 20	16 48	3 26	3 15	3 32	3 13		n.a.
T 16	22 45	8 50	2 10	22 25	1 5	11 19	2 4	2 46	1 15	24 9	0 24	14 19	1 51	1 31	0 37	23 29	0 20	16 48	3 26	3 16	3 33	3 9		n.a.
F 17	22 52	14 16	3 4	22 10	1 19	11 43	2 3	2 56	1 17	24 10	0 24	14 18	1 51	1 31	0 37	23 29	0 20	16 49	3 25	3 18	3 34	3 6		n.a.
S 18	22 59	19 15	3 51	21 54	1 32	12 8	2 1	3 6	1 18	24 10	0 24	14 17	1 51	1 31	0 37	23 29	0 20	16 49	3 25	3 21	3 35	3 2		n.a.
S 19	23 5	23 30	4 28	21 38	1 45	12 33	1 59	3 17	1 20	24 11	0 24	14 16	1 51	1 31	0 37	23 29	0 20	16 49	3 25	3 25	3 37	2 59		n.a.
M20	23 11	26 41	4 52	21 23	1 59	12 57	1 57	3 27	1 21	24 11	0 24	14 15	1 51	1 31	0 37	23 29	0 20	16 50	3 25	3 29	3 38	2 56		n.a.
T 21	23 16	28 29	5 0	21 8	2 12	13 21	1 55	3 38	1 23	24 12	0 24	14 14	1 50	1 31	0 37	23 29	0 20	16 50	3 25	3 34	3 39	2 52		n.a.
W22	23 21	28 37	4 52	20 53	2 26	13 44	1 53	3 49	1 24	24 12	0 24	14 14	1 50	1 31	0 37	23 29	0 20	16 50	3 25	3 39	3 40	2 49		n.a.
T 23	23 26	27 0	4 27	20 39	2 40	14 8	1 51	4 0	1 26	24 12	0 25	14 13	1 50	1 31	0 37	23 29	0 20	16 51	3 25	3 43	3 42	2 45		n.a.
F 24	23 30	23 42	3 46	20 25	2 53	14 31	1 49	4 12	1 27	24 13	0 25	14 12	1 50	1 31	0 37	23 29	0 20	16 51	3 25	3 46	3 43	2 42		n.a.
S 25	23 34	19 0	2 51	20 12	3 6	14 54	1 47	4 23	1 28	24 13	0 25	14 11	1 50	1 31	0 37	23 29	0 20	16 51	3 25	3 49	3 44	2 38		n.a.
S 26	23 37	13 14	1 45	20 0	3 19	15 17	1 45	4 34	1 30	24 13	0 25	14 11	1 50	1 31	0 37	23 29	0 20	16 52	3 25	3 50	3 45	2 35		n.a.
M27	23 40	6 47	0 33	19 48	3 31	15 39	1 42	4 46	1 31	24 14	0 25	14 10	1 49	1 31	0 37	23 29	0 20	16 52	3 25	3 50	3 47	2 31		n.a.
T 28	23 43	0 0	0n42	19 38	3 43	16 1	1 40	4 58	1 32	24 14	0 25	14 9	1 49	1 31	0 37	23 29	0 20	16 52	3 25	3 50	3 48	2 28		n.a.
W29	23 45	6n46	1 54	19 29	3 54	16 23	1 38	5 10	1 33	24 14	0 25	14 9	1 49	1 32	0 37	23 29	0 20	16 53	3 25	3 50	3 49	2 24		n.a.
T 30	23n47	13n11	2n59	19n21	4s 4	16n44	1s35	5s22	1s34	24n14	0n25	14s 8	1n49	1s32	0n37	23n29	0s20	16n53	3s25	3s51	3s51	2n21		n.a.

Julian Day Number = 1339157.5, Delta T = 07h17m20s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'25, Lahiri = -18°24'24 Julian Calendar 1 June 1047 BCE == Greg. Calendar 22 May 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

JULY 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 55 13	27♊34'04	10♉37	9°R56	22♉ 3	10♎13	29♊16	12°R32	5♎11	28♊48	28♉51	20°R21	20♓24	23♍40	n.a.	F 1
S 2	17 59 9	28°31'35	24°32	9♋20	23°14	10°41	29°29	12♏30	5°12	28°50	28°53	20♓13	20°21	23°46	n.a.	S 2
S 3	18 3 6	29°29'07	8♊19	8°40	24°24	11°10	29°42	12°28	5°12	28°52	28°54	20° 3	20°17	23°53	n.a.	S 3
M 4	18 7 2	0♋26'41	21°54	7°57	25°35	11°39	29°55	12°25	5°12	28°55	28°55	19°51	20°14	23°59	n.a.	M 4
T 5	18 10 59	1°24'16	5♋13	7°11	26°46	12° 8	0♋ 9	12°23	5°13	28°57	28°57	19°39	20°11	24° 6	n.a.	T 5
W 6	18 14 56	2°21'53	18°16	6°23	27°57	12°38	0°22	12°21	5°14	28°59	28°58	19°27	20° 8	24°13	n.a.	W 6
T 7	18 18 52	3°19'31	1♌ 0	5°34	29° 8	13° 8	0°35	12°19	5°14	29° 1	28°59	19°18	20° 5	24°19	n.a.	T 7
F 8	18 22 49	4°17'10	13°27	4°44	0♊19	13°38	0°48	12°17	5°15	29° 4	29° 1	19°10	20° 2	24°26	n.a.	F 8
S 9	18 26 45	5°14'50	25°38	3°55	1°30	14° 9	1° 2	12°15	5°16	29° 6	29° 2	19° 6	19°58	24°33	n.a.	S 9
S 10	18 30 42	6°12'32	7♍37	3° 8	2°41	14°40	1°15	12°14	5°17	29° 8	29° 3	19° 3	19°55	24°39	n.a.	S 10
M11	18 34 38	7°10'14	19°28	2°23	3°52	15°11	1°28	12°12	5°17	29°10	29° 4	19°D 3	19°52	24°46	n.a.	M11
T 12	18 38 35	8° 7'58	1♎17	1°41	5° 4	15°43	1°41	12°11	5°18	29°12	29° 6	19° 3	19°49	24°53	n.a.	T 12
W13	18 42 32	9° 5'44	13° 7	1° 4	6°15	16°15	1°54	12° 9	5°19	29°15	29° 7	19°R 3	19°46	24°59	n.a.	W13
T 14	18 46 28	10° 3'30	25° 5	0°32	7°27	16°47	2° 7	12° 8	5°20	29°17	29° 8	19° 2	19°42	25° 6	n.a.	T 14
F 15	18 50 25	11° 1'18	7♏16	0° 5	8°38	17°19	2°20	12° 7	5°21	29°19	29° 9	18°59	19°39	25°13	n.a.	F 15
S 16	18 54 21	11°59'07	19°44	29♊46	9°50	17°52	2°34	12° 5	5°22	29°21	29°10	18°54	19°36	25°19	n.a.	S 16
S 17	18 58 18	12°56'58	2♐34	29°33	11° 2	18°25	2°47	12° 4	5°24	29°23	29°11	18°46	19°33	25°26	n.a.	S 17
M18	19 2 14	13°54'51	15°46	29°D28	12°13	18°59	3° 0	12° 3	5°25	29°26	29°13	18°36	19°30	25°33	n.a.	M18
T 19	19 6 11	14°52'45	29°20	29°30	13°25	19°32	3°13	12° 2	5°26	29°28	29°14	18°26	19°27	25°39	n.a.	T 19
W20	19 10 7	15°50'40	13♑15	29°40	14°37	20° 6	3°26	12° 2	5°27	29°30	29°15	18°16	19°23	25°46	n.a.	W20
T 21	19 14 4	16°48'37	27°26	29°59	15°49	20°40	3°39	12° 1	5°29	29°32	29°16	18° 7	19°20	25°52	n.a.	T 21
F 22	19 18 1	17°46'36	11♒48	0♋25	17° 1	21°15	3°52	12° 0	5°30	29°34	29°17	18° 1	19°17	25°59	n.a.	F 22
S 23	19 21 57	18°44'37	26°16	0°59	18°14	21°49	4° 5	12° 0	5°32	29°36	29°18	17°56	19°14	26° 6	n.a.	S 23
S 24	19 25 54	19°42'40	10♓43	1°42	19°26	22°24	4°18	11°59	5°33	29°38	29°19	17°54	19°11	26°12	n.a.	S 24
M25	19 29 50	20°40'45	25° 5	2°31	20°38	22°59	4°31	11°59	5°35	29°41	29°20	17°D54	19° 8	26°19	n.a.	M25
T 26	19 33 47	21°38'52	9♈21	3°29	21°50	23°35	4°44	11°59	5°36	29°43	29°21	17°55	19° 4	26°26	n.a.	T 26
W27	19 37 43	22°37'01	23°27	4°33	23° 3	24°10	4°57	11°59	5°38	29°45	29°22	17°R56	19° 1	26°32	n.a.	W27
T 28	19 41 40	23°35'12	7♉23	5°43	24°15	24°46	5°10	11°D59	5°40	29°47	29°23	17°55	18°58	26°39	n.a.	T 28
F 29	19 45 36	24°33'25	21° 8	7° 0	25°28	25°22	5°22	11°59	5°41	29°49	29°24	17°52	18°55	26°46	n.a.	F 29
S 30	19 49 33	25°31'41	4♊43	8°23	26°41	25°58	5°35	11°59	5°43	29°51	29°25	17°47	18°52	26°52	n.a.	S 30
S 31	19 53 30	26♋29'59	18♊ 6	9♋51	27♊54	26♎35	5♋48	11♏59	5♎45	29♊53	29♉26	17♓40	18♓48	26♍59	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	18n54	3n52	19n14	4s13	17n 5	1s33	5s34	1s35	24n14	0n25	14s 8	1n49	1s32	0n37	23n29	0s20	16n53	3s25	3s53	3s52	2n17		n.a.
S 2	23 49	23 35	4 32	19 9	4 21	17 25	1 30	5 46	1 37	24 15	0 25	14 7	1 48	1 32	0 37	23 29	0 20	16 54	3 25	3 56	3 53	2 14		n.a.
S 3	23 49	26 53	4 55	19 5	4 27	17 46	1 28	5 59	1 38	24 15	0 25	14 6	1 48	1 32	0 37	23 29	0 20	16 54	3 25	4 0	3 54	2 10		n.a.
M 4	23 49	28 34	5 1	19 3	4 32	18 5	1 25	6 11	1 39	24 15	0 26	14 6	1 48	1 32	0 37	23 29	0 20	16 54	3 25	4 5	3 56	2 7		n.a.
T 5	23 49	28 33	4 50	19 2	4 36	18 25	1 22	6 24	1 40	24 15	0 26	14 6	1 48	1 33	0 37	23 29	0 20	16 55	3 25	4 10	3 57	2 3		n.a.
W 6	23 48	26 55	4 24	19 3	4 37	18 44	1 20	6 36	1 41	24 15	0 26	14 5	1 48	1 33	0 37	23 29	0 20	16 55	3 25	4 14	3 58	2 0		n.a.
T 7	23 47	23 55	3 46	19 5	4 37	19 2	1 17	6 49	1 42	24 15	0 26	14 5	1 47	1 33	0 37	23 29	0 20	16 55	3 25	4 18	3 59	1 56		n.a.
F 8	23 45	19 52	2 57	19 9	4 35	19 20	1 14	7 2	1 43	24 15	0 26	14 4	1 47	1 34	0 37	23 29	0 20	16 55	3 25	4 21	4 1	1 53		n.a.
S 9	23 43	15 4	2 1	19 15	4 31	19 37	1 11	7 15	1 44	24 15	0 26	14 4	1 47	1 34	0 36	23 29	0 20	16 56	3 25	4 23	4 2	1 49		n.a.
S 10	23 40	9 47	1 0	19 22	4 26	19 55	1 9	7 28	1 44	24 15	0 26	14 4	1 47	1 34	0 36	23 29	0 20	16 56	3 25	4 24	4 3	1 46		n.a.
M11	23 37	4 12	0s 2	19 30	4 18	20 11	1 6	7 41	1 45	24 15	0 26	14 3	1 46	1 35	0 36	23 29	0 20	16 56	3 25	4 24	4 4	1 42		n.a.
T 12	23 34	1s30	1 5	19 40	4 9	20 27	1 3	7 54	1 46	24 15	0 26	14 3	1 46	1 35	0 36	23 29	0 20	16 57	3 25	4 24	4 6	1 39		n.a.
W13	23 30	7 10	2 5	19 51	3 58	20 43	1 0	8 8	1 47	24 15	0 26	14 3	1 46	1 36	0 36	23 29	0 20	16 57	3 25	4 24	4 7	1 36		n.a.
T 14	23 26	12 38	3 0	20 3	3 46	20 58	0 57	8 21	1 48	24 15	0 27	14 3	1 46	1 36	0 36	23 29	0 20	16 57	3 25	4 24	4 8	1 32		n.a.
F 15	23 21	17 44	3 47	20 17	3 33	21 12	0 54	8 35	1 49	24 15	0 27	14 2	1 46	1 36	0 36	23 30	0 20	16 57	3 25	4 26	4 10	1 29		n.a.
S 16	23 16	22 12	4 26	20 31	3 18	21 26	0 51	8 48	1 49	24 15	0 27	14 2	1 45	1 37	0 36	23 30	0 20	16 58	3 25	4 28	4 11	1 25		n.a.
S 17	23 11	25 46	4 52	20 47	3 3	21 39	0 48	9 2	1 50	24 14	0 27	14 2	1 45	1 37	0 36	23 30	0 20	16 58	3 25	4 31	4 12	1 22		n.a.
M18	23 5	28 4	5 3	21 3	2 47	21 52	0 45	9 15	1 51	24 14	0 27	14 2	1 45	1 38	0 36	23 30	0 20	16 58	3 25	4 35	4 13	1 18		n.a.
T 19	22 59	28 47	4 58	21 19	2 30	22 4	0 42	9 29	1 52	24 14	0 27	14 2	1 45	1 39	0 36	23 30	0 20	16 58	3 25	4 39	4 15	1 15		n.a.
W20	22 52	27 43	4 36	21 36	2 13	22 16	0 40	9 42	1 52	24 14	0 27	14 2	1 44	1 39	0 36	23 30	0 20	16 59	3 25	4 43	4 16	1 11		n.a.
T 21	22 45	24 51	3 56	21 54	1 56	22 27	0 37	9 56	1 53	24 14	0 27	14 2	1 44	1 40	0 36	23 30	0 20	16 59	3 25	4 46	4 17	1 8		n.a.
F 22	22 37	20 24	3 0	22 11	1 39	22 37	0 34	10 10	1 54	24 13	0 27	14 2	1 44	1 40	0 36	23 30	0 20	16 59	3 25	4 49	4 18	1 4		n.a.
S 23	22 29	14 44	1 53	22 28	1 22	22 47	0 31	10 24	1 54	24 13	0 28	14 2	1 44	1 41	0 36	23 30	0 20	16 59	3 25	4 50	4 20	1 1		n.a.
S 24	22 21	8 16	0 38	22 44	1 5	22 56	0 28	10 38	1 55	24 13	0 28	14 2	1 44	1 42	0 36	23 30	0 20	16 59	3 25	4 51	4 21	0 57		n.a.
M25	22 12	1 24	0n38	23 0	0 48	23 5	0 25	10 51	1 55	24 12	0 28	14 2	1 43	1 42	0 36	23 30	0 20	17 0	3 25	4 51	4 22	0 54		n.a.
T 26	22 3	5n29	1 52	23 14	0 32	23 12	0 22	11 5	1 56	24 12	0 28	14 2	1 43	1 43	0 36	23 30	0 20	17 0	3 25	4 51	4 23	0 50		n.a.
W27	21 53	12 0	2 59	23 27	0 17	23 20	0 19	11 19	1 56	24 12	0 28	14 3	1 43	1 44	0 36	23 30	0 20	17 0	3 25	4 51	4 25	0 47		n.a.
T 28	21 44	17 52	3 54	23 39	0 3	23 26	0 16	11 33	1 57	24 11	0 28	14 3	1 43	1 44	0 36	23 30	0 20	17 0	3 25	4 51	4 26	0 43		n.a.
F 29	21 33	22 44	4 34	23 49	0n11	23 32	0 13	11 47	1 57	24 11	0 28	14 3	1 42	1 45	0 36	23 30	0 20	17 0	3 25	4 52	4 27	0 40		n.a.
S 30	21 22	26 19	4 59	23 57	0 24	23 37	0 10	12 1	1 58	24 10	0 28	14 3	1 42	1 46	0 36	23 30	0 20	17 1	3 25	4 54	4 29	0 36		n.a.
S 31	21n11	28n22	5n 7	24n 3	0n36	23n41	0s 7	12s15	1s58	24n10	0n29	14s 4	1n42	1s47	0n36	23n30	0s20	17n 1	3s25	4s57	4s30	0n33		n.a.

Julian Day Number = 1339187.5, Delta T = 07h17m19s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'21, Lahiri = -18°24'20 Julian Calendar 1 July 1047 BCE == Greg. Calendar 21 June 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

AUGUST 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 57 26	27♋28'19	1♋16	11♋23	29♊ 6	27♎12	6♋ 1	12♏ 0	5♎47	29♊55	29♉27	17°R31	18♓45	27♍ 6	n.a.	M 1
T 2	20 1 23	28°26'41	14°14	13° 0	0♋19	27°49	6°13	12° 0	5°49	29°57	29°28	17♓22	18°42	27°12	n.a.	T 2
W 3	20 5 19	29°25'06	26°57	14°40	1°32	28°26	6°26	12° 1	5°51	29°59	29°29	17°14	18°39	27°19	n.a.	W 3
T 4	20 9 16	0♌23'32	9♌27	16°23	2°45	29° 3	6°39	12° 1	5°53	0♋ 1	29°29	17° 7	18°36	27°26	n.a.	T 4
F 5	20 13 12	1°22'00	21°43	18° 9	3°58	29°41	6°51	12° 2	5°55	0° 3	29°30	17° 2	18°33	27°32	n.a.	F 5
S 6	20 17 9	2°20'30	3♍47	19°57	5°11	0♏18	7° 4	12° 3	5°57	0° 5	29°31	16°59	18°29	27°39	n.a.	S 6
S 7	20 21 5	3°19'01	15°42	21°47	6°25	0°56	7°16	12° 4	5°59	0° 7	29°32	16°D58	18°26	27°45	n.a.	S 7
M 8	20 25 2	4°17'35	27°31	23°38	7°38	1°34	7°29	12° 5	6° 2	0° 9	29°33	16°58	18°23	27°52	n.a.	M 8
T 9	20 28 58	5°16'10	9♎18	25°29	8°51	2°13	7°41	12° 6	6° 4	0°11	29°33	17° 0	18°20	27°59	n.a.	T 9
W10	20 32 55	6°14'48	21° 7	27°22	10° 5	2°51	7°54	12° 7	6° 6	0°13	29°34	17° 1	18°17	28° 5	n.a.	W10
T 11	20 36 52	7°13'27	3♏ 4	29°15	11°18	3°30	8° 6	12° 9	6° 8	0°14	29°35	17°R 2	18°14	28°12	n.a.	T 11
F 12	20 40 48	8°12'08	15°14	1♌ 8	12°31	4° 9	8°18	12°10	6°11	0°16	29°35	17° 2	18°10	28°19	n.a.	F 12
S 13	20 44 45	9°10'51	27°41	3° 1	13°45	4°48	8°30	12°11	6°13	0°18	29°36	17° 0	18° 7	28°25	n.a.	S 13
S 14	20 48 41	10° 9'35	10♐31	4°53	14°59	5°27	8°43	12°13	6°16	0°20	29°37	16°57	18° 4	28°32	n.a.	S 14
M15	20 52 38	11° 8'22	23°45	6°46	16°12	6° 6	8°55	12°15	6°18	0°22	29°37	16°53	18° 1	28°39	n.a.	M15
T 16	20 56 34	12° 7'11	7♑25	8°37	17°26	6°46	9° 7	12°17	6°21	0°24	29°38	16°47	17°58	28°45	n.a.	T 16
W17	21 0 31	13° 6'01	21°31	10°28	18°40	7°25	9°19	12°19	6°23	0°25	29°39	16°42	17°54	28°52	n.a.	W17
T 18	21 4 27	14° 4'54	5♒58	12°18	19°54	8° 5	9°31	12°21	6°26	0°27	29°39	16°37	17°51	28°59	n.a.	T 18
F 19	21 8 24	15° 3'48	20°41	14° 8	21° 7	8°45	9°43	12°23	6°29	0°29	29°40	16°34	17°48	29° 5	n.a.	F 19
S 20	21 12 21	16° 2'45	5♓32	15°57	22°21	9°25	9°54	12°25	6°31	0°30	29°40	16°32	17°45	29°12	n.a.	S 20
S 21	21 16 17	17° 1'44	20°24	17°45	23°35	10° 5	10° 6	12°27	6°34	0°32	29°41	16°D32	17°42	29°19	n.a.	S 21
M22	21 20 14	18° 0'45	5♈10	19°32	24°49	10°46	10°18	12°29	6°37	0°34	29°41	16°33	17°39	29°25	n.a.	M22
T 23	21 24 10	18°59'49	19°43	21°18	26° 3	11°26	10°30	12°32	6°39	0°35	29°42	16°34	17°35	29°32	n.a.	T 23
W24	21 28 7	19°58'55	4♉ 0	23° 3	27°18	12° 7	10°41	12°34	6°42	0°37	29°42	16°35	17°32	29°39	n.a.	W24
T 25	21 32 3	20°58'03	18° 0	24°47	28°32	12°47	10°53	12°37	6°45	0°39	29°42	16°R36	17°29	29°45	n.a.	T 25
F 26	21 36 0	21°57'15	1♊40	26°31	29°46	13°28	11° 4	12°40	6°48	0°40	29°43	16°36	17°26	29°52	n.a.	F 26
S 27	21 39 56	22°56'28	15° 3	28°14	1♌ 0	14° 9	11°16	12°43	6°51	0°42	29°43	16°34	17°23	29°58	n.a.	S 27
S 28	21 43 53	23°55'45	28°10	29°55	2°15	14°50	11°27	12°45	6°54	0°43	29°43	16°32	17°20	0♎ 5	n.a.	S 28
M29	21 47 49	24°55'03	11♋ 0	1♍36	3°29	15°32	11°38	12°48	6°57	0°45	29°44	16°29	17°16	0°12	n.a.	M29
T 30	21 51 46	25°54'24	23°38	3°16	4°44	16°13	11°49	12°52	7° 0	0°46	29°44	16°25	17°13	0°18	n.a.	T 30
W31	21 55 43	26♌53'47	6♌ 2	4♍56	5♌58	16♏55	12♋ 0	12♏55	7♎ 3	0♋47	29♉44	16♓22	17♓10	0♎25	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	21n 0	28n47	4n58	24n 7	0n48	23n45	0s 4	12s29	1s59	24n10	0n29	14s 4	1n42	1s47	0n36	23n30	0s20	17n 1	3s25	5s 0	4s31	0n29			n.a.
T 2	20 48	27 35	4 34	24 8	0 58	23 48	0 1	12 43	1 59	24 9	0 29	14 4	1 41	1 48	0 36	23 30	0 20	17 1	3 25	5 4	4 32	0 26			n.a.
W 3	20 36	24 58	3 57	24 7	1 7	23 51	0n 2	12 57	2 0	24 9	0 29	14 5	1 41	1 49	0 36	23 30	0 20	17 1	3 25	5 7	4 34	0 22			n.a.
T 4	20 23	21 12	3 9	24 3	1 15	23 52	0 5	13 11	2 0	24 8	0 29	14 5	1 41	1 50	0 36	23 30	0 20	17 2	3 25	5 10	4 35	0 19			n.a.
F 5	20 10	16 35	2 12	23 56	1 23	23 53	0 7	13 25	2 0	24 8	0 29	14 6	1 41	1 51	0 35	23 30	0 20	17 2	3 25	5 12	4 36	0 15			n.a.
S 6	19 57	11 22	1 11	23 47	1 29	23 53	0 10	13 38	2 1	24 7	0 29	14 6	1 41	1 52	0 35	23 30	0 20	17 2	3 25	5 13	4 37	0 12			n.a.
S 7	19 44	5 50	0 7	23 35	1 34	23 53	0 13	13 52	2 1	24 6	0 29	14 7	1 40	1 52	0 35	23 30	0 20	17 2	3 25	5 14	4 39	0 8			n.a.
M 8	19 30	0 8	0s57	23 21	1 39	23 52	0 16	14 6	2 1	24 6	0 30	14 7	1 40	1 53	0 35	23 30	0 20	17 2	3 25	5 13	4 40	0 5			n.a.
T 9	19 15	5s33	1 58	23 4	1 43	23 50	0 18	14 20	2 2	24 5	0 30	14 8	1 40	1 54	0 35	23 30	0 20	17 2	3 25	5 13	4 41	0 1			n.a.
W10	19 1	11 4	2 55	22 45	1 46	23 47	0 21	14 34	2 2	24 5	0 30	14 8	1 40	1 55	0 35	23 30	0 20	17 2	3 25	5 12	4 42	0s 2			n.a.
T 11	18 46	16 15	3 45	22 23	1 48	23 44	0 24	14 47	2 2	24 4	0 30	14 9	1 39	1 56	0 35	23 30	0 19	17 3	3 25	5 12	4 44	0 5			n.a.
F 12	18 30	20 53	4 25	22 0	1 49	23 40	0 26	15 1	2 3	24 3	0 30	14 10	1 39	1 57	0 35	23 30	0 19	17 3	3 25	5 12	4 45	0 9			n.a.
S 13	18 15	24 44	4 54	21 34	1 50	23 35	0 29	15 15	2 3	24 3	0 30	14 10	1 39	1 58	0 35	23 30	0 19	17 3	3 25	5 13	4 46	0 12			n.a.
S 14	17 59	27 29	5 10	21 7	1 50	23 29	0 32	15 28	2 3	24 2	0 30	14 11	1 39	1 59	0 35	23 30	0 19	17 3	3 25	5 14	4 47	0 16			n.a.
M15	17 43	28 49	5 9	20 38	1 49	23 23	0 34	15 42	2 3	24 1	0 30	14 12	1 39	2 0	0 35	23 30	0 19	17 3	3 25	5 16	4 49	0 19			n.a.
T 16	17 26	28 28	4 52	20 8	1 48	23 16	0 37	15 56	2 3	24 1	0 31	14 12	1 38	2 1	0 35	23 30	0 19	17 3	3 25	5 18	4 50	0 23			n.a.
W17	17 9	26 17	4 16	19 35	1 46	23 8	0 39	16 9	2 4	24 0	0 31	14 13	1 38	2 2	0 35	23 30	0 19	17 3	3 25	5 20	4 51	0 26			n.a.
T 18	16 52	22 22	3 24	19 2	1 44	23 0	0 41	16 22	2 4	23 59	0 31	14 14	1 38	2 3	0 35	23 30	0 19	17 3	3 25	5 22	4 52	0 30			n.a.
F 19	16 35	16 59	2 17	18 28	1 41	22 51	0 44	16 36	2 4	23 59	0 31	14 15	1 38	2 5	0 35	23 30	0 19	17 3	3 25	5 23	4 54	0 33			n.a.
S 20	16 17	10 33	1 0	17 52	1 38	22 41	0 46	16 49	2 4	23 58	0 31	14 16	1 37	2 6	0 35	23 30	0 19	17 4	3 25	5 24	4 55	0 37			n.a.
S 21	15 59	3 32	0n21	17 15	1 34	22 31	0 48	17 2	2 4	23 57	0 31	14 17	1 37	2 7	0 35	23 30	0 19	17 4	3 25	5 24	4 56	0 40			n.a.
M22	15 41	3n37	1 41	16 38	1 30	22 20	0 50	17 15	2 4	23 56	0 31	14 18	1 37	2 8	0 35	23 30	0 19	17 4	3 25	5 24	4 58	0 44			n.a.
T 23	15 22	10 29	2 52	15 59	1 26	22 8	0 52	17 28	2 4	23 56	0 32	14 19	1 37	2 9	0 35	23 30	0 19	17 4	3 26	5 23	4 59	0 47			n.a.
W24	15 3	16 41	3 52	15 20	1 22	21 56	0 55	17 41	2 4	23 55	0 32	14 20	1 37	2 10	0 35	23 30	0 19	17 4	3 26	5 23	5 0	0 51			n.a.
T 25	14 44	21 53	4 36	14 40	1 17	21 42	0 57	17 54	2 4	23 54	0 32	14 21	1 36	2 11	0 35	23 30	0 19	17 4	3 26	5 22	5 1	0 54			n.a.
F 26	14 25	25 47	5 4	14 0	1 12	21 29	0 59	18 6	2 4	23 53	0 32	14 22	1 36	2 13	0 35	23 30	0 19	17 4	3 26	5 22	5 3	0 58			n.a.
S 27	14 5	28 11	5 15	13 19	1 6	21 14	1 1	18 19	2 4	23 52	0 32	14 23	1 36	2 14	0 35	23 30	0 19	17 4	3 26	5 23	5 4	1 1			n.a.
S 28	13 45	28 57	5 8	12 37	1 1	20 59	1 2	18 31	2 4	23 51	0 32	14 24	1 36	2 15	0 35	23 30	0 19	17 4	3 26	5 24	5 5	1 5			n.a.
M29	13 25	28 7	4 47	11 56	0 55	20 44	1 4	18 44	2 4	23 51	0 33	14 25	1 35	2 16	0 35	23 30	0 19	17 4	3 26	5 25	5 6	1 8			n.a.
T 30	13 5	25 50	4 11	11 14	0 49	20 27	1 6	18 56	2 4	23 50	0 33	14 26	1 35	2 18	0 35	23 30	0 19	17 4	3 26	5 26	5 8	1 12			n.a.
W31	12n45	22n21	3n24	10n31	0n43	20n10	1n 8	19s 8	2s 4	23n49	0n33	14s27	1n35	2s19	0n35	23n30	0s19	17n 4	3s26	5s28	5s 9	1s15			n.a.

Julian Day Number = 1339218.5, Delta T = 07h17m17s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'17, Lahiri = -18°24'16 Julian Calendar 1 Aug. 1047 BCE == Greg. Calendar 22 July 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

SEPTEMBER 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 39	27♌53'13	18♌16	6♍34	7♌13	17♏36	12♋11	12♏58	7♎ 6	0♋49	29♉44	16°R20	17♓ 7	0♎32	n.a.	T 1
F 2	22 3 36	28°52'40	0♍20	8°12	8°27	18°18	12°22	13° 1	7° 9	0°50	29°45	16♓18	17° 4	0°38	n.a.	F 2
S 3	22 7 32	29°52'10	12°17	9°49	9°42	19° 0	12°33	13° 5	7°12	0°52	29°45	16°D17	17° 0	0°45	n.a.	S 3
S 4	22 11 29	0♍51'42	24° 7	11°25	10°56	19°42	12°44	13° 8	7°16	0°53	29°45	16°17	16°57	0°52	n.a.	S 4
M 5	22 15 25	1°51'16	5♎54	13° 1	12°11	20°24	12°55	13°12	7°19	0°54	29°45	16°18	16°54	0°58	n.a.	M 5
T 6	22 19 22	2°50'52	17°41	14°36	13°26	21° 6	13° 5	13°15	7°22	0°55	29°45	16°19	16°51	1° 5	n.a.	T 6
W 7	22 23 18	3°50'30	29°31	16°10	14°41	21°48	13°16	13°19	7°25	0°57	29°45	16°21	16°48	1°12	n.a.	W 7
T 8	22 27 15	4°50'10	11♏27	17°43	15°55	22°31	13°26	13°23	7°29	0°58	29°45	16°22	16°45	1°18	n.a.	T 8
F 9	22 31 12	5°49'52	23°35	19°16	17°10	23°13	13°36	13°27	7°32	0°59	29°45	16°22	16°41	1°25	n.a.	F 9
S 10	22 35 8	6°49'35	5♐59	20°48	18°25	23°56	13°47	13°31	7°35	1° 0	29°R45	16°R23	16°38	1°32	n.a.	S 10
S 11	22 39 5	7°49'21	18°43	22°20	19°40	24°39	13°57	13°35	7°39	1° 1	29°45	16°23	16°35	1°38	n.a.	S 11
M12	22 43 1	8°49'08	1♑52	23°50	20°55	25°21	14° 7	13°39	7°42	1° 2	29°45	16°22	16°32	1°45	n.a.	M12
T 13	22 46 58	9°48'58	15°26	25°21	22°10	26° 4	14°17	13°43	7°45	1° 3	29°45	16°21	16°29	1°52	n.a.	T 13
W14	22 50 54	10°48'49	29°29	26°50	23°25	26°47	14°26	13°48	7°49	1° 5	29°45	16°21	16°26	1°58	n.a.	W14
T 15	22 54 51	11°48'42	13♒57	28°19	24°40	27°30	14°36	13°52	7°52	1° 6	29°45	16°20	16°22	2° 5	n.a.	T 15
F 16	22 58 47	12°48'37	28°47	29°47	25°55	28°13	14°46	13°57	7°56	1° 6	29°45	16°20	16°19	2°11	n.a.	F 16
S 17	23 2 44	13°48'33	13♓51	1♎15	27°10	28°57	14°55	14° 1	7°59	1° 7	29°45	16°D20	16°16	2°18	n.a.	S 17
S 18	23 6 40	14°48'32	29° 2	2°41	28°25	29°40	15° 5	14° 6	8° 3	1° 8	29°45	16°20	16°13	2°25	n.a.	S 18
M19	23 10 37	15°48'33	14♈ 9	4° 7	29°41	0♐23	15°14	14°10	8° 6	1° 9	29°44	16°R20	16°10	2°31	n.a.	M19
T 20	23 14 34	16°48'36	29° 4	5°33	0♍56	1° 7	15°23	14°15	8°10	1°10	29°44	16°20	16° 6	2°38	n.a.	T 20
W21	23 18 30	17°48'41	13♉40	6°57	2°11	1°50	15°32	14°20	8°13	1°11	29°44	16°20	16° 3	2°45	n.a.	W21
T 22	23 22 27	18°48'49	27°52	8°21	3°26	2°34	15°41	14°25	8°17	1°12	29°44	16°19	16° 0	2°51	n.a.	T 22
F 23	23 26 23	19°48'59	11♊39	9°44	4°41	3°17	15°50	14°30	8°21	1°12	29°43	16°19	15°57	2°58	n.a.	F 23
S 24	23 30 20	20°49'11	25° 2	11° 6	5°57	4° 1	15°59	14°35	8°24	1°13	29°43	16°D19	15°54	3° 5	n.a.	S 24
S 25	23 34 16	21°49'26	8♋ 2	12°27	7°12	4°45	16° 7	14°40	8°28	1°14	29°43	16°19	15°51	3°11	n.a.	S 25
M26	23 38 13	22°49'43	20°42	13°47	8°27	5°28	16°16	14°45	8°32	1°14	29°42	16°20	15°47	3°18	n.a.	M26
T 27	23 42 9	23°50'01	3♌ 6	15° 6	9°43	6°12	16°24	14°50	8°35	1°15	29°42	16°21	15°44	3°25	n.a.	T 27
W28	23 46 6	24°50'22	15°16	16°24	10°58	6°56	16°33	14°55	8°39	1°16	29°42	16°22	15°41	3°31	n.a.	W28
T 29	23 50 3	25°50'45	27°18	17°40	12°14	7°40	16°41	15° 1	8°43	1°16	29°41	16°22	15°38	3°38	n.a.	T 29
F 30	23 53 59	26♍51'10	9♍12	18♎54	13♍29	8♐24	16♋49	15♏ 6	8♎46	1♋17	29♉41	16♓23	15♓35	3♎45	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n24	17n57	2n29	9n48	0n37	19n53	1n 9	19s20	2s 4	23n48	0n33	14s28	1n35	2s20	0n35	23n30	0s19	17n 4	3s26	5s29	5s10	1s18		n.a.
F 2	12 3	12 53	1 27	9 6	0 30	19 35	1 11	19 32	2 4	23 47	0 33	14 30	1 35	2 21	0 35	23 30	0 19	17 4	3 26	5 29	5 11	1 22		n.a.
S 3	11 42	7 24	0 22	8 23	0 24	19 16	1 12	19 44	2 4	23 46	0 33	14 31	1 34	2 23	0 35	23 30	0 19	17 4	3 26	5 30	5 13	1 25		n.a.
S 4	11 21	1 43	0s43	7 39	0 17	18 57	1 14	19 55	2 4	23 46	0 34	14 32	1 34	2 24	0 35	23 30	0 19	17 4	3 26	5 30	5 14	1 29		n.a.
M 5	10 59	4s 0	1 47	6 56	0 11	18 37	1 15	20 7	2 4	23 45	0 34	14 33	1 34	2 25	0 35	23 30	0 19	17 4	3 26	5 29	5 15	1 32		n.a.
T 6	10 37	9 35	2 45	6 13	0 4	18 17	1 16	20 18	2 4	23 44	0 34	14 35	1 34	2 27	0 35	23 30	0 19	17 4	3 26	5 29	5 16	1 36		n.a.
W 7	10 15	14 51	3 37	5 30	0s 3	17 56	1 18	20 30	2 3	23 43	0 34	14 36	1 34	2 28	0 35	23 30	0 19	17 4	3 26	5 28	5 18	1 39		n.a.
T 8	9 53	19 38	4 21	4 47	0 10	17 34	1 19	20 41	2 3	23 42	0 34	14 37	1 33	2 29	0 34	23 30	0 19	17 4	3 26	5 28	5 19	1 43		n.a.
F 9	9 31	23 41	4 53	4 3	0 17	17 12	1 20	20 51	2 3	23 41	0 34	14 39	1 33	2 31	0 34	23 30	0 19	17 4	3 26	5 28	5 20	1 46		n.a.
S 10	9 9	26 46	5 12	3 20	0 24	16 50	1 21	21 2	2 3	23 40	0 35	14 40	1 33	2 32	0 34	23 30	0 19	17 4	3 26	5 27	5 21	1 50		n.a.
S 11	8 46	28 36	5 17	2 37	0 31	16 27	1 22	21 13	2 3	23 39	0 35	14 42	1 33	2 33	0 34	23 30	0 19	17 4	3 26	5 28	5 23	1 53		n.a.
M12	8 23	28 55	5 6	1 55	0 38	16 4	1 23	21 23	2 3	23 38	0 35	14 43	1 33	2 35	0 34	23 30	0 19	17 4	3 26	5 28	5 24	1 57		n.a.
T 13	8 1	27 31	4 38	1 12	0 44	15 40	1 24	21 34	2 2	23 38	0 35	14 45	1 32	2 36	0 34	23 30	0 19	17 4	3 26	5 28	5 25	2 0		n.a.
W14	7 38	24 22	3 52	0 30	0 51	15 15	1 25	21 44	2 2	23 37	0 35	14 46	1 32	2 37	0 34	23 30	0 19	17 4	3 26	5 28	5 26	2 4		n.a.
T 15	7 15	19 37	2 51	0s12	0 58	14 51	1 25	21 54	2 2	23 36	0 35	14 48	1 32	2 39	0 34	23 30	0 19	17 4	3 26	5 29	5 28	2 7		n.a.
F 16	6 51	13 35	1 36	0 54	1 5	14 26	1 26	22 3	2 2	23 35	0 36	14 49	1 32	2 40	0 34	23 30	0 19	17 4	3 26	5 29	5 29	2 11		n.a.
S 17	6 28	6 40	0 14	1 36	1 12	14 0	1 27	22 13	2 1	23 34	0 36	14 51	1 32	2 42	0 34	23 30	0 19	17 4	3 26	5 29	5 30	2 14		n.a.
S 18	6 5	0n41	1n10	2 17	1 18	13 34	1 27	22 22	2 1	23 33	0 36	14 52	1 31	2 43	0 34	23 30	0 19	17 4	3 26	5 29	5 31	2 17		n.a.
M19	5 41	7 57	2 29	2 57	1 25	13 8	1 28	22 31	2 1	23 32	0 36	14 54	1 31	2 44	0 34	23 30	0 19	17 4	3 26	5 29	5 33	2 21		n.a.
T 20	5 17	14 40	3 36	3 38	1 31	12 41	1 28	22 40	2 0	23 31	0 36	14 55	1 31	2 46	0 34	23 30	0 19	17 4	3 26	5 29	5 34	2 24		n.a.
W21	4 54	20 26	4 28	4 18	1 38	12 14	1 28	22 49	2 0	23 30	0 37	14 57	1 31	2 47	0 34	23 30	0 19	17 4	3 26	5 29	5 35	2 28		n.a.
T 22	4 30	24 53	5 2	4 57	1 44	11 47	1 28	22 58	2 0	23 30	0 37	14 59	1 31	2 49	0 34	23 30	0 19	17 4	3 26	5 29	5 36	2 31		n.a.
F 23	4 6	27 46	5 17	5 36	1 50	11 19	1 29	23 6	1 59	23 29	0 37	15 0	1 31	2 50	0 34	23 30	0 19	17 3	3 26	5 29	5 38	2 35		n.a.
S 24	3 42	28 58	5 14	6 14	1 56	10 51	1 29	23 14	1 59	23 28	0 37	15 2	1 30	2 52	0 34	23 30	0 19	17 3	3 26	5 29	5 39	2 38		n.a.
S 25	3 18	28 29	4 55	6 51	2 1	10 22	1 29	23 22	1 59	23 27	0 37	15 4	1 30	2 53	0 34	23 30	0 19	17 3	3 26	5 29	5 40	2 42		n.a.
M26	2 53	26 31	4 23	7 28	2 7	9 54	1 29	23 30	1 58	23 26	0 38	15 5	1 30	2 55	0 34	23 30	0 19	17 3	3 26	5 29	5 41	2 45		n.a.
T 27	2 29	23 19	3 38	8 4	2 12	9 25	1 29	23 37	1 58	23 25	0 38	15 7	1 30	2 56	0 34	23 30	0 19	17 3	3 26	5 28	5 43	2 49		n.a.
W28	2 5	19 7	2 44	8 39	2 17	8 56	1 28	23 45	1 58	23 24	0 38	15 9	1 30	2 58	0 34	23 30	0 19	17 3	3 26	5 28	5 44	2 52		n.a.
T 29	1 41	14 14	1 44	9 13	2 22	8 26	1 28	23 52	1 57	23 24	0 38	15 10	1 30	2 59	0 34	23 30	0 19	17 3	3 26	5 28	5 45	2 55		n.a.
F 30	1n16	8n52	0n40	9s46	2s26	7n57	1n28	23s59	1s57	23n23	0n38	15s12	1n29	3s 1	0n34	23n30	0s19	17n 3	3s26	5s27	5s46	2s59		n.a.

Julian Day Number = 1339249.5, Delta T = 07h17m15s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'12, Lahiri = -18°24'12 Julian Calendar 1 Sept. 1047 BCE == Greg. Calendar 22 Aug. 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

OCTOBER 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 57 56	27♍51'36	21♍ 2	20♎ 7	14♍44	9♐ 9	16♋57	15♏12	8♎50	1♋17	29°R40	16°R23	15♓31	3♎51	n.a.	S 1
S 2	0 1 52	28°52'05	2♎49	21°19	16° 0	9°53	17° 4	15°17	8°54	1°18	29♉40	16♓22	15°28	3°58	n.a.	S 2
M 3	0 5 49	29°52'35	14°37	22°28	17°15	10°37	17°12	15°23	8°57	1°18	29°39	16°21	15°25	4° 5	n.a.	M 3
T 4	0 9 45	0♎53'07	26°27	23°34	18°31	11°21	17°19	15°28	9° 1	1°18	29°39	16°19	15°22	4°11	n.a.	T 4
W 5	0 13 42	1°53'41	8♏21	24°38	19°46	12° 6	17°27	15°34	9° 5	1°19	29°38	16°17	15°19	4°18	n.a.	W 5
T 6	0 17 38	2°54'16	20°22	25°40	21° 2	12°50	17°34	15°40	9° 9	1°19	29°38	16°14	15°16	4°24	n.a.	T 6
F 7	0 21 35	3°54'53	2♐33	26°37	22°18	13°35	17°41	15°45	9°12	1°19	29°37	16°12	15°12	4°31	n.a.	F 7
S 8	0 25 31	4°55'31	14°57	27°31	23°33	14°19	17°48	15°51	9°16	1°19	29°36	16°10	15° 9	4°38	n.a.	S 8
S 9	0 29 28	5°56'10	27°37	28°21	24°49	15° 4	17°54	15°57	9°20	1°20	29°36	16° 8	15° 6	4°44	n.a.	S 9
M10	0 33 25	6°56'51	10♑38	29° 6	26° 4	15°48	18° 1	16° 3	9°23	1°20	29°35	16°D 8	15° 3	4°51	n.a.	M10
T 11	0 37 21	7°57'33	24° 2	29°46	27°20	16°33	18° 7	16° 9	9°27	1°20	29°34	16° 9	15° 0	4°58	n.a.	T 11
W12	0 41 18	8°58'17	7♒51	0♏19	28°35	17°17	18°14	16°15	9°31	1°20	29°34	16°10	14°57	5° 4	n.a.	W12
T 13	0 45 14	9°59'01	22° 6	0°46	29°51	18° 2	18°20	16°21	9°35	1°20	29°33	16°12	14°53	5°11	n.a.	T 13
F 14	0 49 11	10°59'47	6♓46	1° 6	1♎ 6	18°47	18°26	16°27	9°38	1°R20	29°32	16°13	14°50	5°18	n.a.	F 14
S 15	0 53 7	12° 0'34	21°46	1°17	2°22	19°32	18°32	16°33	9°42	1°20	29°31	16°R13	14°47	5°24	n.a.	S 15
S 16	0 57 4	13° 1'22	6♈58	1°R19	3°38	20°16	18°37	16°40	9°46	1°20	29°31	16°12	14°44	5°31	n.a.	S 16
M17	1 1 0	14° 2'12	22°14	1°12	4°53	21° 1	18°43	16°46	9°50	1°20	29°30	16° 9	14°41	5°38	n.a.	M17
T 18	1 4 57	15° 3'03	7♉22	0°54	6° 9	21°46	18°48	16°52	9°53	1°20	29°29	16° 5	14°37	5°44	n.a.	T 18
W19	1 8 54	16° 3'55	22°14	0°26	7°25	22°31	18°53	16°59	9°57	1°20	29°28	16° 1	14°34	5°51	n.a.	W19
T 20	1 12 50	17° 4'50	6♊42	29♎47	8°40	23°16	18°58	17° 5	10° 1	1°20	29°27	15°56	14°31	5°58	n.a.	T 20
F 21	1 16 47	18° 5'45	20°42	28°57	9°56	24° 1	19° 3	17°11	10° 5	1°19	29°26	15°53	14°28	6° 4	n.a.	F 21
S 22	1 20 43	19° 6'43	4♋12	27°57	11°11	24°46	19° 8	17°18	10° 8	1°19	29°25	15°50	14°25	6°11	n.a.	S 22
S 23	1 24 40	20° 7'41	17°15	26°49	12°27	25°31	19°12	17°24	10°12	1°19	29°25	15°D49	14°22	6°18	n.a.	S 23
M24	1 28 36	21° 8'41	29°54	25°33	13°43	26°16	19°17	17°31	10°16	1°19	29°24	15°49	14°18	6°24	n.a.	M24
T 25	1 32 33	22° 9'43	12♌14	24°13	14°58	27° 1	19°21	17°37	10°20	1°18	29°23	15°51	14°15	6°31	n.a.	T 25
W26	1 36 30	23°10'46	24°18	22°51	16°14	27°46	19°25	17°44	10°23	1°18	29°22	15°52	14°12	6°38	n.a.	W26
T 27	1 40 26	24°11'50	6♍12	21°29	17°30	28°31	19°29	17°51	10°27	1°17	29°21	15°54	14° 9	6°44	n.a.	T 27
F 28	1 44 23	25°12'55	18° 1	20°10	18°45	29°16	19°32	17°57	10°31	1°17	29°20	15°R54	14° 6	6°51	n.a.	F 28
S 29	1 48 19	26°14'02	29°47	18°57	20° 1	0♑ 1	19°36	18° 4	10°34	1°16	29°19	15°53	14° 3	6°58	n.a.	S 29
S 30	1 52 16	27°15'09	11♎35	17°53	21°17	0°46	19°39	18°11	10°38	1°16	29°18	15°50	13°59	7° 4	n.a.	S 30
M31	1 56 12	28♎16'18	23♎26	16♎58	22♎32	1♑31	19♋42	18♏17	10♎42	1♋15	29♉17	15♓45	13♓56	7♎11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n52	3n13	0s26	10s18	2s30	7n27	1n28	24s 5	1s56	23n22	0n39	15s14	1n29	3s 2	0n34	23n30	0s19	17n 3	3s26	5s27	5s48	3s 2		n.a.
S 2	0 27	2s31	1 30	10 48	2 34	6 57	1 27	24 12	1 56	23 21	0 39	15 16	1 29	3 4	0 34	23 30	0 19	17 3	3 26	5 28	5 49	3 6		n.a.
M 3	0 3	8 9	2 30	11 18	2 37	6 26	1 27	24 18	1 55	23 20	0 39	15 17	1 29	3 5	0 34	23 30	0 19	17 2	3 26	5 28	5 50	3 9		n.a.
T 4	0s21	13 31	3 24	11 45	2 39	5 56	1 26	24 24	1 55	23 20	0 39	15 19	1 29	3 7	0 34	23 30	0 19	17 2	3 26	5 29	5 51	3 13		n.a.
W 5	0 46	18 26	4 9	12 12	2 42	5 25	1 25	24 30	1 55	23 19	0 39	15 21	1 29	3 8	0 34	23 30	0 19	17 2	3 26	5 30	5 53	3 16		n.a.
T 6	1 10	22 41	4 44	12 36	2 43	4 54	1 25	24 35	1 54	23 18	0 40	15 23	1 28	3 10	0 34	23 30	0 19	17 2	3 26	5 31	5 54	3 20		n.a.
F 7	1 35	26 1	5 7	12 58	2 44	4 23	1 24	24 40	1 54	23 18	0 40	15 25	1 28	3 11	0 34	23 30	0 19	17 2	3 26	5 32	5 55	3 23		n.a.
S 8	1 59	28 11	5 16	13 18	2 44	3 52	1 23	24 45	1 53	23 17	0 40	15 27	1 28	3 13	0 34	23 30	0 19	17 2	3 27	5 33	5 56	3 27		n.a.
S 9	2 24	28 57	5 9	13 36	2 44	3 21	1 22	24 50	1 53	23 16	0 40	15 28	1 28	3 14	0 34	23 30	0 19	17 2	3 27	5 33	5 58	3 30		n.a.
M10	2 48	28 10	4 47	13 51	2 42	2 50	1 21	24 55	1 52	23 15	0 41	15 30	1 28	3 16	0 34	23 30	0 19	17 1	3 27	5 33	5 59	3 33		n.a.
T 11	3 12	25 44	4 9	14 3	2 40	2 18	1 20	24 59	1 52	23 15	0 41	15 32	1 28	3 17	0 34	23 30	0 19	17 1	3 27	5 33	6 0	3 37		n.a.
W12	3 37	21 45	3 16	14 12	2 36	1 47	1 19	25 3	1 51	23 14	0 41	15 34	1 28	3 19	0 34	23 30	0 19	17 1	3 27	5 32	6 1	3 40		n.a.
T 13	4 1	16 24	2 9	14 17	2 32	1 15	1 18	25 7	1 51	23 14	0 41	15 36	1 27	3 20	0 34	23 30	0 19	17 1	3 27	5 32	6 3	3 44		n.a.
F 14	4 25	9 58	0 52	14 19	2 26	0 44	1 17	25 10	1 50	23 13	0 41	15 38	1 27	3 22	0 34	23 30	0 19	17 1	3 27	5 31	6 4	3 47		n.a.
S 15	4 49	2 51	0n30	14 16	2 19	0 12	1 16	25 13	1 49	23 12	0 42	15 40	1 27	3 23	0 34	23 30	0 19	17 1	3 27	5 31	6 5	3 51		n.a.
S 16	5 13	4n31	1 52	14 9	2 10	0s20	1 14	25 16	1 49	23 12	0 42	15 42	1 27	3 25	0 34	23 30	0 19	17 0	3 27	5 32	6 6	3 54		n.a.
M17	5 37	11 39	3 5	13 56	1 59	0 51	1 13	25 19	1 48	23 11	0 42	15 44	1 27	3 26	0 34	23 30	0 19	17 0	3 27	5 33	6 8	3 58		n.a.
T 18	6 1	18 2	4 5	13 39	1 47	1 23	1 12	25 21	1 48	23 11	0 42	15 46	1 27	3 28	0 34	23 30	0 19	17 0	3 27	5 34	6 9	4 1		n.a.
W19	6 25	23 14	4 47	13 16	1 34	1 55	1 10	25 23	1 47	23 10	0 43	15 47	1 27	3 29	0 34	23 30	0 19	17 0	3 27	5 36	6 10	4 4		n.a.
T 20	6 49	26 51	5 9	12 47	1 18	2 26	1 9	25 25	1 47	23 10	0 43	15 49	1 27	3 31	0 34	23 30	0 19	17 0	3 27	5 38	6 11	4 8		n.a.
F 21	7 12	28 40	5 12	12 14	1 1	2 58	1 7	25 27	1 46	23 9	0 43	15 51	1 26	3 32	0 34	23 30	0 19	17 0	3 27	5 39	6 13	4 11		n.a.
S 22	7 36	28 42	4 57	11 35	0 43	3 30	1 6	25 28	1 45	23 9	0 43	15 53	1 26	3 34	0 34	23 30	0 19	16 59	3 27	5 40	6 14	4 15		n.a.
S 23	7 59	27 6	4 27	10 52	0 23	4 1	1 4	25 29	1 45	23 8	0 44	15 55	1 26	3 35	0 34	23 30	0 19	16 59	3 27	5 41	6 15	4 18		n.a.
M24	8 23	24 9	3 45	10 5	0 3	4 32	1 2	25 30	1 44	23 8	0 44	15 57	1 26	3 36	0 34	23 30	0 19	16 59	3 27	5 41	6 16	4 22		n.a.
T 25	8 46	20 10	2 54	9 16	0n18	5 4	1 1	25 31	1 44	23 8	0 44	15 59	1 26	3 38	0 34	23 30	0 19	16 59	3 27	5 40	6 18	4 25		n.a.
W26	9 9	15 26	1 55	8 26	0 38	5 35	0 59	25 31	1 43	23 7	0 44	16 1	1 26	3 39	0 34	23 30	0 19	16 59	3 27	5 39	6 19	4 28		n.a.
T 27	9 32	10 12	0 53	7 37	0 58	6 6	0 57	25 31	1 42	23 7	0 45	16 3	1 26	3 41	0 34	23 30	0 19	16 58	3 27	5 39	6 20	4 32		n.a.
F 28	9 54	4 38	0s11	6 49	1 17	6 37	0 55	25 31	1 42	23 7	0 45	16 5	1 26	3 42	0 34	23 30	0 19	16 58	3 27	5 39	6 21	4 35		n.a.
S 29	10 17	1s 3	1 15	6 6	1 34	7 8	0 53	25 30	1 41	23 7	0 45	16 7	1 25	3 44	0 34	23 30	0 19	16 58	3 27	5 39	6 23	4 39		n.a.
S 30	10 39	6 43	2 15	5 26	1 50	7 38	0 51	25 30	1 40	23 6	0 45	16 9	1 25	3 45	0 34	23 30	0 19	16 58	3 27	5 40	6 24	4 42		n.a.
M31	11s 2	12s10	3s 9	4s53	2n 3	8s 9	0n49	25s29	1s40	23n 6	0n46	16s11	1n25	3s47	0n34	23n30	0s19	16n58	3s26	5s43	6s25	4s45		n.a.

Julian Day Number = 1339279.5, Delta T = 07h17m14s
Ecliptic obliquity = 23°49'21, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'08, Lahiri = -18°24'08 Julian Calendar 1 Oct. 1047 BCE == Greg. Calendar 21 Sept. 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

NOVEMBER 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 9	29♎17'27	5♏23	16°R13	23♎48	2♑16	19♋45	18♏24	10♎45	1°R15	29°R16	15°R37	13♓53	7♎18	n.a.	T 1
W 2	2 4 5	0♏18'37	17°26	15♎40	25° 4	3° 2	19°48	18°31	10°49	1♋14	29♉15	15♓29	13°50	7°24	n.a.	W 2
T 3	2 8 2	1°19'48	29°38	15°18	26°19	3°47	19°50	18°38	10°52	1°14	29°14	15°19	13°47	7°31	n.a.	T 3
F 4	2 11 59	2°21'00	11♐59	15° 8	27°35	4°32	19°52	18°44	10°56	1°13	29°13	15°11	13°43	7°38	n.a.	F 4
S 5	2 15 55	3°22'13	24°32	15°D 8	28°51	5°17	19°55	18°51	10°59	1°12	29°11	15° 3	13°40	7°44	n.a.	S 5
S 6	2 19 52	4°23'25	7♑17	15°17	0♏ 6	6° 2	19°57	18°58	11° 3	1°11	29°10	14°57	13°37	7°51	n.a.	S 6
M 7	2 23 48	5°24'39	20°17	15°36	1°22	6°47	19°58	19° 5	11° 7	1°11	29° 9	14°54	13°34	7°57	n.a.	M 7
T 8	2 27 45	6°25'52	3♒35	16° 3	2°37	7°33	20° 0	19°12	11°10	1°10	29° 8	14°D53	13°31	8° 4	n.a.	T 8
W 9	2 31 41	7°27'06	17°12	16°38	3°53	8°18	20° 1	19°19	11°13	1° 9	29° 7	14°53	13°28	8°11	n.a.	W 9
T 10	2 35 38	8°28'20	1♓10	17°19	5° 9	9° 3	20° 2	19°26	11°17	1° 8	29° 6	14°54	13°24	8°17	n.a.	T 10
F 11	2 39 34	9°29'34	15°31	18° 6	6°24	9°48	20° 3	19°33	11°20	1° 7	29° 5	14°R54	13°21	8°24	n.a.	F 11
S 12	2 43 31	10°30'48	0♈11	18°58	7°40	10°33	20° 4	19°40	11°24	1° 6	29° 3	14°53	13°18	8°31	n.a.	S 12
S 13	2 47 28	11°32'03	15° 7	19°54	8°55	11°19	20° 5	19°47	11°27	1° 5	29° 2	14°50	13°15	8°37	n.a.	S 13
M14	2 51 24	12°33'18	0♉11	20°55	10°11	12° 4	20° 5	19°54	11°31	1° 4	29° 1	14°44	13°12	8°44	n.a.	M14
T 15	2 55 21	13°34'33	15°15	21°59	11°27	12°49	20° 5	20° 1	11°34	1° 3	29° 0	14°36	13° 8	8°51	n.a.	T 15
W16	2 59 17	14°35'48	0♊ 8	23° 7	12°42	13°34	20°R 5	20° 8	11°37	1° 2	28°59	14°26	13° 5	8°57	n.a.	W16
T 17	3 3 14	15°37'04	14°41	24°17	13°58	14°19	20° 5	20°15	11°40	1° 1	28°58	14°16	13° 2	9° 4	n.a.	T 17
F 18	3 7 10	16°38'20	28°49	25°29	15°13	15° 5	20° 5	20°22	11°44	1° 0	28°56	14° 7	12°59	9°11	n.a.	F 18
S 19	3 11 7	17°39'37	12♋29	26°43	16°29	15°50	20° 4	20°29	11°47	0°59	28°55	14° 0	12°56	9°17	n.a.	S 19
S 20	3 15 4	18°40'54	25°39	28° 0	17°44	16°35	20° 4	20°36	11°50	0°58	28°54	13°55	12°53	9°24	n.a.	S 20
M21	3 19 0	19°42'11	8♌23	29°18	19° 0	17°20	20° 3	20°43	11°53	0°57	28°53	13°52	12°49	9°31	n.a.	M21
T 22	3 22 57	20°43'29	20°44	0♏37	20°15	18° 5	20° 2	20°50	11°56	0°56	28°51	13°D51	12°46	9°37	n.a.	T 22
W23	3 26 53	21°44'47	2♍49	1°58	21°31	18°50	20° 0	20°57	12° 0	0°55	28°50	13°52	12°43	9°44	n.a.	W23
T 24	3 30 50	22°46'05	14°43	3°20	22°46	19°35	19°59	21° 4	12° 3	0°53	28°49	13°R52	12°40	9°51	n.a.	T 24
F 25	3 34 46	23°47'23	26°30	4°43	24° 2	20°20	19°57	21°11	12° 6	0°52	28°48	13°51	12°37	9°57	n.a.	F 25
S 26	3 38 43	24°48'41	8♎16	6° 7	25°17	21° 6	19°55	21°18	12° 9	0°51	28°47	13°48	12°34	10° 4	n.a.	S 26
S 27	3 42 39	25°49'59	20° 6	7°32	26°33	21°51	19°53	21°25	12°12	0°49	28°45	13°43	12°30	10°11	n.a.	S 27
M28	3 46 36	26°51'18	2♏ 2	8°57	27°48	22°36	19°51	21°32	12°15	0°48	28°44	13°34	12°27	10°17	n.a.	M28
T 29	3 50 33	27°52'36	14° 7	10°23	29° 4	23°21	19°48	21°39	12°18	0°47	28°43	13°23	12°24	10°24	n.a.	T 29
W30	3 54 29	28♏53'54	26♏23	11♏50	0♐19	24♑ 6	19♋45	21♏46	12♎20	0♋45	28♉42	13♓ 9	12♓21	10♎31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s24	17s13	3s56	4s25	2n14	8s39	0n47	25s27	1s39	23n 6	0n46	16s13	1n25	3s48	0n34	23n30	0s19	16n57	3s26	5s45	6s26	4s49		n.a.
W 2	11 46	21 39	4 32	4 4	2 24	9 9	0 45	25 26	1 38	23 6	0 46	16 15	1 25	3 50	0 34	23 30	0 19	16 57	3 26	5 49	6 28	4 52		n.a.
T 3	12 7	25 12	4 56	3 48	2 31	9 39	0 43	25 24	1 38	23 6	0 46	16 17	1 25	3 51	0 34	23 30	0 19	16 57	3 26	5 52	6 29	4 56		n.a.
F 4	12 29	27 39	5 7	3 39	2 36	10 8	0 41	25 22	1 37	23 6	0 47	16 19	1 25	3 52	0 34	23 30	0 19	16 57	3 26	5 56	6 30	4 59		n.a.
S 5	12 50	28 45	5 3	3 36	2 40	10 38	0 39	25 19	1 36	23 5	0 47	16 21	1 25	3 54	0 34	23 30	0 19	16 56	3 26	5 59	6 31	5 3		n.a.
S 6	13 11	28 21	4 45	3 38	2 42	11 7	0 37	25 17	1 36	23 5	0 47	16 23	1 25	3 55	0 34	23 30	0 19	16 56	3 26	6 1	6 32	5 6		n.a.
M 7	13 32	26 24	4 11	3 45	2 43	11 36	0 35	25 14	1 35	23 5	0 47	16 25	1 25	3 57	0 34	23 30	0 19	16 56	3 26	6 2	6 34	5 9		n.a.
T 8	13 53	22 57	3 23	3 56	2 42	12 4	0 32	25 10	1 34	23 5	0 48	16 27	1 24	3 58	0 34	23 30	0 19	16 56	3 26	6 3	6 35	5 13		n.a.
W 9	14 13	18 12	2 23	4 11	2 40	12 32	0 30	25 7	1 34	23 5	0 48	16 29	1 24	3 59	0 34	23 30	0 19	16 56	3 26	6 3	6 36	5 16		n.a.
T 10	14 33	12 22	1 13	4 29	2 38	13 0	0 28	25 3	1 33	23 6	0 48	16 31	1 24	4 1	0 34	23 30	0 19	16 55	3 26	6 2	6 37	5 20		n.a.
F 11	14 53	5 45	0n 3	4 50	2 34	13 28	0 26	24 59	1 32	23 6	0 48	16 33	1 24	4 2	0 34	23 30	0 19	16 55	3 26	6 2	6 39	5 23		n.a.
S 12	15 13	1n19	1 21	5 14	2 30	13 55	0 23	24 55	1 31	23 6	0 49	16 35	1 24	4 3	0 34	23 30	0 19	16 55	3 26	6 3	6 40	5 26		n.a.
S 13	15 32	8 25	2 34	5 40	2 25	14 22	0 21	24 50	1 31	23 6	0 49	16 37	1 24	4 5	0 34	23 30	0 19	16 55	3 26	6 4	6 41	5 30		n.a.
M14	15 51	15 6	3 38	6 8	2 20	14 49	0 19	24 46	1 30	23 6	0 49	16 39	1 24	4 6	0 34	23 30	0 19	16 54	3 26	6 6	6 42	5 33		n.a.
T 15	16 10	20 53	4 26	6 38	2 14	15 15	0 16	24 40	1 29	23 6	0 49	16 41	1 24	4 7	0 34	23 30	0 19	16 54	3 26	6 9	6 44	5 37		n.a.
W16	16 28	25 18	4 55	7 9	2 8	15 40	0 14	24 35	1 29	23 7	0 50	16 43	1 24	4 9	0 34	23 30	0 19	16 54	3 26	6 13	6 45	5 40		n.a.
T 17	16 47	27 58	5 4	7 41	2 1	16 6	0 12	24 30	1 28	23 7	0 50	16 45	1 24	4 10	0 34	23 30	0 19	16 54	3 26	6 17	6 46	5 43		n.a.
F 18	17 5	28 43	4 54	8 14	1 54	16 31	0 9	24 24	1 27	23 7	0 50	16 47	1 24	4 11	0 34	23 30	0 19	16 54	3 26	6 21	6 47	5 47		n.a.
S 19	17 22	27 40	4 28	8 48	1 48	16 55	0 7	24 18	1 26	23 8	0 51	16 49	1 24	4 13	0 34	23 30	0 19	16 53	3 26	6 24	6 49	5 50		n.a.
S 20	17 40	25 5	3 48	9 22	1 40	17 19	0 5	24 11	1 26	23 8	0 51	16 51	1 24	4 14	0 34	23 30	0 19	16 53	3 26	6 26	6 50	5 54		n.a.
M21	17 57	21 18	2 57	9 57	1 33	17 43	0 2	24 5	1 25	23 8	0 51	16 53	1 24	4 15	0 34	23 30	0 19	16 53	3 26	6 27	6 51	5 57		n.a.
T 22	18 13	16 42	2 0	10 32	1 26	18 6	0s 0	23 58	1 24	23 9	0 51	16 55	1 23	4 16	0 34	23 30	0 19	16 53	3 26	6 27	6 52	6 0		n.a.
W23	18 30	11 32	0 59	11 7	1 18	18 28	0 2	23 51	1 23	23 9	0 52	16 56	1 23	4 18	0 34	23 30	0 19	16 52	3 26	6 27	6 53	6 4		n.a.
T 24	18 46	6 3	0s 4	11 43	1 11	18 50	0 5	23 44	1 23	23 10	0 52	16 58	1 23	4 19	0 34	23 30	0 19	16 52	3 26	6 27	6 55	6 7		n.a.
F 25	19 1	0 24	1 7	12 18	1 3	19 12	0 7	23 36	1 22	23 10	0 52	17 0	1 23	4 20	0 34	23 30	0 19	16 52	3 26	6 27	6 56	6 11		n.a.
S 26	19 16	5s15	2 6	12 54	0 56	19 33	0 9	23 28	1 21	23 11	0 52	17 2	1 23	4 21	0 34	23 30	0 19	16 52	3 26	6 28	6 57	6 14		n.a.
S 27	19 31	10 45	3 0	13 29	0 48	19 53	0 12	23 20	1 20	23 11	0 53	17 4	1 23	4 22	0 34	23 30	0 19	16 52	3 26	6 30	6 58	6 17		n.a.
M28	19 46	15 54	3 46	14 4	0 41	20 13	0 14	23 12	1 20	23 12	0 53	17 6	1 23	4 23	0 34	23 30	0 19	16 51	3 26	6 34	7 0	6 21		n.a.
T 29	20 0	20 30	4 23	14 39	0 33	20 32	0 16	23 4	1 19	23 13	0 53	17 8	1 23	4 25	0 34	23 30	0 19	16 51	3 25	6 38	7 1	6 24		n.a.
W30	20s14	24s19	4s48	15s13	0n26	20s51	0s19	22s55	1s18	23n13	0n53	17s10	1n23	4s26	0n34	23n30	0s19	16n51	3s25	6s43	7s 2	6s27		n.a.

Julian Day Number = 1339310.5, Delta T = 07h17m12s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'04, Lahiri = -18°24'04 Julian Calendar 1 Nov. 1047 BCE == Greg. Calendar 22 Oct. 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1047 BCE
geocentric

DECEMBER 1047 BCE (-1046) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 26	29♏55'12	8♐50	13♏18	1♐35	24♑51	19°R42	21♏53	12♎23	0°R44	28°R40	12°R55	12♓18	10♎37	n.a.	T 1
F 2	4 2 22	0♐56'29	21°29	14°46	2°50	25°36	19♋39	22° 0	12°26	0♋43	28♉39	12♓41	12°14	10°44	n.a.	F 2
S 3	4 6 19	1°57'46	4♑19	16°15	4° 6	26°21	19°36	22° 7	12°29	0°41	28°38	12°29	12°11	10°51	n.a.	S 3
S 4	4 10 15	2°59'03	17°20	17°44	5°21	27° 6	19°33	22°14	12°32	0°40	28°37	12°20	12° 8	10°57	n.a.	S 4
M 5	4 14 12	4° 0'19	0♒32	19°14	6°37	27°51	19°29	22°21	12°34	0°38	28°35	12°13	12° 5	11° 4	n.a.	M 5
T 6	4 18 9	5° 1'33	13°55	20°44	7°52	28°36	19°25	22°28	12°37	0°37	28°34	12° 9	12° 2	11°11	n.a.	T 6
W 7	4 22 5	6° 2'47	27°31	22°15	9° 7	29°21	19°21	22°35	12°40	0°35	28°33	12° 8	11°59	11°17	n.a.	W 7
T 8	4 26 2	7° 4'01	11♓22	23°47	10°23	0♒ 5	19°17	22°42	12°42	0°34	28°32	12° 8	11°55	11°24	n.a.	T 8
F 9	4 29 58	8° 5'13	25°26	25°18	11°38	0°50	19°13	22°49	12°45	0°32	28°30	12° 8	11°52	11°31	n.a.	F 9
S 10	4 33 55	9° 6'24	9♈45	26°51	12°53	1°35	19° 8	22°56	12°47	0°31	28°29	12° 6	11°49	11°37	n.a.	S 10
S 11	4 37 51	10° 7'34	24°17	28°24	14° 9	2°20	19° 4	23° 2	12°50	0°29	28°28	12° 1	11°46	11°44	n.a.	S 11
M12	4 41 48	11° 8'43	8♉56	29°57	15°24	3° 5	18°59	23° 9	12°52	0°28	28°27	11°54	11°43	11°51	n.a.	M12
T 13	4 45 44	12° 9'51	23°37	1♐31	16°39	3°49	18°54	23°16	12°54	0°26	28°26	11°44	11°40	11°57	n.a.	T 13
W14	4 49 41	13°10'59	8♊12	3° 5	17°55	4°34	18°49	23°23	12°57	0°25	28°24	11°32	11°36	12° 4	n.a.	W14
T 15	4 53 38	14°12'05	22°34	4°40	19°10	5°19	18°43	23°30	12°59	0°23	28°23	11°19	11°33	12°11	n.a.	T 15
F 16	4 57 34	15°13'11	6♋37	6°16	20°25	6° 4	18°38	23°36	13° 1	0°21	28°22	11° 7	11°30	12°17	n.a.	F 16
S 17	5 1 31	16°14'16	20°15	7°52	21°40	6°48	18°32	23°43	13° 4	0°20	28°21	10°57	11°27	12°24	n.a.	S 17
S 18	5 5 27	17°15'20	3♌27	9°29	22°56	7°33	18°27	23°50	13° 6	0°18	28°20	10°50	11°24	12°31	n.a.	S 18
M19	5 9 24	18°16'23	16°15	11° 6	24°11	8°17	18°21	23°56	13° 8	0°16	28°18	10°46	11°20	12°37	n.a.	M19
T 20	5 13 20	19°17'26	28°40	12°44	25°26	9° 2	18°15	24° 3	13°10	0°15	28°17	10°44	11°17	12°44	n.a.	T 20
W21	5 17 17	20°18'27	10♍48	14°23	26°41	9°47	18° 8	24° 9	13°12	0°13	28°16	10°D43	11°14	12°51	n.a.	W21
T 22	5 21 14	21°19'28	22°44	16° 2	27°56	10°31	18° 2	24°16	13°14	0°12	28°15	10°R43	11°11	12°57	n.a.	T 22
F 23	5 25 10	22°20'27	4♎33	17°42	29°12	11°15	17°56	24°23	13°16	0°10	28°14	10°43	11° 8	13° 4	n.a.	F 23
S 24	5 29 7	23°21'26	16°21	19°22	0♑27	12° 0	17°49	24°29	13°18	0° 8	28°13	10°40	11° 5	13°11	n.a.	S 24
S 25	5 33 3	24°22'24	28°13	21° 4	1°42	12°44	17°43	24°35	13°19	0° 6	28°12	10°36	11° 1	13°17	n.a.	S 25
M26	5 37 0	25°23'21	10♏13	22°46	2°57	13°29	17°36	24°42	13°21	0° 5	28°11	10°28	10°58	13°24	n.a.	M26
T 27	5 40 56	26°24'17	22°26	24°28	4°12	14°13	17°29	24°48	13°23	0° 3	28° 9	10°18	10°55	13°31	n.a.	T 27
W28	5 44 53	27°25'11	4♐53	26°12	5°27	14°57	17°22	24°55	13°25	0° 1	28° 8	10° 6	10°52	13°37	n.a.	W28
T 29	5 48 49	28°26'05	17°35	27°56	6°42	15°42	17°15	25° 1	13°26	29♊59	28° 7	9°53	10°49	13°44	n.a.	T 29
F 30	5 52 46	29°26'57	0♑32	29°41	7°57	16°26	17° 8	25° 7	13°28	29°58	28° 6	9°40	10°46	13°51	n.a.	F 30
S 31	5 56 43	0♑27'48	13♑44	1♑26	9♑13	17♒10	17♋ 0	25♏13	13♎29	29♊56	28♉ 5	9♓28	10♓42	13♎57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s27	27s 3	4s59	15s47	0n18	21s 9	0s21	22s46	1s17	23n14	0n54	17s12	1n23	4s27	0n34	23n30	0s19	16n51	3s25	6s49	7s 3	6s31			n.a.
F 2	20 40	28 29	4 57	16 21	0 11	21 27	0 23	22 37	1 16	23 15	0 54	17 13	1 23	4 28	0 34	23 30	0 19	16 50	3 25	6 54	7 5	6 34			n.a.
S 3	20 53	28 24	4 39	16 54	0 4	21 43	0 26	22 27	1 16	23 15	0 54	17 15	1 23	4 29	0 34	23 30	0 19	16 50	3 25	6 59	7 6	6 38			n.a.
S 4	21 5	26 45	4 7	17 27	0s 3	22 0	0 28	22 18	1 15	23 16	0 54	17 17	1 23	4 30	0 34	23 30	0 19	16 50	3 25	7 3	7 7	6 41			n.a.
M 5	21 17	23 37	3 21	17 59	0 10	22 15	0 30	22 8	1 14	23 17	0 55	17 19	1 23	4 31	0 34	23 30	0 19	16 50	3 25	7 5	7 8	6 44			n.a.
T 6	21 29	19 12	2 23	18 30	0 17	22 30	0 32	21 58	1 13	23 18	0 55	17 21	1 23	4 32	0 34	23 30	0 19	16 50	3 25	7 7	7 10	6 48			n.a.
W 7	21 40	13 43	1 16	19 1	0 24	22 44	0 35	21 48	1 13	23 19	0 55	17 23	1 23	4 33	0 34	23 30	0 19	16 49	3 25	7 7	7 11	6 51			n.a.
T 8	21 50	7 29	0 4	19 31	0 31	22 58	0 37	21 37	1 12	23 19	0 55	17 24	1 23	4 34	0 34	23 30	0 19	16 49	3 25	7 7	7 12	6 54			n.a.
F 9	22 0	0 47	1n10	20 0	0 37	23 11	0 39	21 27	1 11	23 20	0 56	17 26	1 23	4 35	0 34	23 30	0 19	16 49	3 25	7 7	7 13	6 58			n.a.
S 10	22 10	6n 4	2 20	20 28	0 43	23 23	0 41	21 16	1 10	23 21	0 56	17 28	1 23	4 36	0 34	23 30	0 19	16 49	3 25	7 8	7 14	7 1			n.a.
S 11	22 19	12 41	3 23	20 55	0 50	23 35	0 43	21 5	1 9	23 22	0 56	17 30	1 23	4 37	0 34	23 30	0 19	16 49	3 25	7 10	7 16	7 4			n.a.
M12	22 28	18 41	4 12	21 22	0 56	23 45	0 45	20 54	1 9	23 23	0 56	17 32	1 23	4 38	0 34	23 30	0 19	16 48	3 25	7 13	7 17	7 8			n.a.
T 13	22 37	23 34	4 45	21 48	1 1	23 55	0 47	20 42	1 8	23 24	0 57	17 33	1 23	4 39	0 34	23 30	0 19	16 48	3 25	7 16	7 18	7 11			n.a.
W14	22 45	26 57	4 59	22 12	1 7	24 5	0 49	20 31	1 7	23 25	0 57	17 35	1 23	4 40	0 35	23 30	0 19	16 48	3 24	7 21	7 19	7 15			n.a.
T 15	22 52	28 30	4 54	22 36	1 12	24 13	0 51	20 19	1 6	23 26	0 57	17 37	1 23	4 41	0 35	23 30	0 19	16 48	3 24	7 26	7 21	7 18			n.a.
F 16	22 59	28 10	4 31	22 58	1 17	24 21	0 53	20 7	1 5	23 27	0 57	17 38	1 23	4 42	0 35	23 30	0 19	16 48	3 24	7 31	7 22	7 21			n.a.
S 17	23 6	26 6	3 53	23 19	1 22	24 28	0 55	19 55	1 5	23 28	0 58	17 40	1 23	4 42	0 35	23 30	0 19	16 48	3 24	7 34	7 23	7 25			n.a.
S 18	23 12	22 40	3 3	23 40	1 27	24 34	0 57	19 42	1 4	23 29	0 58	17 42	1 23	4 43	0 35	23 30	0 19	16 47	3 24	7 37	7 24	7 28			n.a.
M19	23 18	18 13	2 6	23 58	1 32	24 40	0 59	19 30	1 3	23 30	0 58	17 43	1 23	4 44	0 35	23 30	0 19	16 47	3 24	7 39	7 25	7 31			n.a.
T 20	23 23	13 7	1 3	24 16	1 36	24 45	1 0	19 17	1 2	23 31	0 58	17 45	1 23	4 45	0 35	23 30	0 19	16 47	3 24	7 40	7 27	7 35			n.a.
W21	23 28	7 38	0s 0	24 32	1 40	24 49	1 2	19 4	1 2	23 32	0 59	17 47	1 23	4 46	0 35	23 30	0 19	16 47	3 24	7 40	7 28	7 38			n.a.
T 22	23 32	1 58	1 3	24 47	1 43	24 52	1 4	18 51	1 1	23 33	0 59	17 48	1 23	4 46	0 35	23 30	0 19	16 47	3 24	7 40	7 29	7 41			n.a.
F 23	23 36	3s43	2 3	25 1	1 47	24 54	1 5	18 38	1 0	23 34	0 59	17 50	1 23	4 47	0 35	23 30	0 19	16 46	3 24	7 40	7 30	7 45			n.a.
S 24	23 39	9 14	2 57	25 13	1 50	24 56	1 7	18 25	0 59	23 35	0 59	17 52	1 23	4 48	0 35	23 30	0 19	16 46	3 24	7 41	7 32	7 48			n.a.
S 25	23 42	14 29	3 44	25 23	1 52	24 57	1 8	18 11	0 58	23 37	0 59	17 53	1 23	4 49	0 35	23 30	0 19	16 46	3 24	7 43	7 33	7 51			n.a.
M26	23 44	19 14	4 21	25 32	1 55	24 57	1 10	17 58	0 58	23 38	1 0	17 55	1 23	4 49	0 35	23 30	0 19	16 46	3 23	7 46	7 34	7 55			n.a.
T 27	23 46	23 17	4 47	25 39	1 56	24 57	1 11	17 44	0 57	23 39	1 0	17 56	1 23	4 50	0 35	23 30	0 19	16 46	3 23	7 50	7 35	7 58			n.a.
W28	23 48	26 22	5 0	25 44	1 58	24 55	1 13	17 30	0 56	23 40	1 0	17 58	1 23	4 50	0 35	23 30	0 19	16 46	3 23	7 54	7 36	8 1			n.a.
T 29	23 49	28 11	4 58	25 48	1 59	24 53	1 14	17 16	0 55	23 41	1 0	17 59	1 23	4 51	0 35	23 30	0 19	16 46	3 23	7 59	7 38	8 5			n.a.
F 30	23 49	28 31	4 42	25 49	2 0	24 50	1 15	17 2	0 54	23 42	1 0	18 1	1 23	4 52	0 35	23 30	0 19	16 45	3 23	8 4	7 39	8 8			n.a.
S 31	23s49	27s14	4s10	25s49	2s 0	24s46	1s17	16s47	0s54	23n43	1n 1	18s 2	1n23	4s52	0n35	23n30	0s19	16n45	3s23	8s 9	7s40	8s11			n.a.

Julian Day Number = 1339340.5, Delta T = 07h17m11s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°31'00, Lahiri = -18°23'59 Julian Calendar 1 Dec. 1047 BCE == Greg. Calendar 21 Nov. 1047 BCE

The year -1046 astronomical counting style corresponds to year 1047 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

JANUARY 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 39	1♉28'37	27♉ 8	3♉13	10♉28	17♒54	16°R53	25♏19	13♎31	29°R55	28°R 4	9°R19	10♓39	14♎ 4	n.a.	S 1
M 2	6 4 36	2°29'24	10♒43	5° 0	11°43	18°38	16♋46	25°26	13°32	29♊53	28♉ 3	9♓13	10°36	14°11	n.a.	M 2
T 3	6 8 32	3°30'10	24°26	6°47	12°58	19°23	16°38	25°32	13°33	29°51	28° 2	9°10	10°33	14°17	n.a.	T 3
W 4	6 12 29	4°30'54	8♓16	8°36	14°13	20° 7	16°31	25°38	13°35	29°50	28° 1	9°D 9	10°30	14°24	n.a.	W 4
T 5	6 16 25	5°31'36	22°13	10°25	15°28	20°51	16°23	25°44	13°36	29°48	28° 0	9° 9	10°26	14°31	n.a.	T 5
F 6	6 20 22	6°32'17	6♈15	12°14	16°43	21°35	16°15	25°49	13°37	29°46	27°59	9°R10	10°23	14°37	n.a.	F 6
S 7	6 24 18	7°32'55	20°23	14° 4	17°57	22°19	16° 7	25°55	13°38	29°45	27°58	9° 9	10°20	14°44	n.a.	S 7
S 8	6 28 15	8°33'31	4♉35	15°54	19°12	23° 3	16° 0	26° 1	13°39	29°43	27°58	9° 6	10°17	14°51	n.a.	S 8
M 9	6 32 12	9°34'06	18°50	17°44	20°27	23°47	15°52	26° 7	13°41	29°41	27°57	9° 1	10°14	14°57	n.a.	M 9
T 10	6 36 8	10°34'38	3♊ 2	19°35	21°42	24°30	15°44	26°13	13°42	29°40	27°56	8°53	10°11	15° 4	n.a.	T 10
W11	6 40 5	11°35'09	17° 9	21°25	22°57	25°14	15°36	26°18	13°42	29°38	27°55	8°44	10° 7	15°11	n.a.	W11
T 12	6 44 1	12°35'38	1♋ 6	23°15	24°12	25°58	15°28	26°24	13°43	29°36	27°54	8°34	10° 4	15°17	n.a.	T 12
F 13	6 47 58	13°36'05	14°48	25° 5	25°27	26°42	15°20	26°29	13°44	29°35	27°53	8°25	10° 1	15°24	n.a.	F 13
S 14	6 51 54	14°36'30	28°11	26°53	26°41	27°25	15°13	26°35	13°45	29°33	27°52	8°17	9°58	15°31	n.a.	S 14
S 15	6 55 51	15°36'54	11♌15	28°41	27°56	28° 9	15° 5	26°40	13°46	29°31	27°52	8°12	9°55	15°37	n.a.	S 15
M16	6 59 48	16°37'16	23°58	0♒26	29°11	28°53	14°57	26°46	13°46	29°30	27°51	8° 8	9°52	15°44	n.a.	M16
T 17	7 3 44	17°37'35	6♍23	2°10	0♒26	29°36	14°49	26°51	13°47	29°28	27°50	8°D 7	9°48	15°51	n.a.	T 17
W18	7 7 41	18°37'54	18°32	3°52	1°40	0♓20	14°41	26°56	13°47	29°27	27°49	8° 8	9°45	15°57	n.a.	W18
T 19	7 11 37	19°38'10	0♎30	5°30	2°55	1° 3	14°33	27° 1	13°48	29°25	27°49	8° 9	9°42	16° 4	n.a.	T 19
F 20	7 15 34	20°38'25	12°21	7° 5	4°10	1°47	14°25	27° 6	13°48	29°24	27°48	8°10	9°39	16°11	n.a.	F 20
S 21	7 19 30	21°38'39	24°10	8°36	5°24	2°30	14°17	27°11	13°49	29°22	27°47	8°R10	9°36	16°18	n.a.	S 21
S 22	7 23 27	22°38'50	6♏ 4	10° 2	6°39	3°13	14°10	27°16	13°49	29°21	27°47	8° 9	9°32	16°24	n.a.	S 22
M23	7 27 23	23°39'00	18° 6	11°23	7°54	3°57	14° 2	27°21	13°49	29°19	27°46	8° 6	9°29	16°31	n.a.	M23
T 24	7 31 20	24°39'08	0♐22	12°38	9° 8	4°40	13°54	27°26	13°50	29°17	27°45	8° 1	9°26	16°38	n.a.	T 24
W25	7 35 16	25°39'15	12°54	13°46	10°23	5°23	13°47	27°31	13°50	29°16	27°45	7°55	9°23	16°44	n.a.	W25
T 26	7 39 13	26°39'20	25°45	14°48	11°37	6° 7	13°39	27°36	13°50	29°15	27°44	7°48	9°20	16°51	n.a.	T 26
F 27	7 43 10	27°39'22	8♑57	15°41	12°52	6°50	13°32	27°40	13°50	29°13	27°44	7°40	9°17	16°58	n.a.	F 27
S 28	7 47 6	28°39'23	22°27	16°27	14° 6	7°33	13°24	27°45	13°R50	29°12	27°43	7°34	9°13	17° 4	n.a.	S 28
S 29	7 51 3	29°39'22	6♒14	17° 5	15°21	8°16	13°17	27°49	13°50	29°10	27°43	7°29	9°10	17°11	n.a.	S 29
M30	7 54 59	0♒39'19	20°15	17°34	16°35	8°59	13° 9	27°54	13°50	29° 9	27°42	7°26	9° 7	17°18	n.a.	M30
T 31	7 58 56	1♒39'13	4♓25	17♒54	17♒50	9♓42	13♋ 2	27♏58	13♎50	29♊ 7	27♉42	7°D25	9♓ 4	17♎24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	24s23	3s24	25s47	2s 0	24s42	1s18	16s33	0s53	23n44	1n 1	18s 4	1n23	4s53	0n35	23n31	0s19	16n45	3s23	8s12	7s41	8s15		n.a.
M 2	23 48	20 9	2 25	25 43	2 0	24 36	1 19	16 18	0 52	23 46	1 1	18 5	1 23	4 53	0 35	23 31	0 19	16 45	3 23	8 14	7 43	8 18		n.a.
T 3	23 46	14 48	1 18	25 37	1 58	24 30	1 20	16 3	0 51	23 47	1 1	18 7	1 23	4 54	0 35	23 31	0 19	16 45	3 23	8 16	7 44	8 21		n.a.
W 4	23 45	8 40	0 5	25 29	1 57	24 23	1 21	15 48	0 50	23 48	1 1	18 8	1 23	4 54	0 35	23 31	0 19	16 45	3 22	8 16	7 45	8 24		n.a.
T 5	23 42	2 5	1n 9	25 19	1 55	24 16	1 22	15 33	0 50	23 49	1 1	18 10	1 23	4 55	0 35	23 31	0 19	16 45	3 22	8 16	7 46	8 28		n.a.
F 6	23 39	4n39	2 19	25 6	1 52	24 8	1 23	15 18	0 49	23 50	1 2	18 11	1 23	4 55	0 35	23 31	0 19	16 45	3 22	8 16	7 47	8 31		n.a.
S 7	23 36	11 11	3 21	24 52	1 49	23 59	1 24	15 3	0 48	23 51	1 2	18 12	1 23	4 56	0 35	23 31	0 19	16 45	3 22	8 16	7 49	8 34		n.a.
S 8	23 32	17 11	4 11	24 35	1 45	23 49	1 24	14 48	0 47	23 52	1 2	18 14	1 23	4 56	0 35	23 31	0 19	16 44	3 22	8 17	7 50	8 38		n.a.
M 9	23 28	22 16	4 46	24 16	1 40	23 38	1 25	14 32	0 46	23 53	1 2	18 15	1 23	4 57	0 35	23 31	0 19	16 44	3 22	8 19	7 51	8 41		n.a.
T 10	23 24	26 3	5 3	23 56	1 35	23 27	1 26	14 17	0 46	23 54	1 2	18 16	1 23	4 57	0 35	23 31	0 19	16 44	3 22	8 22	7 52	8 44		n.a.
W11	23 18	28 11	5 1	23 33	1 29	23 15	1 26	14 1	0 45	23 55	1 2	18 18	1 23	4 57	0 35	23 31	0 19	16 44	3 22	8 25	7 54	8 48		n.a.
T 12	23 13	28 31	4 42	23 8	1 22	23 2	1 27	13 45	0 44	23 57	1 2	18 19	1 23	4 58	0 35	23 31	0 19	16 44	3 22	8 29	7 55	8 51		n.a.
F 13	23 7	27 3	4 6	22 41	1 14	22 49	1 27	13 29	0 43	23 58	1 3	18 20	1 23	4 58	0 35	23 31	0 19	16 44	3 21	8 33	7 56	8 54		n.a.
S 14	23 0	24 4	3 17	22 12	1 6	22 35	1 28	13 14	0 43	23 59	1 3	18 22	1 23	4 58	0 35	23 31	0 19	16 44	3 21	8 36	7 57	8 57		n.a.
S 15	22 53	19 54	2 19	21 41	0 57	22 20	1 28	12 57	0 42	24 0	1 3	18 23	1 23	4 58	0 35	23 31	0 19	16 44	3 21	8 38	7 58	9 1		n.a.
M16	22 46	14 56	1 15	21 9	0 48	22 5	1 28	12 41	0 41	24 1	1 3	18 24	1 23	4 59	0 35	23 31	0 19	16 44	3 21	8 39	8 0	9 4		n.a.
T 17	22 38	9 28	0 9	20 36	0 37	21 49	1 28	12 25	0 40	24 2	1 3	18 25	1 23	4 59	0 35	23 31	0 19	16 44	3 21	8 39	8 1	9 7		n.a.
W18	22 30	3 45	0s56	20 1	0 26	21 33	1 29	12 9	0 39	24 3	1 3	18 26	1 23	4 59	0 35	23 31	0 19	16 44	3 21	8 39	8 2	9 11		n.a.
T 19	22 22	2s 0	1 58	19 25	0 14	21 15	1 29	11 52	0 39	24 4	1 3	18 28	1 23	4 59	0 35	23 31	0 19	16 44	3 21	8 39	8 3	9 14		n.a.
F 20	22 12	7 37	2 54	18 49	0 2	20 57	1 29	11 36	0 38	24 5	1 3	18 29	1 23	4 59	0 35	23 31	0 19	16 44	3 21	8 38	8 5	9 17		n.a.
S 21	22 3	12 58	3 43	18 13	0n12	20 39	1 29	11 20	0 37	24 6	1 4	18 30	1 23	4 59	0 35	23 31	0 19	16 44	3 21	8 38	8 6	9 20		n.a.
S 22	21 53	17 52	4 22	17 36	0 25	20 20	1 28	11 3	0 36	24 7	1 4	18 31	1 23	5 0	0 35	23 31	0 18	16 44	3 20	8 39	8 7	9 24		n.a.
M23	21 43	22 8	4 51	17 0	0 40	20 0	1 28	10 46	0 36	24 7	1 4	18 32	1 23	5 0	0 35	23 31	0 18	16 44	3 20	8 40	8 8	9 27		n.a.
T 24	21 32	25 32	5 6	16 25	0 54	19 40	1 28	10 29	0 35	24 8	1 4	18 33	1 23	5 0	0 35	23 31	0 18	16 44	3 20	8 42	8 9	9 30		n.a.
W25	21 21	27 48	5 8	15 51	1 9	19 19	1 28	10 13	0 34	24 9	1 4	18 34	1 23	5 0	0 36	23 31	0 18	16 44	3 20	8 44	8 11	9 33		n.a.
T 26	21 10	28 39	4 54	15 19	1 24	18 58	1 27	9 56	0 33	24 10	1 4	18 35	1 23	5 0	0 36	23 31	0 18	16 44	3 20	8 47	8 12	9 37		n.a.
F 27	20 58	27 55	4 25	14 48	1 40	18 36	1 27	9 39	0 33	24 11	1 4	18 36	1 23	5 0	0 36	23 31	0 18	16 44	3 20	8 50	8 13	9 40		n.a.
S 28	20 45	25 32	3 40	14 20	1 55	18 14	1 26	9 22	0 32	24 12	1 4	18 37	1 23	5 0	0 36	23 31	0 18	16 44	3 20	8 52	8 14	9 43		n.a.
S 29	20 33	21 37	2 41	13 54	2 10	17 51	1 26	9 5	0 31	24 13	1 4	18 38	1 24	5 0	0 36	23 31	0 18	16 44	3 20	8 54	8 15	9 47		n.a.
M30	20 20	16 25	1 32	13 32	2 24	17 28	1 25	8 48	0 30	24 13	1 4	18 39	1 24	5 0	0 36	23 31	0 18	16 44	3 19	8 55	8 17	9 50		n.a.
T 31	20s 7	10s18	0s16	13s12	2n38	17s 4	1s24	8s31	0s30	24n14	1n 4	18s40	1n24	5s 0	0n36	23n31	0s18	16n44	3s19	8s56	8s18	9s53		n.a.

Julian Day Number = 1339371.5, Delta T = 07h17m09s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'56, Lahiri = -18°23'55 Julian Calendar 1 Jan. 1046 BCE == Greg. Calendar 22 Dec. 1047 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

FEBRUARY 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 2 52	2♒39'05	18♓41	18♒ 5	19♒ 4	10♓25	12°R55	28♏ 2	13°R50	29°R 6	27°R41	7♓25	9♓ 1	17♎31	n.a.	W 1
T 2	8 6 49	3°38'55	2♈57	18°R 7	20°18	11° 8	12♋48	28° 7	13♎49	29♊ 5	27♉41	7°26	8°58	17°38	n.a.	T 2
F 3	8 10 45	4°38'42	17°13	18° 0	21°33	11°51	12°41	28°11	13°49	29° 3	27°40	7°28	8°54	17°44	n.a.	F 3
S 4	8 14 42	5°38'27	1♉25	17°45	22°47	12°34	12°34	28°15	13°49	29° 2	27°40	7°R29	8°51	17°51	n.a.	S 4
S 5	8 18 39	6°38'10	15°31	17°22	24° 1	13°16	12°28	28°19	13°48	29° 1	27°40	7°28	8°48	17°58	n.a.	S 5
M 6	8 22 35	7°37'50	29°30	16°51	25°15	13°59	12°21	28°23	13°48	29° 0	27°39	7°27	8°45	18° 4	n.a.	M 6
T 7	8 26 32	8°37'28	13♊20	16°14	26°30	14°42	12°15	28°26	13°47	28°58	27°39	7°24	8°42	18°11	n.a.	T 7
W 8	8 30 28	9°37'03	27° 0	15°31	27°44	15°25	12° 8	28°30	13°47	28°57	27°39	7°20	8°38	18°18	n.a.	W 8
T 9	8 34 25	10°36'36	10♋29	14°44	28°58	16° 7	12° 2	28°34	13°46	28°56	27°39	7°16	8°35	18°24	n.a.	T 9
F 10	8 38 21	11°36'07	23°44	13°52	0♓12	16°50	11°56	28°37	13°45	28°55	27°38	7°12	8°32	18°31	n.a.	F 10
S 11	8 42 18	12°35'35	6♌45	12°59	1°26	17°32	11°50	28°41	13°45	28°54	27°38	7° 8	8°29	18°38	n.a.	S 11
S 12	8 46 14	13°35'02	19°31	12° 4	2°40	18°15	11°44	28°44	13°44	28°53	27°38	7° 6	8°26	18°44	n.a.	S 12
M13	8 50 11	14°34'25	2♍ 2	11° 9	3°54	18°57	11°39	28°47	13°43	28°52	27°38	7°D 5	8°23	18°51	n.a.	M13
T 14	8 54 8	15°33'47	14°19	10°15	5° 8	19°40	11°33	28°51	13°42	28°51	27°38	7° 5	8°19	18°58	n.a.	T 14
W15	8 58 4	16°33'07	26°25	9°23	6°22	20°22	11°28	28°54	13°41	28°49	27°37	7° 6	8°16	19° 4	n.a.	W15
T 16	9 2 1	17°32'25	8♎22	8°35	7°36	21° 4	11°22	28°57	13°40	28°48	27°37	7° 7	8°13	19°11	n.a.	T 16
F 17	9 5 57	18°31'40	20°13	7°50	8°50	21°47	11°17	29° 0	13°39	28°48	27°37	7° 9	8°10	19°18	n.a.	F 17
S 18	9 9 54	19°30'54	2♏ 4	7° 9	10° 4	22°29	11°12	29° 3	13°38	28°47	27°37	7°10	8° 7	19°24	n.a.	S 18
S 19	9 13 50	20°30'06	13°58	6°34	11°17	23°11	11° 8	29° 5	13°37	28°46	27°37	7°11	8° 4	19°31	n.a.	S 19
M20	9 17 47	21°29'16	26° 0	6° 4	12°31	23°53	11° 3	29° 8	13°36	28°45	27°D37	7°R11	8° 0	19°38	n.a.	M20
T 21	9 21 43	22°28'24	8♐14	5°39	13°45	24°35	10°59	29°11	13°35	28°44	27°37	7°11	7°57	19°45	n.a.	T 21
W22	9 25 40	23°27'31	20°46	5°20	14°59	25°17	10°54	29°13	13°33	28°43	27°37	7° 9	7°54	19°51	n.a.	W22
T 23	9 29 36	24°26'35	3♑39	5° 7	16°12	25°59	10°50	29°16	13°32	28°42	27°37	7° 8	7°51	19°58	n.a.	T 23
F 24	9 33 33	25°25'37	16°55	5° 0	17°26	26°41	10°46	29°18	13°31	28°41	27°37	7° 6	7°48	20° 5	n.a.	F 24
S 25	9 37 30	26°24'38	0♒35	4°D58	18°40	27°23	10°42	29°20	13°29	28°41	27°38	7° 5	7°44	20°11	n.a.	S 25
S 26	9 41 26	27°23'36	14°37	5° 1	19°53	28° 5	10°39	29°22	13°28	28°40	27°38	7° 4	7°41	20°18	n.a.	S 26
M27	9 45 23	28°22'32	28°58	5°11	21° 7	28°47	10°35	29°24	13°26	28°39	27°38	7° 3	7°38	20°25	n.a.	M27
T 28	9 49 19	29♒21'26	13♓33	5♒25	22♓20	29♓29	10♋32	29♏26	13♎25	28♊39	27♉38	7°D 3	7♓35	20♎31	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s53	3s37	1n 1	12s56	2n52	16s40	1s23	8s13	0s29	24n15	1n 4	18s41	1n24	5s 0	0n36	23n31	0s18	16n44	3s19	8s55	8s19	9s56		n.a.
T 2	19 39	3n15	2 15	12 44	3 4	16 15	1 23	7 56	0 28	24 16	1 4	18 42	1 24	4 59	0 36	23 31	0 18	16 44	3 19	8 55	8 20	9 59		n.a.
F 3	19 24	9 56	3 20	12 35	3 15	15 50	1 22	7 39	0 27	24 16	1 4	18 43	1 24	4 59	0 36	23 31	0 18	16 44	3 19	8 54	8 21	10 3		n.a.
S 4	19 10	16 6	4 13	12 30	3 25	15 24	1 21	7 22	0 27	24 17	1 4	18 43	1 24	4 59	0 36	23 31	0 18	16 44	3 19	8 54	8 23	10 6		n.a.
S 5	18 55	21 22	4 50	12 29	3 34	14 59	1 20	7 4	0 26	24 18	1 4	18 44	1 24	4 59	0 36	23 31	0 18	16 44	3 19	8 54	8 24	10 9		n.a.
M 6	18 39	25 24	5 10	12 32	3 41	14 32	1 19	6 47	0 25	24 18	1 4	18 45	1 24	4 59	0 36	23 31	0 18	16 44	3 18	8 55	8 25	10 12		n.a.
T 7	18 24	27 54	5 11	12 38	3 46	14 6	1 17	6 30	0 24	24 19	1 4	18 46	1 24	4 58	0 36	23 31	0 18	16 44	3 18	8 56	8 26	10 16		n.a.
W 8	18 8	28 42	4 55	12 47	3 49	13 38	1 16	6 12	0 24	24 20	1 4	18 47	1 24	4 58	0 36	23 31	0 18	16 44	3 18	8 57	8 28	10 19		n.a.
T 9	17 51	27 45	4 22	13 0	3 51	13 11	1 15	5 55	0 23	24 20	1 4	18 47	1 24	4 58	0 36	23 31	0 18	16 44	3 18	8 59	8 29	10 22		n.a.
F 10	17 35	25 14	3 36	13 15	3 50	12 43	1 13	5 37	0 22	24 21	1 4	18 48	1 24	4 58	0 36	23 31	0 18	16 44	3 18	9 0	8 30	10 25		n.a.
S 11	17 18	21 27	2 39	13 33	3 48	12 15	1 12	5 20	0 21	24 21	1 4	18 49	1 24	4 57	0 36	23 31	0 18	16 44	3 18	9 2	8 31	10 29		n.a.
S 12	17 1	16 42	1 35	13 53	3 43	11 47	1 11	5 2	0 21	24 22	1 4	18 50	1 24	4 57	0 36	23 31	0 18	16 44	3 18	9 3	8 32	10 32		n.a.
M13	16 43	11 21	0 28	14 14	3 37	11 18	1 9	4 45	0 20	24 22	1 4	18 50	1 24	4 57	0 36	23 31	0 18	16 44	3 18	9 3	8 34	10 35		n.a.
T 14	16 26	5 39	0s40	14 36	3 29	10 49	1 7	4 27	0 19	24 23	1 4	18 51	1 24	4 56	0 36	23 31	0 18	16 45	3 17	9 3	8 35	10 38		n.a.
W15	16 8	0s 9	1 45	14 59	3 20	10 20	1 6	4 10	0 19	24 23	1 4	18 51	1 25	4 56	0 36	23 31	0 18	16 45	3 17	9 3	8 36	10 41		n.a.
T 16	15 49	5 52	2 44	15 22	3 9	9 50	1 4	3 52	0 18	24 24	1 4	18 52	1 25	4 55	0 36	23 31	0 18	16 45	3 17	9 2	8 37	10 45		n.a.
F 17	15 31	11 21	3 36	15 45	2 57	9 21	1 2	3 34	0 17	24 24	1 4	18 53	1 25	4 55	0 36	23 31	0 18	16 45	3 17	9 1	8 38	10 48		n.a.
S 18	15 12	16 25	4 19	16 8	2 44	8 51	1 0	3 17	0 16	24 25	1 4	18 53	1 25	4 55	0 36	23 31	0 18	16 45	3 17	9 1	8 40	10 51		n.a.
S 19	14 53	20 54	4 51	16 30	2 31	8 21	0 59	2 59	0 16	24 25	1 4	18 54	1 25	4 54	0 36	23 31	0 18	16 45	3 17	9 1	8 41	10 54		n.a.
M20	14 34	24 35	5 10	16 51	2 16	7 50	0 57	2 42	0 15	24 25	1 4	18 54	1 25	4 54	0 36	23 31	0 18	16 45	3 17	9 1	8 42	10 57		n.a.
T 21	14 15	27 14	5 16	17 12	2 2	7 20	0 55	2 24	0 14	24 26	1 4	18 55	1 25	4 53	0 36	23 31	0 18	16 45	3 16	9 1	8 43	11 1		n.a.
W22	13 55	28 36	5 7	17 31	1 47	6 49	0 53	2 7	0 14	24 26	1 4	18 55	1 25	4 53	0 36	23 31	0 18	16 46	3 16	9 1	8 44	11 4		n.a.
T 23	13 35	28 29	4 43	17 48	1 32	6 18	0 50	1 49	0 13	24 26	1 4	18 56	1 25	4 52	0 36	23 31	0 18	16 46	3 16	9 2	8 46	11 7		n.a.
F 24	13 15	26 45	4 3	18 4	1 17	5 47	0 48	1 31	0 12	24 27	1 4	18 56	1 25	4 52	0 36	23 31	0 18	16 46	3 16	9 2	8 47	11 10		n.a.
S 25	12 55	23 25	3 9	18 19	1 3	5 16	0 46	1 14	0 12	24 27	1 4	18 57	1 25	4 51	0 36	23 31	0 18	16 46	3 16	9 3	8 48	11 13		n.a.
S 26	12 34	18 38	2 1	18 32	0 48	4 44	0 44	0 56	0 11	24 27	1 4	18 57	1 25	4 50	0 36	23 31	0 18	16 46	3 16	9 3	8 49	11 17		n.a.
M27	12 14	12 43	0 45	18 44	0 34	4 13	0 42	0 39	0 10	24 27	1 4	18 57	1 25	4 50	0 36	23 31	0 18	16 46	3 16	9 4	8 50	11 20		n.a.
T 28	11s53	6s 1	0n36	18s54	0n20	3s41	0s39	0s21	0s10	24n28	1n 4	18s58	1n25	4s49	0n36	23n31	0s18	16n46	3s16	9s 4	8s52	11s23		n.a.

Julian Day Number = 1339402.5, Delta T = 07h17m08s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'52, Lahiri = -18°23'51 Julian Calendar 1 Feb. 1046 BCE == Greg. Calendar 22 Jan. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

MARCH 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 53 16	0♓20'18	28♓15	5♒44	23♓34	0♈11	10°R29	29♏28	13°R23	28°R38	27♉38	7♓ 4	7♓32	20♎38	n.a.	W 1
T 2	9 57 12	1°19'07	12♈59	6° 8	24°47	0°53	10♋26	29°30	13♎22	28♊37	27°39	7° 4	7°29	20°45	n.a.	T 2
F 3	10 1 9	2°17'55	27°37	6°36	26° 0	1°34	10°24	29°31	13°20	28°37	27°39	7° 4	7°25	20°51	n.a.	F 3
S 4	10 5 5	3°16'39	12♉ 4	7° 9	27°14	2°16	10°21	29°33	13°18	28°36	27°39	7° 5	7°22	20°58	n.a.	S 4
S 5	10 9 2	4°15'22	26°18	7°45	28°27	2°58	10°19	29°35	13°17	28°36	27°39	7° 5	7°19	21° 5	n.a.	S 5
M 6	10 12 59	5°14'02	10♊14	8°26	29°40	3°39	10°17	29°36	13°15	28°35	27°40	7°R 5	7°16	21°11	n.a.	M 6
T 7	10 16 55	6°12'40	23°54	9°10	0♈53	4°21	10°15	29°37	13°13	28°35	27°40	7° 5	7°13	21°18	n.a.	T 7
W 8	10 20 52	7°11'15	7♋17	9°58	2° 7	5° 2	10°13	29°38	13°11	28°34	27°40	7°D 5	7°10	21°25	n.a.	W 8
T 9	10 24 48	8° 9'48	20°24	10°49	3°20	5°44	10°11	29°39	13° 9	28°34	27°41	7° 5	7° 6	21°31	n.a.	T 9
F 10	10 28 45	9° 8'19	3♌16	11°43	4°33	6°25	10°10	29°40	13° 7	28°34	27°41	7° 5	7° 3	21°38	n.a.	F 10
S 11	10 32 41	10° 6'47	15°55	12°41	5°46	7° 6	10° 9	29°41	13° 5	28°33	27°42	7° 5	7° 0	21°45	n.a.	S 11
S 12	10 36 38	11° 5'14	28°22	13°41	6°59	7°48	10° 7	29°42	13° 4	28°33	27°42	7° 6	6°57	21°52	n.a.	S 12
M13	10 40 34	12° 3'38	10♍38	14°44	8°12	8°29	10° 7	29°43	13° 2	28°33	27°43	7°R 6	6°54	21°58	n.a.	M13
T 14	10 44 31	13° 2'00	22°44	15°49	9°24	9°10	10° 6	29°43	12°59	28°33	27°43	7° 5	6°50	22° 5	n.a.	T 14
W15	10 48 27	14° 0'20	4♎44	16°58	10°37	9°51	10° 5	29°44	12°57	28°33	27°44	7° 5	6°47	22°12	n.a.	W15
T 16	10 52 24	14°58'38	16°37	18° 8	11°50	10°33	10° 5	29°44	12°55	28°32	27°44	7° 4	6°44	22°18	n.a.	T 16
F 17	10 56 21	15°56'55	28°28	19°21	13° 3	11°14	10°D 5	29°45	12°53	28°32	27°45	7° 3	6°41	22°25	n.a.	F 17
S 18	11 0 17	16°55'10	10♏19	20°36	14°15	11°55	10° 5	29°45	12°51	28°32	27°45	7° 1	6°38	22°32	n.a.	S 18
S 19	11 4 14	17°53'23	22°13	21°54	15°28	12°36	10° 5	29°45	12°49	28°32	27°46	7° 0	6°35	22°38	n.a.	S 19
M20	11 8 10	18°51'34	4♐15	23°14	16°41	13°17	10° 6	29°R45	12°47	28°D32	27°47	6°59	6°31	22°45	n.a.	M20
T 21	11 12 7	19°49'44	16°28	24°35	17°53	13°58	10° 6	29°45	12°44	28°32	27°47	6°D59	6°28	22°52	n.a.	T 21
W22	11 16 3	20°47'53	28°57	25°59	19° 6	14°39	10° 7	29°45	12°42	28°32	27°48	6°59	6°25	22°58	n.a.	W22
T 23	11 20 0	21°46'00	11♑46	27°25	20°18	15°20	10° 8	29°44	12°40	28°32	27°49	7° 0	6°22	23° 5	n.a.	T 23
F 24	11 23 56	22°44'05	24°58	28°53	21°30	16° 0	10° 9	29°44	12°38	28°32	27°49	7° 1	6°19	23°12	n.a.	F 24
S 25	11 27 53	23°42'09	8♒36	0♓23	22°43	16°41	10°11	29°44	12°35	28°32	27°50	7° 2	6°15	23°18	n.a.	S 25
S 26	11 31 50	24°40'11	22°41	1°55	23°55	17°22	10°12	29°43	12°33	28°33	27°51	7° 3	6°12	23°25	n.a.	S 26
M27	11 35 46	25°38'11	7♓10	3°28	25° 7	18° 3	10°14	29°42	12°31	28°33	27°52	7°R 3	6° 9	23°32	n.a.	M27
T 28	11 39 43	26°36'10	21°59	5° 4	26°19	18°44	10°16	29°42	12°28	28°33	27°53	7° 3	6° 6	23°38	n.a.	T 28
W29	11 43 39	27°34'07	7♈ 0	6°42	27°31	19°24	10°18	29°41	12°26	28°33	27°53	7° 1	6° 3	23°45	n.a.	W29
T 30	11 47 36	28°32'02	22° 7	8°21	28°44	20° 5	10°20	29°40	12°23	28°34	27°54	6°59	6° 0	23°52	n.a.	T 30
F 31	11 51 32	29♓29'56	7♉ 7	10♓ 3	29♈56	20♈45	10♋23	29♏39	12♎21	28♊34	27♉55	6♓56	5♓56	23♎59	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s32	1n 3	1n55	19s 2	0n 6	3s10	0s37	0s 4	0s 9	24n28	1n 4	18s58	1n26	4s49	0n36	23n31	0s18	16n47	3s15	9s 3	8s53	11s26			n.a.
T 2	11 11	8 3	3 6	19 9	0s 7	2 38	0 35	0n14	0 8	24 28	1 4	18 58	1 26	4 48	0 36	23 31	0 18	16 47	3 15	9 3	8 54	11 29			n.a.
F 3	10 49	14 36	4 5	19 14	0 19	2 6	0 32	0 31	0 8	24 28	1 4	18 59	1 26	4 47	0 36	23 31	0 18	16 47	3 15	9 3	8 55	11 32			n.a.
S 4	10 28	20 15	4 48	19 17	0 31	1 34	0 30	0 49	0 7	24 28	1 4	18 59	1 26	4 47	0 36	23 31	0 18	16 47	3 15	9 3	8 56	11 36			n.a.
S 5	10 6	24 40	5 12	19 18	0 43	1 2	0 27	1 6	0 6	24 28	1 4	18 59	1 26	4 46	0 36	23 31	0 18	16 47	3 15	9 3	8 58	11 39			n.a.
M 6	9 44	27 34	5 17	19 18	0 53	0 30	0 25	1 23	0 5	24 28	1 4	18 59	1 26	4 45	0 36	23 31	0 18	16 48	3 15	9 3	8 59	11 42			n.a.
T 7	9 23	28 44	5 4	19 16	1 4	0n 1	0 22	1 41	0 5	24 29	1 4	19 0	1 26	4 44	0 36	23 31	0 18	16 48	3 15	9 3	9 0	11 45			n.a.
W 8	9 1	28 11	4 34	19 13	1 14	0 33	0 19	1 58	0 4	24 29	1 3	19 0	1 26	4 44	0 36	23 31	0 18	16 48	3 14	9 3	9 1	11 48			n.a.
T 9	8 38	26 3	3 51	19 8	1 23	1 5	0 17	2 15	0 4	24 29	1 3	19 0	1 26	4 43	0 36	23 31	0 18	16 48	3 14	9 3	9 2	11 51			n.a.
F 10	8 16	22 36	2 57	19 1	1 32	1 37	0 14	2 33	0 3	24 29	1 3	19 0	1 26	4 42	0 36	23 31	0 18	16 49	3 14	9 3	9 4	11 54			n.a.
S 11	7 54	18 9	1 55	18 52	1 40	2 9	0 11	2 50	0 2	24 29	1 3	19 0	1 26	4 41	0 36	23 31	0 18	16 49	3 14	9 3	9 5	11 58			n.a.
S 12	7 31	12 59	0 48	18 42	1 47	2 41	0 9	3 7	0 2	24 29	1 3	19 0	1 26	4 41	0 36	23 31	0 17	16 49	3 14	9 3	9 6	12 1			n.a.
M13	7 9	7 24	0s20	18 30	1 54	3 13	0 6	3 24	0 1	24 29	1 3	19 0	1 26	4 40	0 36	23 31	0 17	16 49	3 14	9 3	9 7	12 4			n.a.
T 14	6 46	1 37	1 26	18 16	2 1	3 44	0 3	3 41	0 0	24 29	1 3	19 0	1 26	4 39	0 36	23 31	0 17	16 49	3 14	9 3	9 8	12 7			n.a.
W15	6 23	4s 9	2 27	18 0	2 7	4 16	0 0	3 58	0n 0	24 29	1 3	19 0	1 27	4 38	0 36	23 31	0 17	16 50	3 13	9 3	9 10	12 10			n.a.
T 16	6 1	9 44	3 22	17 43	2 12	4 47	0n 3	4 15	0 1	24 29	1 3	19 0	1 27	4 37	0 36	23 31	0 17	16 50	3 13	9 3	9 11	12 13			n.a.
F 17	5 38	14 57	4 8	17 25	2 16	5 19	0 5	4 32	0 2	24 29	1 3	19 0	1 27	4 37	0 37	23 31	0 17	16 50	3 13	9 4	9 12	12 16			n.a.
S 18	5 15	19 37	4 43	17 4	2 21	5 50	0 8	4 49	0 2	24 28	1 3	19 0	1 27	4 36	0 37	23 31	0 17	16 50	3 13	9 4	9 13	12 19			n.a.
S 19	4 52	23 32	5 6	16 42	2 24	6 21	0 11	5 6	0 3	24 28	1 3	19 0	1 27	4 35	0 37	23 32	0 17	16 51	3 13	9 5	9 14	12 23			n.a.
M20	4 29	26 30	5 16	16 18	2 27	6 52	0 14	5 23	0 4	24 28	1 3	19 0	1 27	4 34	0 37	23 32	0 17	16 51	3 13	9 5	9 16	12 26			n.a.
T 21	4 5	28 18	5 12	15 53	2 29	7 23	0 17	5 39	0 4	24 28	1 2	19 0	1 27	4 33	0 37	23 32	0 17	16 51	3 13	9 5	9 17	12 29			n.a.
W22	3 42	28 43	4 54	15 25	2 31	7 54	0 20	5 56	0 5	24 28	1 2	19 0	1 27	4 32	0 37	23 32	0 17	16 52	3 13	9 5	9 18	12 32			n.a.
T 23	3 19	27 37	4 20	14 57	2 33	8 24	0 23	6 13	0 5	24 28	1 2	19 0	1 27	4 31	0 37	23 32	0 17	16 52	3 12	9 5	9 19	12 35			n.a.
F 24	2 56	24 57	3 32	14 26	2 33	8 55	0 26	6 29	0 6	24 28	1 2	19 0	1 27	4 30	0 37	23 32	0 17	16 52	3 12	9 5	9 20	12 38			n.a.
S 25	2 32	20 49	2 31	13 54	2 33	9 25	0 29	6 46	0 7	24 27	1 2	19 0	1 27	4 29	0 37	23 32	0 17	16 52	3 12	9 4	9 22	12 41			n.a.
S 26	2 9	15 25	1 19	13 20	2 33	9 55	0 31	7 2	0 7	24 27	1 2	19 0	1 27	4 29	0 37	23 32	0 17	16 53	3 12	9 4	9 23	12 44			n.a.
M27	1 46	9 1	0n 1	12 45	2 32	10 24	0 34	7 19	0 8	24 27	1 2	18 59	1 27	4 28	0 37	23 32	0 17	16 53	3 12	9 4	9 24	12 47			n.a.
T 28	1 22	1 59	1 21	12 8	2 30	10 54	0 37	7 35	0 9	24 27	1 2	18 59	1 27	4 27	0 37	23 32	0 17	16 53	3 12	9 4	9 25	12 50			n.a.
W29	0 59	5n14	2 38	11 29	2 28	11 23	0 40	7 51	0 9	24 26	1 2	18 59	1 28	4 26	0 37	23 32	0 17	16 54	3 12	9 4	9 26	12 54			n.a.
T 30	0 36	12 11	3 43	10 49	2 25	11 52	0 43	8 7	0 10	24 26	1 2	18 59	1 28	4 25	0 37	23 32	0 17	16 54	3 12	9 5	9 27	12 57			n.a.
F 31	0s12	18n24	4n33	10s 7	2s22	12n20	0n46	8n23	0n10	24n26	1n 2	18s58	1n28	4s24	0n37	23n32	0s17	16n54	3s11	9s 6	9s29	13s 0			n.a.

Julian Day Number = 1339430.5, Delta T = 07h17m06s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'48, Lahiri = -18°23'47 Julian Calendar 1 March 1046 BCE == Greg. Calendar 19 Feb. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

APRIL 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 55 29	0♈27'47	21♉55	11♓46	1♉ 8	21♈26	10♋25	29°R38	12°R19	28♊34	27♉56	6°R53	5♓53	24♎ 5	n.a.	S 1
S 2	11 59 25	1°25'37	6♊23	13°31	2°19	22° 7	10°28	29♏36	12♎16	28°35	27°57	6♓51	5°50	24°12	n.a.	S 2
M 3	12 3 22	2°23'25	20°27	15°18	3°31	22°47	10°31	29°35	12°14	28°35	27°58	6°49	5°47	24°19	n.a.	M 3
T 4	12 7 19	3°21'11	4♋ 8	17° 7	4°43	23°27	10°34	29°34	12°11	28°36	27°59	6°D49	5°44	24°25	n.a.	T 4
W 5	12 11 15	4°18'56	17°24	18°58	5°55	24° 8	10°38	29°32	12° 9	28°36	28° 0	6°49	5°41	24°32	n.a.	W 5
T 6	12 15 12	5°16'38	0♌20	20°51	7° 6	24°48	10°41	29°31	12° 6	28°37	28° 1	6°51	5°37	24°39	n.a.	T 6
F 7	12 19 8	6°14'19	12°58	22°46	8°18	25°29	10°45	29°29	12° 4	28°37	28° 2	6°52	5°34	24°45	n.a.	F 7
S 8	12 23 5	7°11'58	25°21	24°43	9°30	26° 9	10°48	29°27	12° 1	28°38	28° 3	6°54	5°31	24°52	n.a.	S 8
S 9	12 27 1	8° 9'35	7♍33	26°41	10°41	26°49	10°52	29°25	11°59	28°39	28° 4	6°R54	5°28	24°59	n.a.	S 9
M10	12 30 58	9° 7'11	19°36	28°41	11°52	27°29	10°57	29°23	11°56	28°39	28° 5	6°53	5°25	25° 5	n.a.	M10
T 11	12 34 54	10° 4'45	1♎33	0♈43	13° 4	28°10	11° 1	29°21	11°54	28°40	28° 6	6°51	5°21	25°12	n.a.	T 11
W12	12 38 51	11° 2'18	13°26	2°47	14°15	28°50	11° 5	29°19	11°51	28°41	28° 7	6°47	5°18	25°19	n.a.	W12
T 13	12 42 47	11°59'49	25°17	4°52	15°26	29°30	11°10	29°17	11°49	28°41	28° 8	6°42	5°15	25°26	n.a.	T 13
F 14	12 46 44	12°57'19	7♏ 8	6°59	16°37	0♉10	11°15	29°15	11°46	28°42	28° 9	6°35	5°12	25°32	n.a.	F 14
S 15	12 50 41	13°54'48	19° 1	9° 7	17°48	0°50	11°20	29°12	11°44	28°43	28°10	6°29	5° 9	25°39	n.a.	S 15
S 16	12 54 37	14°52'16	0♐58	11°16	18°59	1°30	11°25	29°10	11°41	28°44	28°11	6°22	5° 6	25°46	n.a.	S 16
M17	12 58 34	15°49'43	13° 2	13°26	20°10	2°10	11°30	29° 7	11°39	28°45	28°13	6°17	5° 2	25°52	n.a.	M17
T 18	13 2 30	16°47'09	25°16	15°37	21°21	2°50	11°35	29° 5	11°36	28°46	28°14	6°13	4°59	25°59	n.a.	T 18
W19	13 6 27	17°44'35	7♑43	17°48	22°32	3°30	11°41	29° 2	11°34	28°47	28°15	6°11	4°56	26° 6	n.a.	W19
T 20	13 10 23	18°41'59	20°28	20° 0	23°43	4°10	11°46	28°59	11°31	28°48	28°16	6°D10	4°53	26°12	n.a.	T 20
F 21	13 14 20	19°39'22	3♒35	22°11	24°53	4°50	11°52	28°57	11°29	28°49	28°17	6°11	4°50	26°19	n.a.	F 21
S 22	13 18 16	20°36'45	17° 5	24°22	26° 4	5°30	11°58	28°54	11°26	28°50	28°19	6°12	4°47	26°26	n.a.	S 22
S 23	13 22 13	21°34'07	1♓ 3	26°33	27°14	6° 9	12° 4	28°51	11°24	28°51	28°20	6°R13	4°43	26°32	n.a.	S 23
M24	13 26 10	22°31'28	15°27	28°43	28°25	6°49	12°11	28°48	11°21	28°52	28°21	6°13	4°40	26°39	n.a.	M24
T 25	13 30 6	23°28'48	0♈16	0♉51	29°35	7°29	12°17	28°45	11°19	28°53	28°22	6°11	4°37	26°46	n.a.	T 25
W26	13 34 3	24°26'07	15°22	2°58	0♊45	8° 9	12°23	28°41	11°17	28°54	28°24	6° 7	4°34	26°53	n.a.	W26
T 27	13 37 59	25°23'25	0♉38	5° 4	1°56	8°48	12°30	28°38	11°14	28°55	28°25	6° 1	4°31	26°59	n.a.	T 27
F 28	13 41 56	26°20'43	15°52	7° 8	3° 6	9°28	12°37	28°35	11°12	28°56	28°26	5°53	4°27	27° 6	n.a.	F 28
S 29	13 45 52	27°18'00	0♊54	9°10	4°16	10° 8	12°44	28°31	11° 9	28°58	28°27	5°46	4°24	27°13	n.a.	S 29
S 30	13 49 49	28♈15'15	15♊36	11♉10	5♊26	10♉47	12♋51	28♏28	11♎ 7	28♊59	28♉29	5♓39	4♓21	27♎19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	0n11	23n25	5n 4	9s23	2s18	12n49	0n49	8n39	0n11	24n26	1n 1	18s58	1n28	4s23	0n37	23n32	0s17	16n55	3s11	9s 7		9s30		13s 3			n.a.
S 2	0 35	26 52	5 14	8 38	2 14	13 17	0 52	8 55	0 12	24 25	1 1	18 58	1 28	4 22	0 37	23 32	0 17	16 55	3 11	9 8		9 31		13 6			n.a.
M 3	0 58	28 33	5 5	7 51	2 9	13 45	0 55	9 11	0 12	24 25	1 1	18 57	1 28	4 21	0 37	23 32	0 17	16 55	3 11	9 9		9 32		13 9			n.a.
T 4	1 21	28 25	4 39	7 3	2 4	14 12	0 57	9 27	0 13	24 25	1 1	18 57	1 28	4 20	0 37	23 32	0 17	16 56	3 11	9 9		9 33		13 12			n.a.
W 5	1 45	26 37	3 59	6 14	1 58	14 39	1 0	9 43	0 13	24 24	1 1	18 57	1 28	4 19	0 37	23 32	0 17	16 56	3 11	9 9		9 35		13 15			n.a.
T 6	2 8	23 27	3 7	5 23	1 51	15 6	1 3	9 58	0 14	24 24	1 1	18 56	1 28	4 18	0 37	23 32	0 17	16 56	3 11	9 8		9 36		13 18			n.a.
F 7	2 31	19 14	2 7	4 30	1 44	15 32	1 6	10 14	0 14	24 24	1 1	18 56	1 28	4 17	0 37	23 32	0 17	16 57	3 11	9 8		9 37		13 21			n.a.
S 8	2 54	14 16	1 3	3 36	1 37	15 58	1 9	10 29	0 15	24 23	1 1	18 55	1 28	4 16	0 37	23 32	0 17	16 57	3 11	9 7		9 38		13 24			n.a.
S 9	3 17	8 49	0s 4	2 41	1 29	16 23	1 11	10 45	0 16	24 23	1 1	18 55	1 28	4 15	0 37	23 32	0 17	16 57	3 10	9 7		9 39		13 27			n.a.
M10	3 40	3 8	1 9	1 45	1 20	16 49	1 14	11 0	0 16	24 22	1 1	18 54	1 28	4 14	0 37	23 32	0 17	16 58	3 10	9 7		9 41		13 30			n.a.
T 11	4 3	2s37	2 11	0 48	1 11	17 13	1 17	11 15	0 17	24 22	1 1	18 54	1 28	4 13	0 37	23 32	0 17	16 58	3 10	9 8		9 42		13 33			n.a.
W12	4 26	8 14	3 6	0n11	1 2	17 38	1 19	11 30	0 17	24 21	1 1	18 53	1 28	4 12	0 37	23 32	0 17	16 58	3 10	9 10		9 43		13 36			n.a.
T 13	4 49	13 33	3 53	1 10	0 52	18 2	1 22	11 45	0 18	24 21	1 0	18 53	1 28	4 11	0 37	23 32	0 17	16 59	3 10	9 12		9 44		13 39			n.a.
F 14	5 12	18 22	4 30	2 10	0 43	18 25	1 24	12 0	0 18	24 20	1 0	18 52	1 28	4 10	0 37	23 32	0 17	16 59	3 10	9 14		9 45		13 42			n.a.
S 15	5 34	22 29	4 56	3 11	0 32	18 48	1 27	12 15	0 19	24 20	1 0	18 52	1 28	4 9	0 37	23 32	0 17	16 59	3 10	9 17		9 46		13 45			n.a.
S 16	5 57	25 42	5 8	4 11	0 22	19 10	1 29	12 29	0 20	24 19	1 0	18 51	1 28	4 8	0 37	23 32	0 17	17 0	3 10	9 19		9 48		13 48			n.a.
M17	6 19	27 49	5 8	5 13	0 12	19 32	1 32	12 44	0 20	24 19	1 0	18 51	1 28	4 7	0 37	23 32	0 17	17 0	3 10	9 21		9 49		13 52			n.a.
T 18	6 42	28 37	4 53	6 14	0 1	19 54	1 34	12 58	0 21	24 18	1 0	18 50	1 28	4 6	0 36	23 32	0 17	17 0	3 9	9 23		9 50		13 55			n.a.
W19	7 4	28 0	4 24	7 15	0n10	20 15	1 36	13 13	0 21	24 18	1 0	18 49	1 29	4 5	0 36	23 32	0 17	17 1	3 9	9 23		9 51		13 58			n.a.
T 20	7 26	25 54	3 42	8 15	0 20	20 35	1 39	13 27	0 22	24 17	1 0	18 49	1 29	4 4	0 36	23 32	0 17	17 1	3 9	9 24		9 52		14 1			n.a.
F 21	7 48	22 22	2 47	9 15	0 30	20 55	1 41	13 41	0 22	24 16	1 0	18 48	1 29	4 3	0 36	23 32	0 17	17 1	3 9	9 23		9 54		14 4			n.a.
S 22	8 10	17 34	1 42	10 13	0 41	21 15	1 43	13 55	0 23	24 16	1 0	18 48	1 29	4 2	0 36	23 32	0 17	17 2	3 9	9 23		9 55		14 7			n.a.
S 23	8 32	11 42	0 28	11 11	0 50	21 34	1 45	14 9	0 23	24 15	1 0	18 47	1 29	4 1	0 36	23 32	0 17	17 2	3 9	9 22		9 56		14 10			n.a.
M24	8 54	5 4	0n50	12 7	1 0	21 52	1 47	14 23	0 24	24 14	0 59	18 46	1 29	4 0	0 36	23 32	0 17	17 3	3 9	9 23		9 57		14 13			n.a.
T 25	9 16	2n 2	2 6	13 2	1 9	22 10	1 49	14 37	0 24	24 14	0 59	18 45	1 29	3 59	0 36	23 33	0 17	17 3	3 9	9 23		9 58		14 16			n.a.
W26	9 37	9 8	3 15	13 55	1 18	22 27	1 51	14 50	0 25	24 13	0 59	18 45	1 29	3 58	0 36	23 33	0 16	17 3	3 9	9 25		9 59		14 19			n.a.
T 27	9 58	15 47	4 11	14 46	1 26	22 43	1 53	15 4	0 25	24 12	0 59	18 44	1 29	3 57	0 36	23 33	0 16	17 4	3 9	9 27		10 1		14 22			n.a.
F 28	10 20	21 26	4 48	15 35	1 33	22 59	1 55	15 17	0 26	24 12	0 59	18 43	1 29	3 57	0 36	23 33	0 16	17 4	3 8	9 30		10 2		14 24			n.a.
S 29	10 41	25 39	5 6	16 22	1 40	23 15	1 57	15 30	0 27	24 11	0 59	18 42	1 29	3 56	0 36	23 33	0 16	17 4	3 8	9 33		10 3		14 27			n.a.
S 30	11n 1	28n 2	5n 2	17n 6	1n47	23n29	1n58	15n44	0n27	24n10	0n59	18s42	1n29	3s55	0n36	23n33	0s16	17n 5	3s 8	9s35		10s 4		14s30			n.a.

Julian Day Number = 1339461.5, Delta T = 07h17m05s
Ecliptic obliquity = 23°49'20, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'43, Lahiri = -18°23'43 Julian Calendar 1 Apr. 1046 BCE == Greg. Calendar 22 March 1046 BCE

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

MAY 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 53 46	29♈12'30	29♊52	13♉ 7	6♊36	11♉27	12♋58	28°R24	11°R 5	29♊ 0	28♉30	5°R34	4♓18	27♎26	n.a.	M 1
T 2	13 57 42	0♉ 9'44	13♋38	15° 3	7°45	12° 7	13° 6	28♏21	11♎ 2	29° 2	28°32	5♓31	4°15	27°33	n.a.	T 2
W 3	14 1 39	1° 6'56	26°57	16°56	8°55	12°46	13°13	28°17	11° 0	29° 3	28°33	5°D29	4°12	27°39	n.a.	W 3
T 4	14 5 35	2° 4'08	9♌50	18°47	10° 5	13°26	13°21	28°14	10°58	29° 4	28°34	5°30	4° 8	27°46	n.a.	T 4
F 5	14 9 32	3° 1'18	22°23	20°35	11°14	14° 5	13°28	28°10	10°55	29° 6	28°36	5°30	4° 5	27°53	n.a.	F 5
S 6	14 13 28	3°58'28	4♍38	22°21	12°24	14°44	13°36	28° 6	10°53	29° 7	28°37	5°R31	4° 2	28° 0	n.a.	S 6
S 7	14 17 25	4°55'37	16°42	24° 4	13°33	15°24	13°44	28° 2	10°51	29° 8	28°38	5°30	3°59	28° 6	n.a.	S 7
M 8	14 21 21	5°52'45	28°38	25°45	14°42	16° 3	13°52	27°58	10°49	29°10	28°40	5°28	3°56	28°13	n.a.	M 8
T 9	14 25 18	6°49'52	10♎29	27°24	15°51	16°43	14° 0	27°55	10°47	29°11	28°41	5°23	3°52	28°20	n.a.	T 9
W10	14 29 15	7°46'59	22°19	28°59	17° 0	17°22	14° 9	27°51	10°44	29°13	28°43	5°15	3°49	28°26	n.a.	W10
T 11	14 33 11	8°44'05	4♏10	0♊33	18° 9	18° 1	14°17	27°47	10°42	29°14	28°44	5° 5	3°46	28°33	n.a.	T 11
F 12	14 37 8	9°41'11	16° 4	2° 3	19°18	18°40	14°26	27°42	10°40	29°16	28°46	4°54	3°43	28°40	n.a.	F 12
S 13	14 41 4	10°38'16	28° 2	3°31	20°27	19°20	14°34	27°38	10°38	29°18	28°47	4°42	3°40	28°46	n.a.	S 13
S 14	14 45 1	11°35'21	10♐ 5	4°57	21°35	19°59	14°43	27°34	10°36	29°19	28°48	4°30	3°37	28°53	n.a.	S 14
M15	14 48 57	12°32'26	22°16	6°20	22°44	20°38	14°52	27°30	10°34	29°21	28°50	4°20	3°33	29° 0	n.a.	M15
T 16	14 52 54	13°29'31	4♑36	7°40	23°52	21°17	15° 1	27°26	10°32	29°23	28°51	4°12	3°30	29° 6	n.a.	T 16
W17	14 56 50	14°26'36	17° 7	8°57	25° 0	21°56	15°10	27°22	10°30	29°24	28°53	4° 7	3°27	29°13	n.a.	W17
T 18	15 0 47	15°23'41	29°53	10°12	26° 8	22°36	15°19	27°18	10°28	29°26	28°54	4° 4	3°24	29°20	n.a.	T 18
F 19	15 4 44	16°20'45	12♒57	11°23	27°16	23°15	15°28	27°13	10°26	29°28	28°56	4°D 3	3°21	29°27	n.a.	F 19
S 20	15 8 40	17°17'50	26°22	12°32	28°24	23°54	15°38	27° 9	10°25	29°29	28°57	4°R 3	3°18	29°33	n.a.	S 20
S 21	15 12 37	18°14'55	10♓10	13°38	29°32	24°33	15°47	27° 5	10°23	29°31	28°59	4° 3	3°14	29°40	n.a.	S 21
M22	15 16 33	19°12'01	24°24	14°41	0♋40	25°12	15°57	27° 0	10°21	29°33	29° 0	4° 2	3°11	29°47	n.a.	M22
T 23	15 20 30	20° 9'06	9♈ 0	15°41	1°47	25°51	16° 6	26°56	10°19	29°35	29° 2	3°58	3° 8	29°53	n.a.	T 23
W24	15 24 26	21° 6'12	23°57	16°37	2°54	26°30	16°16	26°52	10°18	29°36	29° 3	3°52	3° 5	0♏ 0	n.a.	W24
T 25	15 28 23	22° 3'17	9♉ 7	17°30	4° 2	27° 9	16°26	26°47	10°16	29°38	29° 5	3°44	3° 2	0° 7	n.a.	T 25
F 26	15 32 20	23° 0'23	24°19	18°20	5° 9	27°48	16°36	26°43	10°14	29°40	29° 6	3°34	2°58	0°13	n.a.	F 26
S 27	15 36 16	23°57'30	9♊23	19° 6	6°16	28°27	16°46	26°38	10°13	29°42	29° 8	3°23	2°55	0°20	n.a.	S 27
S 28	15 40 13	24°54'36	24° 9	19°49	7°23	29° 6	16°56	26°34	10°11	29°44	29° 9	3°13	2°52	0°27	n.a.	S 28
M29	15 44 9	25°51'42	8♋30	20°27	8°29	29°45	17° 6	26°30	10°10	29°46	29°11	3° 5	2°49	0°34	n.a.	M29
T 30	15 48 6	26°48'48	22°23	21° 2	9°36	0♊24	17°17	26°25	10° 8	29°48	29°12	2°59	2°46	0°40	n.a.	T 30
W31	15 52 2	27♉45'54	5♌46	21♊33	10♋42	1♊ 2	17♋27	26♏21	10♎ 7	29♊50	29♉14	2♓56	2♓43	0♏47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n22	28n29	4n40	17n48	1n52	23n44	2n 0	15n57	0n28	24n 9	0n59	18s41	1n29	3s54	0n36	23n33	0s16	17n 5	3s 8	9s37	10s 5	14s33			n.a.
T 2	11 43	27 7	4 2	18 28	1 57	23 57	2 2	16 10	0 28	24 9	0 59	18 40	1 29	3 53	0 36	23 33	0 16	17 6	3 8	9 38	10 6	14 36			n.a.
W 3	12 3	24 14	3 12	19 6	2 2	24 10	2 3	16 22	0 29	24 8	0 59	18 39	1 29	3 52	0 36	23 33	0 16	17 6	3 8	9 39	10 8	14 39			n.a.
T 4	12 23	20 12	2 13	19 41	2 5	24 22	2 4	16 35	0 29	24 7	0 59	18 39	1 29	3 51	0 36	23 33	0 16	17 6	3 8	9 39	10 9	14 42			n.a.
F 5	12 43	15 22	1 10	20 14	2 8	24 33	2 6	16 47	0 30	24 6	0 59	18 38	1 29	3 50	0 36	23 33	0 16	17 7	3 8	9 38	10 10	14 45			n.a.
S 6	13 3	10 2	0 5	20 45	2 10	24 44	2 7	17 0	0 30	24 5	0 59	18 37	1 29	3 49	0 36	23 33	0 16	17 7	3 8	9 38	10 11	14 48			n.a.
S 7	13 22	4 25	1s 0	21 13	2 12	24 54	2 8	17 12	0 31	24 4	0 59	18 36	1 29	3 48	0 36	23 33	0 16	17 8	3 8	9 38	10 12	14 51			n.a.
M 8	13 42	1s17	2 0	21 39	2 12	25 4	2 9	17 24	0 31	24 3	0 58	18 35	1 29	3 48	0 36	23 33	0 16	17 8	3 8	9 39	10 14	14 54			n.a.
T 9	14 1	6 54	2 55	22 2	2 12	25 13	2 10	17 36	0 32	24 2	0 58	18 34	1 29	3 47	0 36	23 33	0 16	17 8	3 7	9 41	10 15	14 57			n.a.
W10	14 20	12 15	3 42	22 23	2 12	25 21	2 11	17 48	0 32	24 1	0 58	18 33	1 29	3 46	0 36	23 33	0 16	17 9	3 7	9 44	10 16	15 0			n.a.
T 11	14 38	17 11	4 20	22 43	2 10	25 28	2 12	18 0	0 33	24 0	0 58	18 32	1 29	3 45	0 36	23 33	0 16	17 9	3 7	9 48	10 17	15 3			n.a.
F 12	14 57	21 28	4 46	23 0	2 8	25 35	2 12	18 11	0 33	23 59	0 58	18 32	1 29	3 44	0 36	23 33	0 16	17 10	3 7	9 52	10 18	15 6			n.a.
S 13	15 15	24 54	5 0	23 15	2 5	25 41	2 13	18 23	0 34	23 58	0 58	18 31	1 29	3 43	0 36	23 33	0 16	17 10	3 7	9 56	10 19	15 9			n.a.
S 14	15 33	27 16	5 1	23 27	2 2	25 46	2 14	18 34	0 34	23 57	0 58	18 30	1 29	3 43	0 36	23 33	0 16	17 10	3 7	10 1	10 21	15 12			n.a.
M15	15 51	28 23	4 48	23 38	1 58	25 51	2 14	18 45	0 35	23 56	0 58	18 29	1 29	3 42	0 36	23 33	0 16	17 11	3 7	10 4	10 22	15 15			n.a.
T 16	16 8	28 5	4 21	23 47	1 53	25 55	2 14	18 56	0 35	23 55	0 58	18 28	1 28	3 41	0 36	23 33	0 16	17 11	3 7	10 7	10 23	15 17			n.a.
W17	16 26	26 22	3 42	23 55	1 47	25 58	2 14	19 7	0 35	23 54	0 58	18 27	1 28	3 40	0 36	23 33	0 16	17 12	3 7	10 9	10 24	15 20			n.a.
T 18	16 43	23 16	2 51	24 0	1 41	26 0	2 15	19 18	0 36	23 53	0 58	18 26	1 28	3 40	0 36	23 33	0 16	17 12	3 7	10 10	10 25	15 23			n.a.
F 19	16 59	18 56	1 49	24 4	1 34	26 2	2 15	19 28	0 36	23 52	0 58	18 25	1 28	3 39	0 36	23 33	0 16	17 12	3 7	10 11	10 26	15 26			n.a.
S 20	17 16	13 34	0 41	24 6	1 27	26 3	2 15	19 38	0 37	23 51	0 58	18 24	1 28	3 38	0 36	23 33	0 16	17 13	3 7	10 11	10 28	15 29			n.a.
S 21	17 32	7 23	0n32	24 6	1 19	26 4	2 14	19 49	0 37	23 50	0 58	18 23	1 28	3 38	0 36	23 33	0 16	17 13	3 7	10 11	10 29	15 32			n.a.
M22	17 48	0 39	1 46	24 5	1 10	26 3	2 14	19 59	0 38	23 48	0 58	18 22	1 28	3 37	0 36	23 33	0 16	17 13	3 6	10 11	10 30	15 35			n.a.
T 23	18 4	6n17	2 54	24 3	1 1	26 2	2 14	20 9	0 38	23 47	0 58	18 21	1 28	3 36	0 36	23 33	0 16	17 14	3 6	10 13	10 31	15 38			n.a.
W24	18 19	13 1	3 52	23 59	0 51	26 0	2 13	20 19	0 39	23 46	0 58	18 20	1 28	3 36	0 36	23 33	0 16	17 14	3 6	10 15	10 32	15 41			n.a.
T 25	18 34	19 4	4 34	23 54	0 40	25 58	2 13	20 28	0 39	23 45	0 57	18 19	1 28	3 35	0 36	23 33	0 16	17 15	3 6	10 18	10 33	15 43			n.a.
F 26	18 49	23 56	4 57	23 47	0 29	25 55	2 12	20 38	0 40	23 43	0 57	18 18	1 28	3 34	0 36	23 33	0 16	17 15	3 6	10 22	10 35	15 46			n.a.
S 27	19 4	27 8	4 59	23 40	0 18	25 51	2 11	20 47	0 40	23 42	0 57	18 18	1 28	3 34	0 36	23 33	0 16	17 15	3 6	10 26	10 36	15 49			n.a.
S 28	19 18	28 22	4 41	23 31	0 6	25 47	2 10	20 56	0 41	23 41	0 57	18 17	1 28	3 33	0 36	23 33	0 16	17 16	3 6	10 29	10 37	15 52			n.a.
M29	19 32	27 38	4 6	23 22	0s 7	25 41	2 9	21 5	0 41	23 39	0 57	18 16	1 28	3 32	0 36	23 33	0 16	17 16	3 6	10 32	10 38	15 55			n.a.
T 30	19 45	25 10	3 17	23 11	0 20	25 35	2 8	21 14	0 41	23 38	0 57	18 15	1 28	3 32	0 36	23 33	0 16	17 17	3 6	10 34	10 39	15 58			n.a.
W31	19n59	21n22	2n18	22n59	0s33	25n29	2n 6	21n23	0n42	23n36	0n57	18s14	1n28	3s31	0n36	23n33	0s16	17n17	3s 6	10s35	10s40	16s 1			n.a.

Julian Day Number = 1339491.5, Delta T = 07h17m03s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'39, Lahiri = -18°23'39 Julian Calendar 1 May 1046 BCE == Greg. Calendar 21 Apr. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

JUNE 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 55 59	28♉43'00	18♌42	21♊59	11♋48	1♊41	17♋37	26°R16	10°R 5	29♊52	29♉15	2°R55	2♓39	0♏54	n.a.	T 1
F 2	15 59 55	29°40'06	1♍15	22°21	12°54	2°20	17°48	26♏12	10♎ 4	29°54	29°17	2♓54	2°36	1° 0	n.a.	F 2
S 3	16 3 52	0♊37'12	13°30	22°39	14° 0	2°59	17°59	26° 8	10° 3	29°56	29°18	2°54	2°33	1° 7	n.a.	S 3
S 4	16 7 49	1°34'18	25°31	22°52	15° 6	3°38	18° 9	26° 3	10° 2	29°58	29°20	2°53	2°30	1°14	n.a.	S 4
M 5	16 11 45	2°31'24	7♎25	23° 0	16°11	4°16	18°20	25°59	10° 0	29°59	29°21	2°50	2°27	1°21	n.a.	M 5
T 6	16 15 42	3°28'30	19°15	23°R 4	17°16	4°55	18°31	25°55	9°59	0♋ 2	29°23	2°44	2°24	1°27	n.a.	T 6
W 7	16 19 38	4°25'37	1♏ 5	23° 3	18°22	5°34	18°42	25°50	9°58	0° 4	29°24	2°35	2°20	1°34	n.a.	W 7
T 8	16 23 35	5°22'44	12°59	22°57	19°26	6°12	18°53	25°46	9°57	0° 6	29°26	2°24	2°17	1°41	n.a.	T 8
F 9	16 27 31	6°19'51	24°58	22°46	20°31	6°51	19° 4	25°42	9°56	0° 8	29°27	2°11	2°14	1°47	n.a.	F 9
S 10	16 31 28	7°16'59	7♐ 4	22°31	21°36	7°30	19°15	25°37	9°55	0°10	29°29	1°58	2°11	1°54	n.a.	S 10
S 11	16 35 25	8°14'08	19°18	22°11	22°40	8° 8	19°26	25°33	9°54	0°12	29°30	1°45	2° 8	2° 1	n.a.	S 11
M12	16 39 21	9°11'17	1♑41	21°46	23°44	8°47	19°38	25°29	9°53	0°14	29°32	1°33	2° 4	2° 7	n.a.	M12
T 13	16 43 18	10° 8'27	14°13	21°18	24°48	9°26	19°49	25°25	9°52	0°16	29°33	1°24	2° 1	2°14	n.a.	T 13
W14	16 47 14	11° 5'38	26°56	20°46	25°51	10° 4	20° 0	25°20	9°52	0°18	29°35	1°17	1°58	2°21	n.a.	W14
T 15	16 51 11	12° 2'50	9♒51	20°10	26°55	10°43	20°12	25°16	9°51	0°20	29°36	1°14	1°55	2°28	n.a.	T 15
F 16	16 55 7	13° 0'02	23° 1	19°32	27°58	11°21	20°23	25°12	9°50	0°23	29°38	1°12	1°52	2°34	n.a.	F 16
S 17	16 59 4	13°57'16	6♓26	18°52	29° 1	12° 0	20°35	25° 8	9°50	0°25	29°39	1°D12	1°49	2°41	n.a.	S 17
S 18	17 3 0	14°54'31	20°10	18°10	0♌ 3	12°38	20°46	25° 4	9°49	0°27	29°41	1°R12	1°45	2°48	n.a.	S 18
M19	17 6 57	15°51'47	4♈13	17°27	1° 6	13°17	20°58	25° 0	9°48	0°29	29°42	1°11	1°42	2°54	n.a.	M19
T 20	17 10 54	16°49'04	18°36	16°44	2° 8	13°56	21°10	24°56	9°48	0°31	29°44	1° 8	1°39	3° 1	n.a.	T 20
W21	17 14 50	17°46'22	3♉15	16° 2	3°10	14°34	21°22	24°52	9°47	0°33	29°45	1° 2	1°36	3° 8	n.a.	W21
T 22	17 18 47	18°43'42	18° 6	15°21	4°11	15°13	21°34	24°49	9°47	0°36	29°47	0°54	1°33	3°15	n.a.	T 22
F 23	17 22 43	19°41'03	3♊ 1	14°42	5°12	15°51	21°46	24°45	9°47	0°38	29°48	0°45	1°30	3°21	n.a.	F 23
S 24	17 26 40	20°38'24	17°51	14° 6	6°13	16°29	21°58	24°41	9°46	0°40	29°50	0°35	1°26	3°28	n.a.	S 24
S 25	17 30 36	21°35'47	2♋28	13°34	7°14	17° 8	22°10	24°37	9°46	0°42	29°51	0°25	1°23	3°35	n.a.	S 25
M26	17 34 33	22°33'11	16°45	13° 6	8°14	17°46	22°22	24°34	9°46	0°44	29°52	0°17	1°20	3°41	n.a.	M26
T 27	17 38 30	23°30'36	0♌36	12°43	9°14	18°25	22°34	24°30	9°46	0°47	29°54	0°11	1°17	3°48	n.a.	T 27
W28	17 42 26	24°28'02	14° 0	12°26	10°14	19° 3	22°46	24°27	9°46	0°49	29°55	0° 8	1°14	3°55	n.a.	W28
T 29	17 46 23	25°25'29	26°58	12°14	11°13	19°42	22°58	24°23	9°D46	0°51	29°57	0°D 7	1°10	4° 2	n.a.	T 29
F 30	17 50 19	26♊22'56	9♍33	12°D 8	12♌12	20♊20	23♋10	24♏20	9♎46	0♋53	29♉58	0♓ 7	1♓ 7	4♏ 8	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n12	16n38	1n14	22n47	0s47	25n22	2n 5	21n31	0n42	23n35	0n57	18s13	1n27	3s31	0n36	23n33	0s16	17n17	3s 6	10s36	10s41	16s 4		n.a.
F 2	20 24	11 20	0 9	22 34	1 2	25 14	2 3	21 40	0 43	23 34	0 57	18 12	1 27	3 30	0 35	23 34	0 16	17 18	3 6	10 36	10 43	16 6		n.a.
S 3	20 36	5 44	0s56	22 21	1 16	25 5	2 2	21 48	0 43	23 32	0 57	18 11	1 27	3 30	0 35	23 34	0 16	17 18	3 6	10 36	10 44	16 9		n.a.
S 4	20 48	0 2	1 57	22 7	1 31	24 56	2 0	21 56	0 44	23 31	0 57	18 10	1 27	3 29	0 35	23 34	0 16	17 19	3 6	10 37	10 45	16 12		n.a.
M 5	21 0	5s36	2 51	21 52	1 46	24 46	1 58	22 4	0 44	23 29	0 57	18 9	1 27	3 29	0 35	23 34	0 16	17 19	3 6	10 38	10 46	16 15		n.a.
T 6	21 11	11 1	3 39	21 37	2 1	24 36	1 56	22 11	0 45	23 28	0 57	18 8	1 27	3 29	0 35	23 34	0 16	17 19	3 6	10 40	10 47	16 18		n.a.
W 7	21 22	16 2	4 16	21 22	2 16	24 25	1 54	22 19	0 45	23 26	0 57	18 7	1 27	3 28	0 35	23 34	0 16	17 20	3 5	10 43	10 48	16 20		n.a.
T 8	21 32	20 28	4 43	21 7	2 31	24 13	1 51	22 26	0 45	23 24	0 57	18 6	1 27	3 28	0 35	23 34	0 16	17 20	3 5	10 47	10 50	16 23		n.a.
F 9	21 43	24 7	4 57	20 52	2 46	24 1	1 49	22 33	0 46	23 23	0 57	18 5	1 27	3 27	0 35	23 34	0 16	17 20	3 5	10 52	10 51	16 26		n.a.
S 10	21 52	26 44	4 58	20 36	3 0	23 49	1 46	22 40	0 46	23 21	0 57	18 4	1 27	3 27	0 35	23 34	0 16	17 21	3 5	10 57	10 52	16 29		n.a.
S 11	22 2	28 8	4 46	20 21	3 14	23 35	1 44	22 47	0 47	23 20	0 57	18 3	1 27	3 27	0 35	23 34	0 16	17 21	3 5	11 1	10 53	16 32		n.a.
M12	22 11	28 9	4 20	20 7	3 27	23 21	1 41	22 54	0 47	23 18	0 57	18 2	1 26	3 26	0 35	23 34	0 16	17 21	3 5	11 6	10 54	16 35		n.a.
T 13	22 20	26 43	3 41	19 52	3 40	23 7	1 38	23 0	0 47	23 16	0 57	18 2	1 26	3 26	0 35	23 34	0 16	17 22	3 5	11 9	10 55	16 37		n.a.
W14	22 28	23 53	2 50	19 38	3 52	22 52	1 35	23 6	0 48	23 14	0 57	18 1	1 26	3 26	0 35	23 34	0 16	17 22	3 5	11 11	10 57	16 40		n.a.
T 15	22 36	19 50	1 50	19 25	4 2	22 36	1 32	23 12	0 48	23 13	0 57	18 0	1 26	3 26	0 35	23 34	0 16	17 23	3 5	11 13	10 58	16 43		n.a.
F 16	22 43	14 45	0 43	19 13	4 12	22 20	1 28	23 18	0 49	23 11	0 57	17 59	1 26	3 25	0 35	23 34	0 16	17 23	3 5	11 13	10 59	16 46		n.a.
S 17	22 50	8 52	0n28	19 2	4 20	22 4	1 25	23 24	0 49	23 9	0 57	17 58	1 26	3 25	0 35	23 34	0 16	17 23	3 5	11 13	11 0	16 48		n.a.
S 18	22 57	2 27	1 39	18 52	4 27	21 47	1 21	23 30	0 49	23 7	0 57	17 57	1 26	3 25	0 35	23 34	0 16	17 24	3 5	11 13	11 1	16 51		n.a.
M19	23 3	4n13	2 45	18 43	4 32	21 30	1 17	23 35	0 50	23 5	0 57	17 56	1 26	3 25	0 35	23 34	0 16	17 24	3 5	11 14	11 2	16 54		n.a.
T 20	23 9	10 50	3 43	18 35	4 35	21 12	1 14	23 40	0 50	23 4	0 57	17 56	1 25	3 24	0 35	23 34	0 16	17 24	3 5	11 15	11 3	16 57		n.a.
W21	23 15	16 58	4 27	18 29	4 37	20 53	1 9	23 45	0 51	23 2	0 57	17 55	1 25	3 24	0 35	23 34	0 16	17 25	3 5	11 17	11 5	17 0		n.a.
T 22	23 20	22 12	4 54	18 25	4 37	20 34	1 5	23 50	0 51	23 0	0 57	17 54	1 25	3 24	0 35	23 34	0 15	17 25	3 5	11 20	11 6	17 2		n.a.
F 23	23 25	26 1	5 1	18 22	4 35	20 15	1 1	23 55	0 51	22 58	0 57	17 53	1 25	3 24	0 35	23 34	0 15	17 25	3 5	11 23	11 7	17 5		n.a.
S 24	23 29	28 2	4 48	18 22	4 32	19 56	0 57	23 59	0 52	22 56	0 57	17 52	1 25	3 24	0 35	23 34	0 15	17 26	3 5	11 27	11 8	17 8		n.a.
S 25	23 33	28 4	4 16	18 23	4 27	19 36	0 52	24 3	0 52	22 54	0 57	17 52	1 25	3 24	0 35	23 34	0 15	17 26	3 5	11 30	11 9	17 11		n.a.
M26	23 37	26 12	3 29	18 26	4 20	19 15	0 47	24 7	0 53	22 52	0 57	17 51	1 25	3 24	0 35	23 34	0 15	17 26	3 5	11 33	11 10	17 13		n.a.
T 27	23 40	22 47	2 30	18 31	4 12	18 54	0 42	24 11	0 53	22 50	0 57	17 50	1 24	3 24	0 35	23 34	0 15	17 27	3 5	11 35	11 11	17 16		n.a.
W28	23 42	18 14	1 25	18 38	4 3	18 33	0 37	24 15	0 53	22 48	0 57	17 49	1 24	3 24	0 35	23 34	0 15	17 27	3 5	11 36	11 13	17 19		n.a.
T 29	23 44	12 59	0 17	18 47	3 52	18 12	0 32	24 18	0 54	22 46	0 57	17 49	1 24	3 24	0 35	23 34	0 15	17 27	3 5	11 37	11 14	17 21		n.a.
F 30	23n46	7n20	0s50	18n58	3s41	17n50	0n27	24n22	0n54	22n44	0n57	17s48	1n24	3s24	0n34	23n34	0s15	17n28	3s 5	11s37	11s15	17s24		n.a.

Julian Day Number = 1339522.5, Delta T = 07h17m02s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'35, Lahiri = -18°23'35 Julian Calendar 1 June 1046 BCE == Greg. Calendar 22 May 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

JULY 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 54 16	27♊20'25	21♍50	12♊ 9	13♌11	20♊58	23♋23	24°R16	9♎46	0♋55	29♉59	0°R 8	1♓ 4	4♏15	n.a.	S 1
S 2	17 58 12	28°17'54	3♎53	12°16	14° 9	21°37	23°35	24♏13	9°46	0°58	0♊ 1	0♓ 7	1° 1	4°22	n.a.	S 2
M 3	18 2 9	29°15'24	15°48	12°30	15° 7	22°15	23°48	24°10	9°46	1° 0	0° 2	0° 6	0°58	4°28	n.a.	M 3
T 4	18 6 5	0♋12'56	27°39	12°50	16° 4	22°53	24° 0	24° 7	9°46	1° 2	0° 3	0° 2	0°55	4°35	n.a.	T 4
W 5	18 10 2	1°10'28	9♏31	13°18	17° 1	23°32	24°12	24° 4	9°47	1° 4	0° 5	29♒56	0°51	4°42	n.a.	W 5
T 6	18 13 59	2° 8'02	21°28	13°52	17°57	24°10	24°25	24° 1	9°47	1° 7	0° 6	29°48	0°48	4°48	n.a.	T 6
F 7	18 17 55	3° 5'37	3♐33	14°34	18°53	24°48	24°37	23°58	9°47	1° 9	0° 7	29°39	0°45	4°55	n.a.	F 7
S 8	18 21 52	4° 3'13	15°48	15°22	19°48	25°26	24°50	23°55	9°48	1°11	0° 9	29°29	0°42	5° 2	n.a.	S 8
S 9	18 25 48	5° 0'51	28°15	16°16	20°43	26° 5	25° 3	23°52	9°48	1°13	0°10	29°19	0°39	5° 9	n.a.	S 9
M10	18 29 45	5°58'30	10♑53	17°17	21°38	26°43	25°15	23°49	9°49	1°15	0°11	29°10	0°36	5°15	n.a.	M10
T 11	18 33 41	6°56'11	23°43	18°24	22°32	27°21	25°28	23°47	9°50	1°18	0°13	29° 3	0°32	5°22	n.a.	T 11
W12	18 37 38	7°53'53	6♒45	19°37	23°25	28° 0	25°41	23°44	9°50	1°20	0°14	28°59	0°29	5°29	n.a.	W12
T 13	18 41 34	8°51'37	19°59	20°56	24°18	28°38	25°53	23°42	9°51	1°22	0°15	28°57	0°26	5°35	n.a.	T 13
F 14	18 45 31	9°49'22	3♓24	22°21	25°10	29°16	26° 6	23°39	9°52	1°24	0°16	28°D57	0°23	5°42	n.a.	F 14
S 15	18 49 28	10°47'10	17° 0	23°50	26° 1	29°54	26°19	23°37	9°52	1°27	0°18	28°57	0°20	5°49	n.a.	S 15
S 16	18 53 24	11°44'59	0♈49	25°24	26°52	0♋32	26°32	23°35	9°53	1°29	0°19	28°58	0°16	5°56	n.a.	S 16
M17	18 57 21	12°42'50	14°50	27° 2	27°42	1°11	26°45	23°33	9°54	1°31	0°20	28°R59	0°13	6° 2	n.a.	M17
T 18	19 1 17	13°40'43	29° 3	28°44	28°32	1°49	26°57	23°31	9°55	1°33	0°21	28°58	0°10	6° 9	n.a.	T 18
W19	19 5 14	14°38'38	13♉25	0♋29	29°21	2°27	27°10	23°29	9°56	1°35	0°22	28°55	0° 7	6°16	n.a.	W19
T 20	19 9 10	15°36'35	27°53	2°18	0♍ 9	3° 5	27°23	23°27	9°57	1°38	0°23	28°50	0° 4	6°22	n.a.	T 20
F 21	19 13 7	16°34'35	12♊23	4° 9	0°56	3°43	27°36	23°25	9°58	1°40	0°24	28°44	0° 1	6°29	n.a.	F 21
S 22	19 17 3	17°32'36	26°48	6° 1	1°43	4°22	27°49	23°23	9°59	1°42	0°26	28°38	29♒57	6°36	n.a.	S 22
S 23	19 21 0	18°30'39	11♋ 3	7°56	2°28	5° 0	28° 2	23°22	10° 1	1°44	0°27	28°32	29°54	6°43	n.a.	S 23
M24	19 24 57	19°28'44	25° 3	9°52	3°13	5°38	28°15	23°20	10° 2	1°46	0°28	28°27	29°51	6°49	n.a.	M24
T 25	19 28 53	20°26'50	8♌42	11°49	3°57	6°16	28°28	23°19	10° 3	1°48	0°29	28°23	29°48	6°56	n.a.	T 25
W26	19 32 50	21°24'59	21°59	13°46	4°40	6°54	28°41	23°17	10° 5	1°50	0°30	28°22	29°45	7° 3	n.a.	W26
T 27	19 36 46	22°23'08	4♍55	15°44	5°22	7°32	28°54	23°16	10° 6	1°53	0°31	28°D22	29°42	7° 9	n.a.	T 27
F 28	19 40 43	23°21'20	17°30	17°41	6° 3	8°11	29° 7	23°15	10° 8	1°55	0°32	28°23	29°38	7°16	n.a.	F 28
S 29	19 44 39	24°19'33	29°48	19°39	6°43	8°49	29°20	23°14	10° 9	1°57	0°33	28°25	29°35	7°23	n.a.	S 29
S 30	19 48 36	25°17'48	11♎52	21°36	7°22	9°27	29°33	23°13	10°11	1°59	0°34	28°26	29°32	7°30	n.a.	S 30
M31	19 52 32	26♋16'04	23♎48	23♋32	8♍ 0	10♋ 5	29♋46	23♏12	10♎12	2♋ 1	0♊35	28°R27	29♒29	7♏36	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	1n34	1s53	19n10	3s28	17n28	0n21	24n25	0n55	22n42	0n57	17s47	1n24	3s24	0n34	23n34	0s15	17n28	3s 5	11s36	11s16	17s27		n.a.
S 2	23 49	4s10	2 50	19 24	3 15	17 6	0 16	24 28	0 55	22 39	0 57	17 47	1 24	3 24	0 34	23 34	0 15	17 28	3 5	11 36	11 17	17 30		n.a.
M 3	23 49	9 40	3 39	19 40	3 1	16 43	0 10	24 31	0 55	22 37	0 57	17 46	1 23	3 24	0 34	23 34	0 15	17 29	3 5	11 37	11 18	17 32		n.a.
T 4	23 49	14 48	4 18	19 57	2 46	16 20	0 4	24 33	0 56	22 35	0 57	17 45	1 23	3 24	0 34	23 34	0 15	17 29	3 5	11 38	11 19	17 35		n.a.
W 5	23 49	19 24	4 46	20 16	2 31	15 57	0s 2	24 36	0 56	22 33	0 57	17 45	1 23	3 25	0 34	23 34	0 15	17 29	3 5	11 40	11 21	17 38		n.a.
T 6	23 48	23 15	5 1	20 35	2 15	15 34	0 8	24 38	0 56	22 31	0 57	17 44	1 23	3 25	0 34	23 34	0 15	17 29	3 5	11 43	11 22	17 40		n.a.
F 7	23 47	26 10	5 4	20 56	2 0	15 10	0 14	24 40	0 57	22 28	0 57	17 44	1 23	3 25	0 34	23 34	0 15	17 30	3 4	11 47	11 23	17 43		n.a.
S 8	23 45	27 54	4 52	21 17	1 44	14 47	0 21	24 42	0 57	22 26	0 57	17 43	1 23	3 25	0 34	23 34	0 15	17 30	3 4	11 50	11 24	17 46		n.a.
S 9	23 43	28 16	4 27	21 38	1 29	14 23	0 28	24 43	0 57	22 24	0 57	17 43	1 22	3 25	0 34	23 34	0 15	17 30	3 4	11 54	11 25	17 48		n.a.
M10	23 41	27 10	3 48	21 59	1 13	13 59	0 34	24 45	0 58	22 21	0 57	17 42	1 22	3 26	0 34	23 34	0 15	17 31	3 4	11 57	11 26	17 51		n.a.
T 11	23 38	24 37	2 57	22 21	0 58	13 35	0 41	24 46	0 58	22 19	0 57	17 42	1 22	3 26	0 34	23 34	0 15	17 31	3 4	11 59	11 27	17 54		n.a.
W12	23 35	20 45	1 56	22 42	0 43	13 10	0 48	24 47	0 58	22 17	0 57	17 41	1 22	3 26	0 34	23 34	0 15	17 31	3 4	12 1	11 29	17 57		n.a.
T 13	23 31	15 49	0 48	23 2	0 28	12 46	0 55	24 48	0 59	22 14	0 57	17 41	1 22	3 26	0 34	23 34	0 15	17 31	3 4	12 2	11 30	17 59		n.a.
F 14	23 27	10 3	0n24	23 22	0 14	12 21	1 3	24 48	0 59	22 12	0 57	17 40	1 22	3 27	0 34	23 34	0 15	17 32	3 4	12 2	11 31	18 2		n.a.
S 15	23 23	3 45	1 36	23 40	0 1	11 57	1 10	24 49	1 0	22 9	0 57	17 40	1 21	3 27	0 34	23 34	0 15	17 32	3 4	12 1	11 32	18 4		n.a.
S 16	23 18	2n49	2 43	23 56	0n12	11 32	1 18	24 49	1 0	22 7	0 57	17 39	1 21	3 28	0 34	23 34	0 15	17 32	3 4	12 1	11 33	18 7		n.a.
M17	23 12	9 20	3 42	24 11	0 24	11 7	1 26	24 49	1 0	22 5	0 57	17 39	1 21	3 28	0 34	23 34	0 15	17 33	3 4	12 1	11 34	18 10		n.a.
T 18	23 6	15 28	4 28	24 25	0 36	10 43	1 34	24 49	1 1	22 2	0 57	17 39	1 21	3 28	0 34	23 34	0 15	17 33	3 4	12 1	11 35	18 12		n.a.
W19	23 0	20 50	4 58	24 35	0 46	10 18	1 42	24 49	1 1	22 0	0 57	17 38	1 21	3 29	0 34	23 34	0 15	17 33	3 4	12 2	11 37	18 15		n.a.
T 20	22 54	25 0	5 9	24 44	0 56	9 53	1 50	24 48	1 1	21 57	0 57	17 38	1 20	3 29	0 34	23 34	0 15	17 33	3 4	12 4	11 38	18 18		n.a.
F 21	22 46	27 36	5 0	24 50	1 5	9 29	1 58	24 48	1 2	21 54	0 57	17 38	1 20	3 30	0 34	23 34	0 15	17 33	3 4	12 6	11 39	18 20		n.a.
S 22	22 39	28 19	4 33	24 54	1 13	9 4	2 7	24 47	1 2	21 52	0 57	17 38	1 20	3 30	0 34	23 34	0 15	17 34	3 4	12 8	11 40	18 23		n.a.
S 23	22 31	27 9	3 48	24 55	1 20	8 39	2 15	24 46	1 2	21 49	0 57	17 37	1 20	3 31	0 34	23 33	0 15	17 34	3 4	12 10	11 41	18 26		n.a.
M24	22 23	24 16	2 51	24 53	1 26	8 15	2 24	24 44	1 3	21 47	0 57	17 37	1 20	3 31	0 34	23 33	0 15	17 34	3 4	12 12	11 42	18 28		n.a.
T 25	22 14	20 3	1 45	24 49	1 32	7 51	2 33	24 43	1 3	21 44	0 57	17 37	1 20	3 32	0 34	23 33	0 15	17 34	3 4	12 13	11 43	18 31		n.a.
W26	22 5	14 57	0 35	24 42	1 36	7 27	2 42	24 41	1 3	21 41	0 57	17 37	1 19	3 32	0 34	23 33	0 15	17 35	3 4	12 14	11 45	18 33		n.a.
T 27	21 56	9 19	0s36	24 32	1 40	7 2	2 51	24 40	1 4	21 39	0 57	17 37	1 19	3 33	0 33	23 33	0 15	17 35	3 4	12 14	11 46	18 36		n.a.
F 28	21 46	3 27	1 42	24 20	1 43	6 39	3 0	24 38	1 4	21 36	0 58	17 37	1 19	3 34	0 33	23 33	0 15	17 35	3 4	12 13	11 47	18 39		n.a.
S 29	21 36	2s24	2 43	24 6	1 46	6 15	3 10	24 35	1 4	21 33	0 58	17 37	1 19	3 34	0 33	23 33	0 15	17 35	3 4	12 13	11 48	18 41		n.a.
S 30	21 25	8 3	3 35	23 49	1 47	5 52	3 19	24 33	1 4	21 31	0 58	17 36	1 19	3 35	0 33	23 33	0 15	17 35	3 4	12 12	11 49	18 44		n.a.
M31	21n14	13s21	4s17	23n30	1n48	5n29	3s29	24n31	1n 5	21n28	0n58	17s36	1n18	3s36	0n33	23n33	0s15	17n36	3s 4	12s12	11s50	18s46		n.a.

Julian Day Number = 1339552.5, Delta T = 07h17m00s
Ecliptic obliquity = 23°49'18, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'31, Lahiri = -18°23'31 Julian Calendar 1 July 1046 BCE == Greg. Calendar 21 June 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

AUGUST 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 56 29	27♋14'22	5♏41	25♋28	8♍37	10♋43	29♋59	23°R11	10♎14	2♋ 3	0♊36	28°R27	29♒26	7♏43	n.a.	T 1
W 2	20 0 26	28°12'42	17°34	27°23	9°12	11°21	0♌12	23♏11	10°16	2° 5	0°37	28♒25	29°22	7°50	n.a.	W 2
T 3	20 4 22	29°11'04	29°34	29°17	9°46	11°59	0°25	23°10	10°17	2° 7	0°38	28°22	29°19	7°56	n.a.	T 3
F 4	20 8 19	0♌ 9'28	11♐43	1♌10	10°19	12°37	0°38	23°10	10°19	2° 9	0°38	28°18	29°16	8° 3	n.a.	F 4
S 5	20 12 15	1° 7'53	24° 4	3° 3	10°50	13°15	0°51	23° 9	10°21	2°11	0°39	28°14	29°13	8°10	n.a.	S 5
S 6	20 16 12	2° 6'20	6♑41	4°54	11°20	13°53	1° 4	23° 9	10°23	2°13	0°40	28° 9	29°10	8°17	n.a.	S 6
M 7	20 20 8	3° 4'49	19°34	6°44	11°48	14°32	1°17	23° 9	10°25	2°15	0°41	28° 5	29° 7	8°23	n.a.	M 7
T 8	20 24 5	4° 3'20	2♒43	8°33	12°15	15°10	1°30	23°D 9	10°27	2°17	0°42	28° 3	29° 3	8°30	n.a.	T 8
W 9	20 28 1	5° 1'53	16° 8	10°21	12°40	15°48	1°44	23° 9	10°29	2°19	0°43	28° 1	29° 0	8°37	n.a.	W 9
T 10	20 31 58	6° 0'28	29°46	12° 8	13° 3	16°26	1°57	23° 9	10°31	2°21	0°43	28°D 1	28°57	8°43	n.a.	T 10
F 11	20 35 55	6°59'05	13♓36	13°54	13°25	17° 4	2°10	23° 9	10°33	2°23	0°44	28° 1	28°54	8°50	n.a.	F 11
S 12	20 39 51	7°57'45	27°35	15°39	13°45	17°42	2°23	23° 9	10°35	2°25	0°45	28° 2	28°51	8°57	n.a.	S 12
S 13	20 43 48	8°56'26	11♈40	17°23	14° 3	18°20	2°36	23°10	10°37	2°27	0°45	28° 4	28°48	9° 4	n.a.	S 13
M14	20 47 44	9°55'11	25°50	19° 6	14°19	18°58	2°49	23°10	10°40	2°28	0°46	28° 5	28°44	9°10	n.a.	M14
T 15	20 51 41	10°53'57	10♉ 3	20°48	14°34	19°36	3° 2	23°11	10°42	2°30	0°47	28°R 5	28°41	9°17	n.a.	T 15
W16	20 55 37	11°52'46	24°15	22°28	14°46	20°14	3°15	23°12	10°44	2°32	0°47	28° 5	28°38	9°24	n.a.	W16
T 17	20 59 34	12°51'38	8♊25	24° 8	14°56	20°52	3°28	23°12	10°47	2°34	0°48	28° 4	28°35	9°30	n.a.	T 17
F 18	21 3 30	13°50'32	22°30	25°47	15° 4	21°30	3°41	23°13	10°49	2°36	0°49	28° 2	28°32	9°37	n.a.	F 18
S 19	21 7 27	14°49'29	6♋28	27°25	15°10	22° 8	3°54	23°14	10°51	2°37	0°49	28° 0	28°28	9°44	n.a.	S 19
S 20	21 11 23	15°48'28	20°15	29° 2	15°14	22°46	4° 7	23°15	10°54	2°39	0°50	27°59	28°25	9°51	n.a.	S 20
M21	21 15 20	16°47'29	3♌49	0♍38	15°R15	23°24	4°19	23°17	10°56	2°41	0°50	27°57	28°22	9°57	n.a.	M21
T 22	21 19 17	17°46'32	17° 7	2°13	15°14	24° 2	4°32	23°18	10°59	2°43	0°51	27°57	28°19	10° 4	n.a.	T 22
W23	21 23 13	18°45'37	0♍10	3°47	15°11	24°40	4°45	23°19	11° 2	2°44	0°51	27°D57	28°16	10°11	n.a.	W23
T 24	21 27 10	19°44'45	12°55	5°21	15° 5	25°18	4°58	23°21	11° 4	2°46	0°52	27°57	28°13	10°17	n.a.	T 24
F 25	21 31 6	20°43'54	25°25	6°53	14°57	25°56	5°11	23°22	11° 7	2°48	0°52	27°57	28° 9	10°24	n.a.	F 25
S 26	21 35 3	21°43'06	7♎40	8°25	14°47	26°34	5°24	23°24	11°10	2°49	0°52	27°58	28° 6	10°31	n.a.	S 26
S 27	21 38 59	22°42'19	19°44	9°56	14°34	27°12	5°37	23°26	11°12	2°51	0°53	27°59	28° 3	10°38	n.a.	S 27
M28	21 42 56	23°41'35	1♏41	11°26	14°18	27°50	5°49	23°28	11°15	2°52	0°53	27°59	28° 0	10°44	n.a.	M28
T 29	21 46 52	24°40'52	13°33	12°54	14° 1	28°28	6° 2	23°29	11°18	2°54	0°53	28° 0	27°57	10°51	n.a.	T 29
W30	21 50 49	25°40'12	25°26	14°23	13°41	29° 6	6°15	23°32	11°21	2°55	0°54	28°R 0	27°53	10°58	n.a.	W30
T 31	21 54 45	26♌39'33	7♐25	15♍50	13♍19	29♋45	6♌27	23♏34	11♎24	2♋57	0♊54	28♒ 0	27♒50	11♏ 4	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n 3	18s 9	4s48	23n 9	1n48	5n 6	3s39	24n28	1n 5	21n25	0n58	17s36	1n18	3s36	0n33	23n33	0s15	17n36	3s 4	12s12	11s51	18s49		n.a.
W 2	20 51	22 15	5 7	22 46	1 48	4 43	3 49	24 25	1 5	21 22	0 58	17 36	1 18	3 37	0 33	23 33	0 15	17 36	3 4	12 13	11 52	18 51		n.a.
T 3	20 39	25 27	5 13	22 22	1 47	4 21	3 59	24 22	1 6	21 19	0 58	17 37	1 18	3 38	0 33	23 33	0 15	17 36	3 4	12 14	11 54	18 54		n.a.
F 4	20 26	27 34	5 4	21 55	1 45	3 59	4 9	24 18	1 6	21 17	0 58	17 37	1 18	3 38	0 33	23 33	0 15	17 36	3 4	12 15	11 55	18 56		n.a.
S 5	20 14	28 23	4 42	21 28	1 43	3 38	4 19	24 15	1 6	21 14	0 58	17 37	1 17	3 39	0 33	23 33	0 15	17 37	3 4	12 17	11 56	18 59		n.a.
S 6	20 0	27 44	4 5	20 58	1 41	3 17	4 29	24 11	1 7	21 11	0 58	17 37	1 17	3 40	0 33	23 33	0 15	17 37	3 4	12 18	11 57	19 2		n.a.
M 7	19 47	25 35	3 16	20 28	1 38	2 57	4 40	24 7	1 7	21 8	0 58	17 37	1 17	3 41	0 33	23 33	0 15	17 37	3 4	12 20	11 58	19 4		n.a.
T 8	19 33	22 3	2 15	19 56	1 34	2 37	4 50	24 3	1 7	21 5	0 58	17 37	1 17	3 42	0 33	23 33	0 15	17 37	3 4	12 21	11 59	19 7		n.a.
W 9	19 19	17 17	1 5	19 23	1 31	2 17	5 1	23 59	1 8	21 2	0 58	17 37	1 17	3 42	0 33	23 33	0 15	17 37	3 4	12 21	12 0	19 9		n.a.
T 10	19 4	11 35	0n10	18 48	1 26	1 59	5 11	23 55	1 8	20 59	0 58	17 38	1 16	3 43	0 33	23 33	0 15	17 37	3 4	12 21	12 1	19 12		n.a.
F 11	18 49	5 15	1 25	18 13	1 22	1 41	5 22	23 50	1 8	20 57	0 58	17 38	1 16	3 44	0 33	23 33	0 15	17 37	3 4	12 21	12 3	19 14		n.a.
S 12	18 34	1n24	2 36	17 38	1 17	1 23	5 32	23 46	1 8	20 54	0 59	17 38	1 16	3 45	0 33	23 33	0 15	17 38	3 4	12 21	12 4	19 17		n.a.
S 13	18 19	8 1	3 38	17 1	1 12	1 6	5 43	23 41	1 9	20 51	0 59	17 38	1 16	3 46	0 33	23 33	0 15	17 38	3 4	12 20	12 5	19 19		n.a.
M14	18 3	14 16	4 27	16 23	1 7	0 50	5 53	23 36	1 9	20 48	0 59	17 39	1 16	3 47	0 33	23 33	0 15	17 38	3 4	12 20	12 6	19 22		n.a.
T 15	17 47	19 48	5 0	15 45	1 1	0 35	6 4	23 30	1 9	20 45	0 59	17 39	1 15	3 48	0 33	23 33	0 15	17 38	3 4	12 20	12 7	19 24		n.a.
W16	17 30	24 13	5 15	15 7	0 55	0 21	6 14	23 25	1 10	20 42	0 59	17 39	1 15	3 49	0 33	23 33	0 15	17 38	3 4	12 20	12 8	19 27		n.a.
T 17	17 13	27 10	5 10	14 28	0 49	0 7	6 25	23 19	1 10	20 39	0 59	17 40	1 15	3 50	0 33	23 33	0 15	17 38	3 4	12 20	12 9	19 29		n.a.
F 18	16 56	28 23	4 47	13 48	0 43	0s 5	6 35	23 14	1 10	20 36	0 59	17 40	1 15	3 51	0 33	23 33	0 15	17 38	3 4	12 21	12 10	19 32		n.a.
S 19	16 39	27 47	4 7	13 8	0 37	0 17	6 45	23 8	1 10	20 33	0 59	17 41	1 15	3 52	0 33	23 33	0 15	17 38	3 5	12 21	12 12	19 34		n.a.
S 20	16 21	25 27	3 14	12 28	0 30	0 28	6 55	23 2	1 11	20 30	0 59	17 41	1 14	3 53	0 33	23 33	0 15	17 39	3 5	12 22	12 13	19 37		n.a.
M21	16 3	21 42	2 10	11 48	0 24	0 37	7 5	22 55	1 11	20 27	0 59	17 42	1 14	3 54	0 33	23 33	0 15	17 39	3 5	12 22	12 14	19 39		n.a.
T 22	15 45	16 54	1 0	11 7	0 17	0 46	7 15	22 49	1 11	20 24	0 59	17 42	1 14	3 55	0 33	23 33	0 15	17 39	3 5	12 23	12 15	19 42		n.a.
W23	15 26	11 24	0s12	10 26	0 10	0 53	7 24	22 42	1 12	20 21	0 59	17 43	1 14	3 56	0 33	23 33	0 15	17 39	3 5	12 23	12 16	19 44		n.a.
T 24	15 8	5 33	1 22	9 45	0 3	0 59	7 33	22 35	1 12	20 17	1 0	17 43	1 14	3 57	0 33	23 33	0 15	17 39	3 5	12 23	12 17	19 47		n.a.
F 25	14 49	0s23	2 26	9 4	0s 4	1 4	7 42	22 29	1 12	20 14	1 0	17 44	1 13	3 58	0 33	23 33	0 15	17 39	3 5	12 22	12 18	19 49		n.a.
S 26	14 29	6 11	3 23	8 22	0 11	1 7	7 50	22 21	1 12	20 11	1 0	17 44	1 13	3 59	0 33	23 33	0 15	17 39	3 5	12 22	12 19	19 51		n.a.
S 27	14 10	11 40	4 9	7 41	0 18	1 10	7 58	22 14	1 13	20 8	1 0	17 45	1 13	4 0	0 32	23 33	0 15	17 39	3 5	12 22	12 20	19 54		n.a.
M28	13 50	16 40	4 44	7 0	0 26	1 10	8 5	22 7	1 13	20 5	1 0	17 46	1 13	4 1	0 32	23 33	0 15	17 39	3 5	12 22	12 22	19 56		n.a.
T 29	13 30	21 1	5 7	6 19	0 33	1 10	8 12	21 59	1 13	20 2	1 0	17 46	1 13	4 3	0 32	23 33	0 15	17 39	3 5	12 22	12 23	19 59		n.a.
W30	13 10	24 32	5 17	5 38	0 40	1 8	8 18	21 52	1 13	19 59	1 0	17 47	1 12	4 4	0 32	23 33	0 15	17 39	3 5	12 22	12 24	20 1		n.a.
T 31	12n50	27s 2	5s13	4n57	0s48	1s 5	8s24	21n44	1n14	19n56	1n 0	17s48	1n12	4s 5	0n32	23n32	0s15	17n39	3s 5	12s22	12s25	20s 4		n.a.

Julian Day Number = 1339583.5, Delta T = 07h16m58s
Ecliptic obliquity = 23°49'18, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'27, Lahiri = -18°23'26 Julian Calendar 1 Aug. 1046 BCE == Greg. Calendar 22 July 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

SEPTEMBER 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 58 42	27♌38'56	19♐33	17♍16	12°R55	0♌23	6♌40	23♏36	11♎27	2♋58	0♊54	28°D 0	27♒47	11♏11	n.a.	F 1
S 2	22 2 39	28°38'22	1♑56	18°42	12♍29	1° 1	6°53	23°38	11°30	3° 0	0°55	28♒ 0	27°44	11°18	n.a.	S 2
S 3	22 6 35	29°37'49	14°37	20° 6	12° 0	1°38	7° 5	23°41	11°33	3° 1	0°55	28° 0	27°41	11°25	n.a.	S 3
M 4	22 10 32	0♍37'18	27°38	21°30	11°31	2°16	7°18	23°43	11°36	3° 3	0°55	28° 0	27°38	11°31	n.a.	M 4
T 5	22 14 28	1°36'49	11♒ 1	22°52	10°59	2°54	7°30	23°46	11°39	3° 4	0°55	28° 0	27°34	11°38	n.a.	T 5
W 6	22 18 25	2°36'22	24°44	24°13	10°26	3°32	7°43	23°48	11°42	3° 5	0°55	28°R 0	27°31	11°45	n.a.	W 6
T 7	22 22 21	3°35'57	8♓47	25°34	9°52	4°10	7°55	23°51	11°45	3° 7	0°55	28° 0	27°28	11°52	n.a.	T 7
F 8	22 26 18	4°35'35	23° 5	26°53	9°17	4°48	8° 7	23°54	11°48	3° 8	0°56	28° 0	27°25	11°58	n.a.	F 8
S 9	22 30 14	5°35'14	7♈33	28°11	8°41	5°26	8°20	23°57	11°51	3° 9	0°56	27°59	27°22	12° 5	n.a.	S 9
S 10	22 34 11	6°34'56	22° 5	29°28	8° 5	6° 4	8°32	24° 0	11°55	3°10	0°56	27°58	27°19	12°12	n.a.	S 10
M11	22 38 8	7°34'40	6♉36	0♎43	7°28	6°42	8°44	24° 3	11°58	3°12	0°56	27°57	27°15	12°18	n.a.	M11
T 12	22 42 4	8°34'27	21° 0	1°57	6°52	7°20	8°56	24° 7	12° 1	3°13	0°R56	27°56	27°12	12°25	n.a.	T 12
W13	22 46 1	9°34'16	5♊15	3° 9	6°16	7°58	9° 8	24°10	12° 4	3°14	0°56	27°D56	27° 9	12°32	n.a.	W13
T 14	22 49 57	10°34'08	19°18	4°19	5°40	8°36	9°21	24°13	12° 8	3°15	0°56	27°56	27° 6	12°39	n.a.	T 14
F 15	22 53 54	11°34'02	3♋ 7	5°28	5° 5	9°14	9°33	24°17	12°11	3°16	0°56	27°57	27° 3	12°45	n.a.	F 15
S 16	22 57 50	12°33'59	16°42	6°34	4°31	9°52	9°45	24°20	12°14	3°17	0°55	27°58	26°59	12°52	n.a.	S 16
S 17	23 1 47	13°33'57	0♌ 3	7°38	3°58	10°30	9°56	24°24	12°18	3°18	0°55	27°59	26°56	12°59	n.a.	S 17
M18	23 5 43	14°33'58	13°11	8°40	3°26	11° 8	10° 8	24°28	12°21	3°19	0°55	28° 0	26°53	13° 5	n.a.	M18
T 19	23 9 40	15°34'01	26° 6	9°39	2°56	11°46	10°20	24°31	12°24	3°20	0°55	28°R 1	26°50	13°12	n.a.	T 19
W20	23 13 37	16°34'07	8♍49	10°35	2°28	12°24	10°32	24°35	12°28	3°21	0°55	28° 0	26°47	13°19	n.a.	W20
T 21	23 17 33	17°34'14	21°19	11°27	2° 1	13° 2	10°44	24°39	12°31	3°22	0°55	27°59	26°44	13°26	n.a.	T 21
F 22	23 21 30	18°34'23	3♎39	12°15	1°37	13°40	10°55	24°43	12°35	3°23	0°54	27°56	26°40	13°32	n.a.	F 22
S 23	23 25 26	19°34'34	15°48	12°59	1°15	14°18	11° 7	24°48	12°38	3°23	0°54	27°53	26°37	13°39	n.a.	S 23
S 24	23 29 23	20°34'47	27°49	13°39	0°55	14°56	11°18	24°52	12°42	3°24	0°54	27°49	26°34	13°46	n.a.	S 24
M25	23 33 19	21°35'02	9♏43	14°13	0°37	15°34	11°30	24°56	12°45	3°25	0°54	27°45	26°31	13°52	n.a.	M25
T 26	23 37 16	22°35'18	21°35	14°42	0°21	16°12	11°41	25° 0	12°49	3°26	0°53	27°42	26°28	13°59	n.a.	T 26
W27	23 41 12	23°35'36	3♐26	15° 4	0° 8	16°50	11°52	25° 5	12°53	3°26	0°53	27°39	26°25	14° 6	n.a.	W27
T 28	23 45 9	24°35'56	15°22	15°19	29♌58	17°28	12° 3	25° 9	12°56	3°27	0°52	27°37	26°21	14°13	n.a.	T 28
F 29	23 49 5	25°36'18	27°28	15°R26	29°50	18° 6	12°15	25°14	13° 0	3°28	0°52	27°D37	26°18	14°19	n.a.	F 29
S 30	23 53 2	26♍36'41	9♑46	15♎25	29♌44	18♌44	12♌26	25♏19	13♎ 3	3♋28	0♊52	27♒37	26♒15	14♏26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n29	28s18	4s55	4n16	0s55	1s 0	8s29	21n36	1n14	19n53	1n 0	17s49	1n12	4s 6	0n32	23n32	0s15	17n39	3s 5	12s22	12s26	20s 6		n.a.
S 2	12 8	28 12	4 23	3 35	1 2	0 54	8 33	21 27	1 14	19 50	1 1	17 49	1 12	4 7	0 32	23 32	0 15	17 39	3 5	12 22	12 27	20 8		n.a.
S 3	11 47	26 37	3 38	2 55	1 10	0 46	8 36	21 19	1 14	19 46	1 1	17 50	1 12	4 9	0 32	23 32	0 15	17 39	3 5	12 22	12 28	20 11		n.a.
M 4	11 26	23 35	2 41	2 15	1 17	0 37	8 39	21 11	1 15	19 43	1 1	17 51	1 11	4 10	0 32	23 32	0 15	17 39	3 5	12 22	12 29	20 13		n.a.
T 5	11 4	19 14	1 33	1 36	1 24	0 27	8 40	21 2	1 15	19 40	1 1	17 52	1 11	4 11	0 32	23 32	0 15	17 39	3 5	12 21	12 30	20 15		n.a.
W 6	10 43	13 46	0 18	0 56	1 31	0 15	8 41	20 53	1 15	19 37	1 1	17 53	1 11	4 12	0 32	23 32	0 15	17 39	3 5	12 21	12 32	20 18		n.a.
T 7	10 21	7 29	0n59	0 18	1 38	0 2	8 41	20 44	1 15	19 34	1 1	17 53	1 11	4 14	0 32	23 32	0 15	17 39	3 5	12 21	12 33	20 20		n.a.
F 8	9 59	0 44	2 15	0s21	1 45	0n12	8 40	20 35	1 16	19 31	1 1	17 54	1 11	4 15	0 32	23 32	0 15	17 39	3 5	12 22	12 34	20 23		n.a.
S 9	9 37	6n 7	3 22	0 58	1 52	0 27	8 38	20 26	1 16	19 28	1 1	17 55	1 11	4 16	0 32	23 32	0 15	17 39	3 5	12 22	12 35	20 25		n.a.
S 10	9 14	12 41	4 17	1 35	1 58	0 43	8 35	20 17	1 16	19 25	1 2	17 56	1 10	4 17	0 32	23 32	0 15	17 39	3 5	12 22	12 36	20 27		n.a.
M11	8 52	18 33	4 55	2 12	2 5	1 0	8 31	20 7	1 16	19 21	1 2	17 57	1 10	4 19	0 32	23 32	0 15	17 39	3 5	12 23	12 37	20 30		n.a.
T 12	8 29	23 20	5 14	2 47	2 11	1 18	8 26	19 58	1 17	19 18	1 2	17 58	1 10	4 20	0 32	23 32	0 15	17 39	3 5	12 23	12 38	20 32		n.a.
W13	8 6	26 39	5 14	3 22	2 17	1 37	8 20	19 48	1 17	19 15	1 2	17 59	1 10	4 21	0 32	23 32	0 15	17 39	3 5	12 23	12 39	20 34		n.a.
T 14	7 43	28 17	4 55	3 56	2 23	1 56	8 14	19 38	1 17	19 12	1 2	18 0	1 10	4 23	0 32	23 32	0 15	17 39	3 5	12 23	12 40	20 37		n.a.
F 15	7 20	28 6	4 19	4 28	2 29	2 16	8 6	19 28	1 17	19 9	1 2	18 1	1 9	4 24	0 32	23 32	0 15	17 39	3 5	12 23	12 42	20 39		n.a.
S 16	6 57	26 13	3 29	5 0	2 34	2 36	7 58	19 18	1 17	19 6	1 2	18 2	1 9	4 25	0 32	23 32	0 15	17 39	3 5	12 22	12 43	20 41		n.a.
S 17	6 34	22 53	2 28	5 30	2 39	2 57	7 49	19 8	1 18	19 3	1 3	18 3	1 9	4 27	0 32	23 32	0 15	17 39	3 5	12 22	12 44	20 44		n.a.
M18	6 10	18 25	1 21	5 59	2 44	3 17	7 39	18 57	1 18	19 0	1 3	18 4	1 9	4 28	0 32	23 32	0 15	17 39	3 5	12 22	12 45	20 46		n.a.
T 19	5 47	13 11	0 11	6 27	2 48	3 38	7 28	18 47	1 18	18 56	1 3	18 6	1 9	4 29	0 32	23 32	0 15	17 39	3 5	12 21	12 46	20 48		n.a.
W20	5 23	7 29	0s59	6 52	2 51	3 58	7 17	18 36	1 18	18 53	1 3	18 7	1 9	4 31	0 32	23 32	0 15	17 39	3 5	12 21	12 47	20 51		n.a.
T 21	4 59	1 35	2 5	7 16	2 55	4 18	7 5	18 25	1 19	18 50	1 3	18 8	1 8	4 32	0 32	23 32	0 15	17 39	3 5	12 22	12 48	20 53		n.a.
F 22	4 35	4s16	3 4	7 38	2 57	4 39	6 53	18 15	1 19	18 47	1 3	18 9	1 8	4 34	0 32	23 32	0 15	17 39	3 5	12 23	12 49	20 55		n.a.
S 23	4 11	9 53	3 53	7 57	2 59	4 58	6 41	18 4	1 19	18 44	1 4	18 10	1 8	4 35	0 32	23 32	0 15	17 39	3 5	12 24	12 50	20 58		n.a.
S 24	3 47	15 5	4 32	8 14	3 0	5 17	6 28	17 52	1 19	18 41	1 4	18 11	1 8	4 36	0 32	23 32	0 15	17 39	3 5	12 25	12 51	21 0		n.a.
M25	3 23	19 39	4 58	8 27	3 1	5 36	6 14	17 41	1 19	18 38	1 4	18 13	1 8	4 38	0 32	23 32	0 15	17 39	3 5	12 27	12 53	21 2		n.a.
T 26	2 59	23 27	5 12	8 38	3 0	5 54	6 1	17 30	1 20	18 35	1 4	18 14	1 8	4 39	0 32	23 32	0 15	17 39	3 5	12 28	12 54	21 4		n.a.
W27	2 35	26 16	5 12	8 45	2 58	6 11	5 47	17 18	1 20	18 32	1 4	18 15	1 7	4 41	0 32	23 32	0 15	17 39	3 5	12 29	12 55	21 7		n.a.
T 28	2 11	27 57	4 59	8 49	2 55	6 28	5 33	17 7	1 20	18 29	1 4	18 16	1 7	4 42	0 32	23 32	0 15	17 39	3 5	12 30	12 56	21 9		n.a.
F 29	1 46	28 20	4 32	8 48	2 51	6 44	5 19	16 55	1 20	18 26	1 5	18 18	1 7	4 44	0 32	23 32	0 15	17 38	3 5	12 30	12 57	21 11		n.a.
S 30	1n22	27s19	3s53	8s42	2s46	6n59	5s 5	16n43	1n20	18n23	1n 5	18s19	1n 7	4s45	0n32	23n32	0s15	17n38	3s 5	12s29	12s58	21s13		n.a.

Julian Day Number = 1339614.5, Delta T = 07h16m57s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'23, Lahiri = -18°23'22 Julian Calendar 1 Sept. 1046 BCE == Greg. Calendar 22 Aug. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

OCTOBER 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 56 59	27♍37'06	22♉23	15°R15	29°R41	19♌22	12♌37	25♏23	13♎ 7	3♋29	0°R51	27♒39	26♒12	14♏33	n.a.	S 1
M 2	0 0 55	28°37'32	5♒23	14♎55	29°D40	20° 0	12°47	25°28	13°11	3°29	0♊51	27°41	26° 9	14°40	n.a.	M 2
T 3	0 4 52	29°38'00	18°48	14°26	29♌41	20°38	12°58	25°33	13°14	3°30	0°50	27°42	26° 5	14°46	n.a.	T 3
W 4	0 8 48	0♎38'29	2♓40	13°46	29°45	21°16	13° 9	25°38	13°18	3°30	0°50	27°R42	26° 2	14°53	n.a.	W 4
T 5	0 12 45	1°39'00	16°57	12°57	29°52	21°53	13°20	25°43	13°22	3°31	0°49	27°41	25°59	15° 0	n.a.	T 5
F 6	0 16 41	2°39'32	1♈36	11°58	0♍ 0	22°31	13°30	25°48	13°25	3°31	0°49	27°38	25°56	15° 6	n.a.	F 6
S 7	0 20 38	3°40'06	16°30	10°52	0°11	23° 9	13°41	25°53	13°29	3°31	0°48	27°33	25°53	15°13	n.a.	S 7
S 8	0 24 34	4°40'42	1♉31	9°38	0°24	23°47	13°51	25°58	13°33	3°32	0°47	27°27	25°50	15°20	n.a.	S 8
M 9	0 28 31	5°41'19	16°29	8°20	0°39	24°25	14° 1	26° 4	13°36	3°32	0°47	27°22	25°46	15°27	n.a.	M 9
T 10	0 32 28	6°41'59	1♊15	6°59	0°57	25° 3	14°11	26° 9	13°40	3°32	0°46	27°16	25°43	15°33	n.a.	T 10
W11	0 36 24	7°42'41	15°45	5°39	1°16	25°41	14°22	26°14	13°44	3°33	0°46	27°13	25°40	15°40	n.a.	W11
T 12	0 40 21	8°43'24	29°53	4°21	1°37	26°19	14°32	26°20	13°48	3°33	0°45	27°11	25°37	15°47	n.a.	T 12
F 13	0 44 17	9°44'09	13♋39	3° 9	2° 0	26°57	14°42	26°25	13°51	3°33	0°44	27°D10	25°34	15°53	n.a.	F 13
S 14	0 48 14	10°44'56	27° 3	2° 5	2°25	27°35	14°51	26°31	13°55	3°33	0°43	27°11	25°31	16° 0	n.a.	S 14
S 15	0 52 10	11°45'45	10♌ 8	1° 9	2°52	28°13	15° 1	26°37	13°59	3°33	0°43	27°13	25°27	16° 7	n.a.	S 15
M16	0 56 7	12°46'35	22°57	0°25	3°21	28°50	15°11	26°42	14° 3	3°33	0°42	27°R14	25°24	16°14	n.a.	M16
T 17	1 0 3	13°47'27	5♍33	29♍52	3°51	29°28	15°20	26°48	14° 6	3°R33	0°41	27°13	25°21	16°20	n.a.	T 17
W18	1 4 0	14°48'20	17°57	29°30	4°22	0♍ 6	15°30	26°54	14°10	3°33	0°40	27°11	25°18	16°27	n.a.	W18
T 19	1 7 57	15°49'15	0♎12	29°D21	4°55	0°44	15°39	27° 0	14°14	3°33	0°40	27° 6	25°15	16°34	n.a.	T 19
F 20	1 11 53	16°50'11	12°19	29°22	5°30	1°22	15°48	27° 6	14°18	3°33	0°39	26°59	25°11	16°41	n.a.	F 20
S 21	1 15 50	17°51'09	24°21	29°34	6° 6	2° 0	15°57	27°12	14°21	3°33	0°38	26°50	25° 8	16°47	n.a.	S 21
S 22	1 19 46	18°52'08	6♏17	29°55	6°43	2°38	16° 6	27°18	14°25	3°33	0°37	26°40	25° 5	16°54	n.a.	S 22
M23	1 23 43	19°53'08	18°10	0♎25	7°22	3°15	16°15	27°24	14°29	3°32	0°36	26°29	25° 2	17° 1	n.a.	M23
T 24	1 27 39	20°54'09	0♐ 1	1° 3	8° 2	3°53	16°24	27°30	14°33	3°32	0°35	26°18	24°59	17° 7	n.a.	T 24
W25	1 31 36	21°55'11	11°52	1°48	8°43	4°31	16°32	27°36	14°36	3°32	0°34	26° 9	24°56	17°14	n.a.	W25
T 26	1 35 32	22°56'14	23°47	2°40	9°25	5° 9	16°41	27°42	14°40	3°32	0°33	26° 2	24°52	17°21	n.a.	T 26
F 27	1 39 29	23°57'18	5♉49	3°36	10° 9	5°47	16°49	27°48	14°44	3°31	0°32	25°58	24°49	17°28	n.a.	F 27
S 28	1 43 26	24°58'22	18° 3	4°38	10°53	6°25	16°57	27°55	14°47	3°31	0°31	25°56	24°46	17°34	n.a.	S 28
S 29	1 47 22	25°59'28	0♒34	5°43	11°39	7° 2	17° 5	28° 1	14°51	3°31	0°30	25°D56	24°43	17°41	n.a.	S 29
M30	1 51 19	27° 0'34	13°26	6°53	12°25	7°40	17°13	28° 7	14°55	3°30	0°29	25°57	24°40	17°48	n.a.	M30
T 31	1 55 15	28♎ 1'41	26♒43	8♎ 5	13♍12	8♍18	17♌21	28♏14	14♎58	3♋30	0♊28	25°R57	24♒36	17♏54	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	0n58	24s54	3s 1	8s32	2s39	7n13	4s51	16n31	1n21	18n20	1n 5	18s20	1n 7	4s46	0n32	23n32	0s15	17n38	3s 5	12s29		12s59		21s16			n.a.
M 2	0 33	21 9	1 59	8 16	2 30	7 27	4 37	16 19	1 21	18 17	1 5	18 21	1 7	4 48	0 32	23 32	0 15	17 38	3 5	12 28		13 0		21 18			n.a.
T 3	0 9	16 12	0 48	7 55	2 20	7 39	4 23	16 7	1 21	18 14	1 5	18 23	1 6	4 49	0 32	23 32	0 15	17 38	3 5	12 28		13 1		21 20			n.a.
W 4	0s16	10 16	0n27	7 28	2 8	7 51	4 9	15 55	1 21	18 11	1 6	18 24	1 6	4 51	0 32	23 32	0 15	17 38	3 5	12 28		13 2		21 22			n.a.
T 5	0 40	3 39	1 43	6 56	1 54	8 2	3 56	15 43	1 21	18 8	1 6	18 25	1 6	4 52	0 32	23 32	0 15	17 38	3 5	12 28		13 4		21 25			n.a.
F 6	1 4	3n18	2 54	6 18	1 38	8 11	3 42	15 30	1 22	18 5	1 6	18 27	1 6	4 54	0 32	23 32	0 15	17 38	3 5	12 29		13 5		21 27			n.a.
S 7	1 29	10 11	3 54	5 36	1 20	8 20	3 29	15 18	1 22	18 2	1 6	18 28	1 6	4 55	0 32	23 32	0 15	17 38	3 5	12 31		13 6		21 29			n.a.
S 8	1 53	16 32	4 39	4 49	1 2	8 28	3 15	15 5	1 22	17 59	1 6	18 30	1 6	4 57	0 32	23 32	0 15	17 37	3 5	12 33		13 7		21 31			n.a.
M 9	2 18	21 53	5 4	4 0	0 42	8 35	3 2	14 53	1 22	17 57	1 7	18 31	1 6	4 58	0 32	23 32	0 15	17 37	3 5	12 35		13 8		21 33			n.a.
T 10	2 42	25 47	5 9	3 8	0 21	8 41	2 49	14 40	1 22	17 54	1 7	18 32	1 5	5 0	0 32	23 32	0 15	17 37	3 5	12 37		13 9		21 36			n.a.
W11	3 6	27 55	4 54	2 17	0 0	8 45	2 37	14 27	1 22	17 51	1 7	18 34	1 5	5 1	0 32	23 32	0 15	17 37	3 5	12 38		13 10		21 38			n.a.
T 12	3 31	28 10	4 21	1 27	0n20	8 49	2 24	14 14	1 23	17 48	1 7	18 35	1 5	5 3	0 32	23 32	0 15	17 37	3 5	12 39		13 11		21 40			n.a.
F 13	3 55	26 39	3 34	0 40	0 40	8 52	2 12	14 1	1 23	17 45	1 7	18 37	1 5	5 4	0 32	23 32	0 15	17 37	3 5	12 39		13 12		21 42			n.a.
S 14	4 19	23 38	2 36	0n 3	0 58	8 54	2 0	13 48	1 23	17 43	1 8	18 38	1 5	5 5	0 32	23 32	0 15	17 37	3 5	12 39		13 13		21 44			n.a.
S 15	4 43	19 27	1 31	0 41	1 15	8 56	1 49	13 35	1 23	17 40	1 8	18 40	1 5	5 7	0 32	23 32	0 15	17 36	3 5	12 38		13 14		21 46			n.a.
M16	5 7	14 27	0 23	1 13	1 31	8 56	1 37	13 22	1 23	17 37	1 8	18 41	1 5	5 8	0 32	23 32	0 15	17 36	3 5	12 38		13 15		21 49			n.a.
T 17	5 31	8 56	0s45	1 38	1 44	8 55	1 26	13 8	1 23	17 35	1 8	18 43	1 4	5 10	0 32	23 32	0 15	17 36	3 5	12 38		13 17		21 51			n.a.
W18	5 55	3 10	1 49	1 58	1 55	8 54	1 15	12 55	1 24	17 32	1 8	18 44	1 4	5 11	0 32	23 32	0 15	17 36	3 5	12 39		13 18		21 53			n.a.
T 19	6 19	2s38	2 48	2 10	2 5	8 51	1 5	12 41	1 24	17 29	1 9	18 46	1 4	5 13	0 32	23 32	0 15	17 36	3 5	12 40		13 19		21 55			n.a.
F 20	6 43	8 17	3 38	2 17	2 13	8 48	0 54	12 28	1 24	17 27	1 9	18 47	1 4	5 14	0 32	23 32	0 15	17 36	3 5	12 43		13 20		21 57			n.a.
S 21	7 7	13 34	4 18	2 18	2 19	8 44	0 44	12 14	1 24	17 24	1 9	18 49	1 4	5 16	0 32	23 32	0 15	17 35	3 5	12 46		13 21		21 59			n.a.
S 22	7 30	18 19	4 46	2 13	2 23	8 39	0 35	12 0	1 24	17 22	1 9	18 50	1 4	5 17	0 32	23 32	0 15	17 35	3 5	12 50		13 22		22 1			n.a.
M23	7 54	22 20	5 2	2 4	2 26	8 33	0 25	11 47	1 24	17 19	1 10	18 52	1 4	5 19	0 32	23 32	0 15	17 35	3 5	12 53		13 23		22 3			n.a.
T 24	8 17	25 25	5 4	1 50	2 28	8 27	0 16	11 33	1 24	17 17	1 10	18 53	1 4	5 20	0 32	23 32	0 15	17 35	3 5	12 57		13 24		22 6			n.a.
W25	8 40	27 25	4 54	1 32	2 29	8 20	0 7	11 19	1 25	17 15	1 10	18 55	1 3	5 22	0 32	23 32	0 15	17 35	3 5	13 0		13 25		22 8			n.a.
T 26	9 3	28 10	4 30	1 11	2 28	8 12	0n 2	11 5	1 25	17 12	1 10	18 56	1 3	5 23	0 32	23 32	0 15	17 35	3 5	13 2		13 26		22 10			n.a.
F 27	9 26	27 36	3 55	0 47	2 26	8 3	0 10	10 51	1 25	17 10	1 11	18 58	1 3	5 25	0 32	23 32	0 15	17 34	3 5	13 4		13 27		22 12			n.a.
S 28	9 49	25 41	3 8	0 20	2 24	7 53	0 19	10 37	1 25	17 8	1 11	18 59	1 3	5 26	0 32	23 32	0 15	17 34	3 5	13 4		13 28		22 14			n.a.
S 29	10 12	22 29	2 11	0s 9	2 21	7 43	0 27	10 23	1 25	17 5	1 11	19 1	1 3	5 28	0 32	23 32	0 15	17 34	3 5	13 5		13 30		22 16			n.a.
M30	10 34	18 7	1 6	0 40	2 17	7 32	0 34	10 8	1 25	17 3	1 11	19 2	1 3	5 29	0 32	23 32	0 15	17 34	3 5	13 4		13 31		22 18			n.a.
T 31	10s56	12s45	0n 4	1s13	2n13	7n21	0n42	9n54	1n25	17n 1	1n12	19s 4	1n 3	5s30	0n32	23n32	0s15	17n34	3s 5	13s 4		13s32		22s20			n.a.

Julian Day Number = 1339644.5, Delta T = 07h16m55s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'19, Lahiri = -18°23'18 Julian Calendar 1 Oct. 1046 BCE == Greg. Calendar 21 Sept. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

NOVEMBER 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 59 12	29♎ 2'48	10♓29	9♎20	14♍ 1	8♍56	17♌29	28♏20	15♎ 2	3°R29	0°R27	25°R56	24♒33	18♏ 1	n.a.	W 1
T 2	2 3 8	0♏ 3'55	24°45	10°37	14°50	9°33	17°36	28°27	15° 6	3♋29	0♊26	25♒53	24°30	18° 8	n.a.	T 2
F 3	2 7 5	1° 5'04	9♈29	11°56	15°40	10°11	17°44	28°33	15° 9	3°28	0°25	25°47	24°27	18°15	n.a.	F 3
S 4	2 11 1	2° 6'13	24°35	13°17	16°31	10°49	17°51	28°40	15°13	3°27	0°24	25°39	24°24	18°21	n.a.	S 4
S 5	2 14 58	3° 7'23	9♉53	14°39	17°22	11°27	17°58	28°46	15°17	3°27	0°23	25°29	24°21	18°28	n.a.	S 5
M 6	2 18 55	4° 8'33	25°12	16° 3	18°15	12° 4	18° 5	28°53	15°20	3°26	0°22	25°18	24°17	18°35	n.a.	M 6
T 7	2 22 51	5° 9'45	10♊21	17°28	19° 8	12°42	18°12	28°59	15°24	3°25	0°21	25° 8	24°14	18°42	n.a.	T 7
W 8	2 26 48	6°10'57	25°10	18°54	20° 2	13°20	18°19	29° 6	15°27	3°25	0°20	25° 0	24°11	18°48	n.a.	W 8
T 9	2 30 44	7°12'11	9♋33	20°20	20°56	13°57	18°25	29°13	15°31	3°24	0°19	24°55	24° 8	18°55	n.a.	T 9
F 10	2 34 41	8°13'25	23°28	21°48	21°52	14°35	18°32	29°20	15°34	3°23	0°18	24°52	24° 5	19° 2	n.a.	F 10
S 11	2 38 37	9°14'39	6♌55	23°16	22°47	15°13	18°38	29°26	15°38	3°22	0°16	24°D51	24° 2	19° 8	n.a.	S 11
S 12	2 42 34	10°15'55	19°57	24°44	23°44	15°50	18°44	29°33	15°42	3°22	0°15	24°R51	23°58	19°15	n.a.	S 12
M13	2 46 31	11°17'11	2♍38	26°13	24°41	16°28	18°50	29°40	15°45	3°21	0°14	24°51	23°55	19°22	n.a.	M13
T 14	2 50 27	12°18'28	15° 3	27°43	25°38	17° 6	18°56	29°47	15°48	3°20	0°13	24°50	23°52	19°29	n.a.	T 14
W15	2 54 24	13°19'45	27°16	29°12	26°37	17°43	19° 2	29°54	15°52	3°19	0°12	24°45	23°49	19°35	n.a.	W15
T 16	2 58 20	14°21'03	9♎20	0♏43	27°35	18°21	19° 7	0♐ 1	15°55	3°18	0°11	24°38	23°46	19°42	n.a.	T 16
F 17	3 2 17	15°22'21	21°18	2°13	28°34	18°59	19°13	0° 7	15°59	3°17	0° 9	24°28	23°42	19°49	n.a.	F 17
S 18	3 6 13	16°23'40	3♏12	3°44	29°34	19°36	19°18	0°14	16° 2	3°16	0° 8	24°15	23°39	19°56	n.a.	S 18
S 19	3 10 10	17°24'59	15° 5	5°16	0♎34	20°14	19°23	0°21	16° 5	3°15	0° 7	24° 0	23°36	20° 2	n.a.	S 19
M20	3 14 6	18°26'18	26°57	6°47	1°35	20°51	19°28	0°28	16° 9	3°14	0° 6	23°45	23°33	20° 9	n.a.	M20
T 21	3 18 3	19°27'37	8♐50	8°19	2°36	21°29	19°32	0°35	16°12	3°13	0° 4	23°30	23°30	20°16	n.a.	T 21
W22	3 22 0	20°28'57	20°44	9°51	3°37	22° 6	19°37	0°42	16°15	3°12	0° 3	23°17	23°27	20°22	n.a.	W22
T 23	3 25 56	21°30'16	2♑43	11°24	4°39	22°44	19°41	0°49	16°19	3°10	0° 2	23° 6	23°23	20°29	n.a.	T 23
F 24	3 29 53	22°31'35	14°48	12°56	5°41	23°21	19°45	0°56	16°22	3° 9	0° 1	22°59	23°20	20°36	n.a.	F 24
S 25	3 33 49	23°32'53	27° 2	14°29	6°43	23°59	19°49	1° 3	16°25	3° 8	29♉59	22°55	23°17	20°43	n.a.	S 25
S 26	3 37 46	24°34'12	9♒31	16° 3	7°46	24°36	19°53	1°10	16°28	3° 7	29°58	22°53	23°14	20°49	n.a.	S 26
M27	3 41 42	25°35'30	22°17	17°36	8°49	25°14	19°57	1°17	16°31	3° 6	29°57	22°53	23°11	20°56	n.a.	M27
T 28	3 45 39	26°36'47	5♓25	19°10	9°53	25°51	20° 0	1°24	16°34	3° 4	29°56	22°53	23° 8	21° 3	n.a.	T 28
W29	3 49 35	27°38'04	19° 0	20°45	10°57	26°28	20° 3	1°31	16°37	3° 3	29°55	22°51	23° 4	21°10	n.a.	W29
T 30	3 53 32	28♏39'20	3♈ 4	22♏20	12♎ 1	27♍ 6	20♌ 7	1♐39	16♎40	3♋ 2	29♉53	22♒48	23♒ 1	21♏16	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s19	6s34	1n17	1s47	2n 8	7n 9	0n49	9n40	1n25	16n59	1n12	19s 5	1n 3	5s32	0n32	23n32	0s15	17n33	3s 5	13s 4	13s33	22s22		n.a.
T 2	11 40	0n 8	2 27	2 23	2 3	6 56	0 56	9 26	1 26	16 57	1 12	19 7	1 2	5 33	0 32	23 32	0 15	17 33	3 5	13 6	13 34	22 24		n.a.
F 3	12 2	7 1	3 30	2 59	1 58	6 42	1 3	9 11	1 26	16 55	1 12	19 9	1 2	5 35	0 32	23 32	0 15	17 33	3 5	13 8	13 35	22 26		n.a.
S 4	12 24	13 40	4 19	3 37	1 52	6 28	1 9	8 57	1 26	16 53	1 13	19 10	1 2	5 36	0 32	23 32	0 15	17 33	3 5	13 10	13 36	22 28		n.a.
S 5	12 45	19 36	4 51	4 14	1 46	6 13	1 16	8 42	1 26	16 51	1 13	19 12	1 2	5 38	0 32	23 32	0 15	17 33	3 5	13 14	13 37	22 30		n.a.
M 6	13 6	24 15	5 2	4 53	1 40	5 58	1 22	8 28	1 26	16 49	1 13	19 13	1 2	5 39	0 32	23 32	0 15	17 32	3 5	13 17	13 38	22 32		n.a.
T 7	13 27	27 10	4 51	5 32	1 33	5 42	1 28	8 13	1 26	16 47	1 13	19 15	1 2	5 40	0 32	23 32	0 14	17 32	3 5	13 21	13 39	22 34		n.a.
W 8	13 48	28 5	4 22	6 11	1 27	5 26	1 33	7 59	1 26	16 45	1 14	19 16	1 2	5 42	0 32	23 32	0 14	17 32	3 5	13 24	13 40	22 36		n.a.
T 9	14 8	27 3	3 36	6 50	1 20	5 9	1 39	7 44	1 26	16 43	1 14	19 18	1 2	5 43	0 32	23 32	0 14	17 32	3 5	13 25	13 41	22 38		n.a.
F 10	14 28	24 20	2 38	7 30	1 13	4 52	1 44	7 29	1 26	16 41	1 14	19 20	1 2	5 45	0 32	23 32	0 14	17 32	3 5	13 26	13 42	22 40		n.a.
S 11	14 48	20 21	1 34	8 10	1 6	4 34	1 49	7 14	1 26	16 39	1 14	19 21	1 1	5 46	0 32	23 32	0 14	17 31	3 5	13 27	13 43	22 42		n.a.
S 12	15 8	15 28	0 26	8 49	0 59	4 15	1 53	7 0	1 26	16 38	1 15	19 23	1 1	5 47	0 32	23 32	0 14	17 31	3 5	13 27	13 45	22 44		n.a.
M13	15 27	10 4	0s41	9 28	0 52	3 57	1 58	6 45	1 27	16 36	1 15	19 24	1 1	5 49	0 32	23 32	0 14	17 31	3 5	13 27	13 46	22 46		n.a.
T 14	15 47	4 22	1 45	10 8	0 45	3 37	2 2	6 30	1 27	16 35	1 15	19 26	1 1	5 50	0 32	23 32	0 14	17 31	3 5	13 27	13 47	22 48		n.a.
W15	16 5	1s22	2 42	10 47	0 38	3 18	2 6	6 15	1 27	16 33	1 16	19 27	1 1	5 51	0 32	23 32	0 14	17 31	3 5	13 29	13 48	22 50		n.a.
T 16	16 24	6 59	3 32	11 26	0 31	2 58	2 10	6 0	1 27	16 32	1 16	19 29	1 1	5 53	0 32	23 32	0 14	17 30	3 5	13 31	13 49	22 52		n.a.
F 17	16 42	12 18	4 11	12 4	0 24	2 37	2 14	5 45	1 27	16 30	1 16	19 31	1 1	5 54	0 32	23 32	0 14	17 30	3 5	13 35	13 50	22 54		n.a.
S 18	17 0	17 8	4 39	12 42	0 17	2 16	2 17	5 30	1 27	16 29	1 16	19 32	1 1	5 55	0 32	23 32	0 14	17 30	3 5	13 39	13 51	22 56		n.a.
S 19	17 18	21 19	4 55	13 20	0 10	1 55	2 21	5 15	1 27	16 27	1 17	19 34	1 1	5 57	0 32	23 32	0 14	17 30	3 5	13 44	13 52	22 58		n.a.
M20	17 35	24 37	4 58	13 57	0 3	1 33	2 24	5 0	1 27	16 26	1 17	19 35	1 1	5 58	0 32	23 32	0 14	17 29	3 4	13 49	13 53	23 0		n.a.
T 21	17 52	26 52	4 49	14 34	0s 4	1 12	2 27	4 45	1 27	16 25	1 17	19 37	1 1	5 59	0 32	23 33	0 14	17 29	3 4	13 54	13 54	23 2		n.a.
W22	18 9	27 55	4 26	15 10	0 11	0 49	2 30	4 30	1 27	16 24	1 18	19 38	1 0	6 0	0 32	23 33	0 14	17 29	3 4	13 58	13 55	23 4		n.a.
T 23	18 26	27 39	3 51	15 46	0 17	0 27	2 32	4 15	1 27	16 23	1 18	19 40	1 0	6 2	0 32	23 33	0 14	17 29	3 4	14 2	13 56	23 6		n.a.
F 24	18 42	26 4	3 6	16 21	0 24	0 4	2 35	4 0	1 27	16 22	1 18	19 41	1 0	6 3	0 32	23 33	0 14	17 29	3 4	14 4	13 57	23 8		n.a.
S 25	18 57	23 14	2 12	16 56	0 30	0s19	2 37	3 45	1 27	16 21	1 19	19 43	1 0	6 4	0 32	23 33	0 14	17 28	3 4	14 6	13 58	23 10		n.a.
S 26	19 13	19 17	1 10	17 29	0 37	0 42	2 39	3 30	1 27	16 20	1 19	19 44	1 0	6 5	0 32	23 33	0 14	17 28	3 4	14 6	13 59	23 11		n.a.
M27	19 28	14 21	0 3	18 2	0 43	1 6	2 41	3 15	1 27	16 19	1 19	19 46	1 0	6 7	0 32	23 33	0 14	17 28	3 4	14 6	14 1	23 13		n.a.
T 28	19 43	8 39	1n 6	18 35	0 49	1 29	2 43	3 0	1 27	16 18	1 19	19 48	1 0	6 8	0 32	23 33	0 14	17 28	3 4	14 7	14 2	23 15		n.a.
W29	19 57	2 23	2 13	19 6	0 55	1 53	2 44	2 45	1 27	16 17	1 20	19 49	1 0	6 9	0 32	23 33	0 14	17 28	3 4	14 7	14 3	23 17		n.a.
T 30	20s11	4n13	3n15	19s37	1s 1	2s17	2n46	2n30	1n27	16n17	1n20	19s51	1n 0	6s10	0n32	23n33	0s14	17n27	3s 4	14s 8	14s 4	23s19		n.a.

Julian Day Number = 1339675.5, Delta T = 07h16m54s
Ecliptic obliquity = 23°49'19, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'14, Lahiri = -18°23'14 Julian Calendar 1 Nov. 1046 BCE == Greg. Calendar 22 Oct. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1046 BCE
geocentric

DECEMBER 1046 BCE (-1045) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 57 29	29♏40'35	17♈36	23♏55	13♎ 5	27♍43	20♌ 9	1♐46	16♎43	3°R 0	29°R52	22°R42	22♒58	21♏23	n.a.	F 1
S 2	4 1 25	0♐41'50	2♉33	25°30	14°10	28°20	20°12	1°53	16°46	2♋59	29♉51	22♒33	22°55	21°30	n.a.	S 2
S 3	4 5 22	1°43'05	17°48	27° 6	15°15	28°58	20°15	2° 0	16°49	2°58	29°50	22°22	22°52	21°36	n.a.	S 3
M 4	4 9 18	2°44'19	3♊10	28°42	16°21	29°35	20°17	2° 7	16°52	2°56	29°48	22°11	22°48	21°43	n.a.	M 4
T 5	4 13 15	3°45'33	18°27	0♐19	17°26	0♎12	20°19	2°14	16°55	2°55	29°47	22° 0	22°45	21°50	n.a.	T 5
W 6	4 17 11	4°46'46	3♋29	1°56	18°32	0°50	20°21	2°21	16°58	2°53	29°46	21°51	22°42	21°57	n.a.	W 6
T 7	4 21 8	5°47'59	18° 5	3°34	19°38	1°27	20°23	2°28	17° 1	2°52	29°45	21°44	22°39	22° 3	n.a.	T 7
F 8	4 25 5	6°49'12	2♌13	5°12	20°44	2° 4	20°25	2°35	17° 3	2°51	29°43	21°40	22°36	22°10	n.a.	F 8
S 9	4 29 1	7°50'24	15°51	6°50	21°51	2°41	20°26	2°42	17° 6	2°49	29°42	21°D39	22°33	22°17	n.a.	S 9
S 10	4 32 58	8°51'36	29° 0	8°30	22°58	3°18	20°28	2°49	17° 9	2°48	29°41	21°39	22°29	22°24	n.a.	S 10
M11	4 36 54	9°52'47	11♍44	10° 9	24° 5	3°55	20°29	2°56	17°12	2°46	29°40	21°R39	22°26	22°30	n.a.	M11
T 12	4 40 51	10°53'58	24° 9	11°49	25°12	4°32	20°29	3° 3	17°14	2°45	29°38	21°38	22°23	22°37	n.a.	T 12
W13	4 44 47	11°55'08	6♎19	13°30	26°19	5°10	20°30	3°10	17°17	2°43	29°37	21°35	22°20	22°44	n.a.	W13
T 14	4 48 44	12°56'18	18°18	15°11	27°27	5°47	20°31	3°17	17°19	2°41	29°36	21°30	22°17	22°50	n.a.	T 14
F 15	4 52 40	13°57'27	0♏12	16°53	28°35	6°24	20°31	3°24	17°22	2°40	29°35	21°22	22°14	22°57	n.a.	F 15
S 16	4 56 37	14°58'35	12° 3	18°35	29°43	7° 1	20°R31	3°31	17°24	2°38	29°34	21°11	22°10	23° 4	n.a.	S 16
S 17	5 0 34	15°59'43	23°54	20°18	0♏51	7°38	20°31	3°38	17°26	2°37	29°32	20°58	22° 7	23°11	n.a.	S 17
M18	5 4 30	17° 0'50	5♐47	22° 1	1°59	8°14	20°31	3°45	17°29	2°35	29°31	20°45	22° 4	23°17	n.a.	M18
T 19	5 8 27	18° 1'56	17°44	23°45	3° 7	8°51	20°30	3°52	17°31	2°33	29°30	20°32	22° 1	23°24	n.a.	T 19
W20	5 12 23	19° 3'01	29°46	25°29	4°16	9°28	20°29	3°59	17°33	2°32	29°29	20°21	21°58	23°31	n.a.	W20
T 21	5 16 20	20° 4'04	11♑54	27°14	5°25	10° 5	20°29	4° 6	17°36	2°30	29°28	20°12	21°54	23°37	n.a.	T 21
F 22	5 20 16	21° 5'07	24° 9	28°59	6°34	10°42	20°28	4°13	17°38	2°29	29°27	20° 6	21°51	23°44	n.a.	F 22
S 23	5 24 13	22° 6'08	6♒33	0♑44	7°43	11°19	20°26	4°20	17°40	2°27	29°25	20° 3	21°48	23°51	n.a.	S 23
S 24	5 28 10	23° 7'08	19° 9	2°29	8°52	11°55	20°25	4°27	17°42	2°25	29°24	20°D 2	21°45	23°58	n.a.	S 24
M25	5 32 6	24° 8'06	1♓59	4°14	10° 1	12°32	20°23	4°33	17°44	2°24	29°23	20° 2	21°42	24° 4	n.a.	M25
T 26	5 36 3	25° 9'03	15° 7	6° 0	11°10	13° 9	20°21	4°40	17°46	2°22	29°22	20° 3	21°39	24°11	n.a.	T 26
W27	5 39 59	26° 9'58	28°36	7°45	12°20	13°45	20°19	4°47	17°48	2°20	29°21	20°R 4	21°35	24°18	n.a.	W27
T 28	5 43 56	27°10'52	12♈28	9°29	13°29	14°22	20°17	4°54	17°50	2°19	29°20	20° 2	21°32	24°25	n.a.	T 28
F 29	5 47 52	28°11'44	26°43	11°13	14°39	14°58	20°15	5° 0	17°52	2°17	29°19	19°59	21°29	24°31	n.a.	F 29
S 30	5 51 49	29°12'34	11♉20	12°55	15°49	15°35	20°12	5° 7	17°54	2°15	29°18	19°54	21°26	24°38	n.a.	S 30
S 31	5 55 45	0♑13'23	26♉15	14♑36	16♏59	16♎11	20♌ 9	5♐14	17♎55	2♋14	29♉17	19♒47	21♒23	24♏45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s24	10n48	4n 6	20s 7	1s 6	2s42	2n47	2n15	1n27	16n16	1n20	19s52	1n 0	6s11	0n32	23n33	0s14	17n27	3s 4	14s10	14s 5	23s21		n.a.
S 2	20 37	16 57	4 42	20 36	1 11	3 6	2 48	2 0	1 27	16 15	1 21	19 54	1 0	6 12	0 32	23 33	0 14	17 27	3 4	14 13	14 6	23 23		n.a.
S 3	20 50	22 11	4 59	21 4	1 17	3 31	2 49	1 45	1 27	16 15	1 21	19 55	1 0	6 14	0 32	23 33	0 14	17 27	3 4	14 17	14 7	23 25		n.a.
M 4	21 2	25 56	4 55	21 31	1 22	3 55	2 50	1 30	1 27	16 14	1 21	19 57	1 0	6 15	0 32	23 33	0 14	17 26	3 4	14 20	14 8	23 26		n.a.
T 5	21 14	27 47	4 29	21 57	1 26	4 20	2 50	1 15	1 27	16 14	1 22	19 58	1 0	6 16	0 32	23 33	0 14	17 26	3 4	14 24	14 9	23 28		n.a.
W 6	21 26	27 32	3 45	22 22	1 31	4 45	2 51	1 0	1 27	16 14	1 22	20 0	0 59	6 17	0 32	23 33	0 14	17 26	3 4	14 27	14 10	23 30		n.a.
T 7	21 37	25 20	2 47	22 45	1 35	5 10	2 51	0 45	1 27	16 13	1 22	20 1	0 59	6 18	0 32	23 33	0 14	17 26	3 4	14 29	14 11	23 32		n.a.
F 8	21 48	21 37	1 41	23 8	1 39	5 35	2 51	0 30	1 27	16 13	1 23	20 2	0 59	6 19	0 32	23 33	0 14	17 26	3 3	14 30	14 12	23 34		n.a.
S 9	21 58	16 50	0 31	23 29	1 43	6 0	2 51	0 14	1 27	16 13	1 23	20 4	0 59	6 20	0 32	23 33	0 14	17 25	3 3	14 31	14 13	23 36		n.a.
S 10	22 8	11 24	0s39	23 49	1 46	6 25	2 51	0s 1	1 27	16 13	1 23	20 5	0 59	6 21	0 32	23 33	0 14	17 25	3 3	14 31	14 14	23 37		n.a.
M11	22 17	5 40	1 44	24 8	1 49	6 50	2 51	0 16	1 27	16 13	1 24	20 7	0 59	6 22	0 32	23 33	0 14	17 25	3 3	14 31	14 15	23 39		n.a.
T 12	22 26	0s 8	2 43	24 25	1 52	7 16	2 51	0 31	1 27	16 13	1 24	20 8	0 59	6 23	0 32	23 33	0 14	17 25	3 3	14 31	14 16	23 41		n.a.
W13	22 35	5 48	3 33	24 41	1 55	7 41	2 50	0 46	1 27	16 13	1 24	20 10	0 59	6 24	0 32	23 33	0 14	17 25	3 3	14 32	14 17	23 43		n.a.
T 14	22 43	11 11	4 13	24 55	1 57	8 6	2 50	1 1	1 27	16 13	1 24	20 11	0 59	6 25	0 32	23 33	0 14	17 25	3 3	14 34	14 18	23 45		n.a.
F 15	22 50	16 6	4 42	25 8	1 59	8 31	2 49	1 15	1 27	16 13	1 25	20 12	0 59	6 26	0 32	23 33	0 14	17 24	3 3	14 36	14 19	23 46		n.a.
S 16	22 58	20 24	4 58	25 19	2 0	8 56	2 48	1 30	1 26	16 13	1 25	20 14	0 59	6 27	0 32	23 33	0 14	17 24	3 3	14 40	14 20	23 48		n.a.
S 17	23 4	23 54	5 1	25 28	2 1	9 21	2 47	1 45	1 26	16 14	1 25	20 15	0 59	6 28	0 32	23 34	0 14	17 24	3 3	14 44	14 22	23 50		n.a.
M18	23 11	26 24	4 52	25 36	2 2	9 46	2 46	2 0	1 26	16 14	1 26	20 17	0 59	6 29	0 32	23 34	0 14	17 24	3 3	14 48	14 23	23 52		n.a.
T 19	23 16	27 43	4 29	25 42	2 2	10 10	2 45	2 15	1 26	16 15	1 26	20 18	0 59	6 30	0 32	23 34	0 14	17 24	3 3	14 52	14 24	23 53		n.a.
W20	23 22	27 44	3 54	25 46	2 1	10 35	2 44	2 30	1 26	16 15	1 26	20 19	0 59	6 30	0 32	23 34	0 14	17 23	3 3	14 56	14 25	23 55		n.a.
T 21	23 27	26 25	3 9	25 48	2 0	10 59	2 42	2 45	1 26	16 16	1 27	20 21	0 59	6 31	0 32	23 34	0 14	17 23	3 2	14 59	14 26	23 57		n.a.
F 22	23 31	23 49	2 14	25 48	1 59	11 24	2 41	2 59	1 26	16 16	1 27	20 22	0 59	6 32	0 32	23 34	0 14	17 23	3 2	15 1	14 27	23 59		n.a.
S 23	23 35	20 5	1 11	25 46	1 57	11 48	2 39	3 14	1 26	16 17	1 27	20 23	0 59	6 33	0 32	23 34	0 14	17 23	3 2	15 2	14 28	24 0		n.a.
S 24	23 38	15 24	0 5	25 42	1 54	12 12	2 37	3 29	1 25	16 18	1 28	20 25	0 59	6 34	0 32	23 34	0 14	17 23	3 2	15 2	14 29	24 2		n.a.
M25	23 41	9 57	1n 4	25 36	1 51	12 36	2 36	3 43	1 25	16 19	1 28	20 26	0 58	6 34	0 32	23 34	0 14	17 23	3 2	15 2	14 30	24 4		n.a.
T 26	23 44	3 57	2 10	25 28	1 47	12 59	2 34	3 58	1 25	16 19	1 28	20 27	0 58	6 35	0 32	23 34	0 14	17 22	3 2	15 2	14 31	24 5		n.a.
W27	23 46	2n21	3 12	25 18	1 43	13 22	2 32	4 12	1 25	16 20	1 29	20 29	0 58	6 36	0 32	23 34	0 14	17 22	3 2	15 2	14 32	24 7		n.a.
T 28	23 47	8 43	4 3	25 6	1 37	13 46	2 30	4 27	1 25	16 21	1 29	20 30	0 58	6 37	0 32	23 34	0 14	17 22	3 2	15 2	14 33	24 9		n.a.
F 29	23 49	14 50	4 42	24 51	1 31	14 8	2 28	4 41	1 25	16 22	1 29	20 31	0 58	6 37	0 32	23 34	0 14	17 22	3 2	15 3	14 34	24 10		n.a.
S 30	23 49	20 16	5 3	24 35	1 24	14 31	2 26	4 56	1 24	16 24	1 29	20 32	0 58	6 38	0 32	23 34	0 14	17 22	3 2	15 5	14 35	24 12		n.a.
S 31	23s49	24n33	5n 5	24s17	1s17	14s53	2n23	5s10	1n24	16n25	1n30	20s34	0n58	6s39	0n32	23n34	0s14	17n22	3s 2	15s 7	14s36	24s14		n.a.

Julian Day Number = 1339705.5, Delta T = 07h16m52s
Ecliptic obliquity = 23°49'18, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'10, Lahiri = -18°23'10 Julian Calendar 1 Dec. 1046 BCE == Greg. Calendar 21 Nov. 1046 BCE

The year -1045 astronomical counting style corresponds to year 1046 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

JANUARY 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 59 42	1♉14'10	11♊19	16♉16	18♏ 9	16♎48	20°R 6	5♐20	17♎57	2°R12	29°R16	19°R39	21♒20	24♏51	n.a.	M 1
T 2	6 3 39	2°14'55	26°24	17°53	19°19	17°24	20♌ 3	5°27	17°59	2♋10	29♉15	19♒31	21°16	24°58	n.a.	T 2
W 3	6 7 35	3°15'39	11♋19	19°28	20°29	18° 0	20° 0	5°33	18° 0	2° 8	29°14	19°25	21°13	25° 5	n.a.	W 3
T 4	6 11 32	4°16'22	25°56	21° 0	21°39	18°37	19°57	5°40	18° 2	2° 7	29°13	19°21	21°10	25°12	n.a.	T 4
F 5	6 15 28	5°17'03	10♌ 9	22°28	22°50	19°13	19°53	5°46	18° 3	2° 5	29°12	19°19	21° 7	25°18	n.a.	F 5
S 6	6 19 25	6°17'43	23°54	23°51	24° 0	19°49	19°49	5°53	18° 5	2° 3	29°11	19°D18	21° 4	25°25	n.a.	S 6
S 7	6 23 21	7°18'21	7♍11	25° 9	25°11	20°25	19°45	5°59	18° 6	2° 2	29°10	19°19	21° 0	25°32	n.a.	S 7
M 8	6 27 18	8°18'58	20° 4	26°22	26°21	21° 1	19°41	6° 6	18° 7	2° 0	29° 9	19°21	20°57	25°39	n.a.	M 8
T 9	6 31 15	9°19'33	2♎34	27°28	27°32	21°37	19°37	6°12	18° 9	1°58	29° 8	19°22	20°54	25°45	n.a.	T 9
W10	6 35 11	10°20'07	14°48	28°27	28°43	22°13	19°32	6°18	18°10	1°57	29° 7	19°R22	20°51	25°52	n.a.	W10
T 11	6 39 8	11°20'40	26°49	29°18	29°54	22°49	19°27	6°25	18°11	1°55	29° 6	19°21	20°48	25°59	n.a.	T 11
F 12	6 43 4	12°21'11	8♏43	0♒ 0	1♐ 5	23°25	19°23	6°31	18°12	1°53	29° 5	19°18	20°45	26° 5	n.a.	F 12
S 13	6 47 1	13°21'40	20°34	0°33	2°16	24° 1	19°18	6°37	18°13	1°52	29° 4	19°13	20°41	26°12	n.a.	S 13
S 14	6 50 57	14°22'09	2♐26	0°57	3°27	24°37	19°13	6°43	18°14	1°50	29° 3	19° 7	20°38	26°19	n.a.	S 14
M15	6 54 54	15°22'35	14°21	1°11	4°38	25°13	19° 7	6°49	18°15	1°48	29° 3	19° 0	20°35	26°26	n.a.	M15
T 16	6 58 50	16°23'00	26°24	1°R15	5°49	25°48	19° 2	6°55	18°16	1°47	29° 2	18°54	20°32	26°32	n.a.	T 16
W17	7 2 47	17°23'23	8♑34	1° 9	7° 0	26°24	18°56	7° 1	18°17	1°45	29° 1	18°49	20°29	26°39	n.a.	W17
T 18	7 6 44	18°23'44	20°55	0°53	8°12	26°59	18°51	7° 7	18°18	1°44	29° 0	18°44	20°26	26°46	n.a.	T 18
F 19	7 10 40	19°24'03	3♒25	0°27	9°23	27°35	18°45	7°13	18°19	1°42	28°59	18°42	20°22	26°53	n.a.	F 19
S 20	7 14 37	20°24'21	16° 7	29♑53	10°34	28°10	18°39	7°19	18°19	1°40	28°59	18°D41	20°19	26°59	n.a.	S 20
S 21	7 18 33	21°24'36	29° 1	29°10	11°46	28°46	18°33	7°24	18°20	1°39	28°58	18°41	20°16	27° 6	n.a.	S 21
M22	7 22 30	22°24'49	12♓ 8	28°21	12°57	29°21	18°26	7°30	18°21	1°37	28°57	18°42	20°13	27°13	n.a.	M22
T 23	7 26 26	23°25'00	25°28	27°27	14° 9	29°56	18°20	7°36	18°21	1°36	28°57	18°44	20°10	27°19	n.a.	T 23
W24	7 30 23	24°25'08	9♈ 3	26°28	15°20	0♏31	18°14	7°41	18°22	1°34	28°56	18°45	20° 6	27°26	n.a.	W24
T 25	7 34 19	25°25'14	22°54	25°27	16°32	1° 6	18° 7	7°47	18°22	1°33	28°55	18°R46	20° 3	27°33	n.a.	T 25
F 26	7 38 16	26°25'18	7♉ 0	24°24	17°44	1°41	18° 0	7°52	18°23	1°31	28°55	18°46	20° 0	27°40	n.a.	F 26
S 27	7 42 13	27°25'20	21°19	23°22	18°55	2°16	17°53	7°58	18°23	1°30	28°54	18°44	19°57	27°46	n.a.	S 27
S 28	7 46 9	28°25'19	5♊50	22°21	20° 7	2°51	17°47	8° 3	18°23	1°28	28°54	18°42	19°54	27°53	n.a.	S 28
M29	7 50 6	29°25'17	20°27	21°24	21°19	3°26	17°40	8° 8	18°23	1°27	28°53	18°40	19°51	28° 0	n.a.	M29
T 30	7 54 2	0♒25'11	5♋ 5	20°31	22°30	4° 0	17°33	8°14	18°23	1°25	28°53	18°37	19°47	28° 6	n.a.	T 30
W31	7 57 59	1♒25'04	19♋37	19♑42	23♐42	4♏35	17♌25	8♐19	18♎24	1♋24	28♉52	18♒35	19♒44	28♏13	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23 s49	27n12	4n45	23 s57	1 s 8	15 s15	2n21	5 s25	1n24	16n26	1n30	20 s35	0n58	6 s39	0n32	23n34	0 s14	17n22	3 s 1	15 s10	14 s37	24 s15			n.a.
T 2	23 48	27 52	4 6	23 35	0 59	15 37	2 18	5 39	1 24	16 27	1 30	20 36	0 58	6 40	0 32	23 34	0 14	17 22	3 1	15 12	14 38	24 17			n.a.
W 3	23 47	26 29	3 10	23 11	0 49	15 58	2 16	5 53	1 24	16 29	1 31	20 37	0 58	6 40	0 32	23 34	0 14	17 21	3 1	15 14	14 39	24 19			n.a.
T 4	23 45	23 18	2 3	22 47	0 38	16 19	2 13	6 7	1 23	16 30	1 31	20 38	0 58	6 41	0 32	23 34	0 14	17 21	3 1	15 15	14 40	24 20			n.a.
F 5	23 43	18 46	0 49	22 21	0 26	16 40	2 11	6 22	1 23	16 31	1 31	20 40	0 58	6 42	0 32	23 34	0 14	17 21	3 1	15 16	14 41	24 22			n.a.
S 6	23 40	13 23	0 s25	21 54	0 13	17 0	2 8	6 36	1 23	16 33	1 31	20 41	0 58	6 42	0 32	23 34	0 14	17 21	3 1	15 16	14 42	24 24			n.a.
S 7	23 37	7 32	1 35	21 27	0n 0	17 20	2 5	6 50	1 23	16 35	1 32	20 42	0 58	6 43	0 32	23 34	0 14	17 21	3 1	15 16	14 43	24 25			n.a.
M 8	23 33	1 34	2 39	20 59	0 14	17 40	2 2	7 4	1 22	16 36	1 32	20 43	0 58	6 43	0 32	23 34	0 14	17 21	3 1	15 15	14 44	24 27			n.a.
T 9	23 29	4 s17	3 33	20 31	0 29	17 59	2 0	7 18	1 22	16 38	1 32	20 44	0 58	6 44	0 32	23 34	0 14	17 21	3 1	15 15	14 45	24 28			n.a.
W10	23 25	9 50	4 16	20 4	0 45	18 18	1 57	7 31	1 22	16 39	1 33	20 45	0 58	6 44	0 32	23 35	0 14	17 21	3 1	15 15	14 46	24 30			n.a.
T 11	23 20	14 56	4 47	19 38	1 1	18 36	1 54	7 45	1 21	16 41	1 33	20 46	0 58	6 45	0 32	23 35	0 14	17 21	3 0	15 15	14 47	24 32			n.a.
F 12	23 14	19 26	5 5	19 13	1 17	18 54	1 51	7 59	1 21	16 43	1 33	20 47	0 58	6 45	0 32	23 35	0 14	17 21	3 0	15 16	14 48	24 33			n.a.
S 13	23 8	23 9	5 10	18 49	1 34	19 11	1 48	8 13	1 21	16 45	1 33	20 48	0 58	6 45	0 32	23 35	0 14	17 20	3 0	15 18	14 50	24 35			n.a.
S 14	23 2	25 55	5 2	18 28	1 51	19 28	1 45	8 26	1 20	16 47	1 34	20 50	0 58	6 46	0 33	23 35	0 14	17 20	3 0	15 20	14 51	24 36			n.a.
M15	22 55	27 32	4 41	18 9	2 7	19 45	1 41	8 40	1 20	16 49	1 34	20 51	0 58	6 46	0 33	23 35	0 14	17 20	3 0	15 22	14 52	24 38			n.a.
T 16	22 48	27 53	4 7	17 52	2 23	20 0	1 38	8 53	1 20	16 51	1 34	20 52	0 58	6 46	0 33	23 35	0 14	17 20	3 0	15 24	14 53	24 39			n.a.
W17	22 40	26 53	3 22	17 38	2 39	20 16	1 35	9 7	1 19	16 53	1 34	20 53	0 58	6 47	0 33	23 35	0 14	17 20	3 0	15 26	14 54	24 41			n.a.
T 18	22 32	24 34	2 26	17 27	2 54	20 31	1 32	9 20	1 19	16 55	1 35	20 54	0 58	6 47	0 33	23 35	0 14	17 20	3 0	15 27	14 55	24 43			n.a.
F 19	22 24	21 2	1 23	17 20	3 7	20 45	1 29	9 33	1 19	16 57	1 35	20 55	0 58	6 47	0 33	23 35	0 14	17 20	3 0	15 28	14 56	24 44			n.a.
S 20	22 15	16 29	0 14	17 15	3 20	20 59	1 25	9 47	1 18	16 59	1 35	20 56	0 58	6 48	0 33	23 35	0 14	17 20	2 59	15 28	14 57	24 46			n.a.
S 21	22 5	11 7	0n56	17 13	3 30	21 12	1 22	10 0	1 18	17 1	1 35	20 57	0 58	6 48	0 33	23 35	0 14	17 20	2 59	15 28	14 58	24 47			n.a.
M22	21 55	5 12	2 5	17 15	3 39	21 25	1 19	10 13	1 17	17 3	1 36	20 58	0 58	6 48	0 33	23 35	0 14	17 20	2 59	15 27	14 59	24 49			n.a.
T 23	21 45	1n 3	3 8	17 19	3 46	21 37	1 15	10 26	1 17	17 5	1 36	20 58	0 58	6 48	0 33	23 35	0 14	17 20	2 59	15 27	15 0	24 50			n.a.
W24	21 35	7 21	4 2	17 25	3 51	21 49	1 12	10 39	1 16	17 8	1 36	20 59	0 58	6 48	0 33	23 35	0 14	17 20	2 59	15 27	15 1	24 52			n.a.
T 25	21 24	13 24	4 43	17 34	3 53	22 0	1 8	10 51	1 16	17 10	1 36	21 0	0 58	6 49	0 33	23 35	0 14	17 20	2 59	15 26	15 2	24 53			n.a.
F 26	21 12	18 54	5 8	17 45	3 54	22 10	1 5	11 4	1 16	17 12	1 36	21 1	0 58	6 49	0 33	23 35	0 14	17 20	2 59	15 26	15 3	24 55			n.a.
S 27	21 0	23 25	5 14	17 57	3 52	22 20	1 2	11 17	1 15	17 15	1 37	21 2	0 58	6 49	0 33	23 35	0 14	17 20	2 59	15 27	15 4	24 56			n.a.
S 28	20 48	26 33	5 1	18 11	3 48	22 29	0 58	11 29	1 15	17 17	1 37	21 3	0 58	6 49	0 33	23 35	0 14	17 20	2 58	15 28	15 5	24 58			n.a.
M29	20 36	27 55	4 28	18 25	3 43	22 37	0 55	11 42	1 14	17 19	1 37	21 4	0 58	6 49	0 33	23 35	0 14	17 20	2 58	15 28	15 6	24 59			n.a.
T 30	20 23	27 20	3 37	18 41	3 36	22 45	0 51	11 54	1 13	17 22	1 37	21 5	0 58	6 49	0 33	23 35	0 14	17 20	2 58	15 29	15 7	25 1			n.a.
W31	20 s10	24n53	2n33	18 s56	3n27	22 s52	0n48	12 s 7	1n13	17n24	1n37	21 s 5	0n58	6 s49	0n33	23n35	0 s14	17n20	2 s58	15 s30	15 s 8	25 s 2			n.a.

Julian Day Number = 1339736.5, Delta T = 07h16m51s
Ecliptic obliquity = 23°49'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'06, Lahiri = -18°23'06 Julian Calendar 1 Jan. 1045 BCE == Greg. Calendar 22 Dec. 1046 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

FEBRUARY 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 1 55	2♒24'54	3♌56	18°R59	24♐54	5♏10	17°R18	8♐24	18°R24	1°R23	28°R52	18°R34	19♒41	28♏20	n.a.	T 1
F 2	8 5 52	3°24'43	17°58	18♑22	26° 6	5°44	17♌11	8°29	18♎24	1♋21	28♉51	18°D33	19°38	28°27	n.a.	F 2
S 3	8 9 48	4°24'29	1♍39	17°51	27°18	6°18	17° 3	8°34	18°24	1°20	28°51	18♒34	19°35	28°33	n.a.	S 3
S 4	8 13 45	5°24'13	14°57	17°27	28°30	6°53	16°56	8°39	18°23	1°18	28°50	18°35	19°32	28°40	n.a.	S 4
M 5	8 17 42	6°23'55	27°52	17°10	29°42	7°27	16°49	8°44	18°23	1°17	28°50	18°36	19°28	28°47	n.a.	M 5
T 6	8 21 38	7°23'35	10♎28	16°59	0♑54	8° 1	16°41	8°48	18°23	1°16	28°50	18°37	19°25	28°54	n.a.	T 6
W 7	8 25 35	8°23'14	22°46	16°D54	2° 6	8°35	16°33	8°53	18°23	1°15	28°49	18°38	19°22	29° 0	n.a.	W 7
T 8	8 29 31	9°22'50	4♏51	16°55	3°18	9° 9	16°26	8°58	18°23	1°13	28°49	18°R38	19°19	29° 7	n.a.	T 8
F 9	8 33 28	10°22'25	16°47	17° 3	4°30	9°43	16°18	9° 2	18°22	1°12	28°49	18°38	19°16	29°14	n.a.	F 9
S 10	8 37 24	11°21'58	28°40	17°15	5°42	10°16	16°10	9° 7	18°22	1°11	28°48	18°38	19°12	29°20	n.a.	S 10
S 11	8 41 21	12°21'29	10♐33	17°34	6°54	10°50	16° 3	9°11	18°21	1°10	28°48	18°37	19° 9	29°27	n.a.	S 11
M12	8 45 17	13°20'57	22°31	17°57	8° 7	11°23	15°55	9°16	18°21	1° 8	28°48	18°36	19° 6	29°34	n.a.	M12
T 13	8 49 14	14°20'24	4♑37	18°25	9°19	11°57	15°47	9°20	18°20	1° 7	28°48	18°36	19° 3	29°41	n.a.	T 13
W14	8 53 10	15°19'49	16°56	18°57	10°31	12°30	15°39	9°24	18°19	1° 6	28°48	18°35	19° 0	29°47	n.a.	W14
T 15	8 57 7	16°19'12	29°28	19°34	11°43	13° 3	15°32	9°28	18°19	1° 5	28°47	18°35	18°57	29°54	n.a.	T 15
F 16	9 1 4	17°18'33	12♒15	20°14	12°56	13°36	15°24	9°32	18°18	1° 4	28°47	18°35	18°53	0♐ 1	n.a.	F 16
S 17	9 5 0	18°17'52	25°17	20°59	14° 8	14° 9	15°16	9°36	18°17	1° 3	28°47	18°35	18°50	0° 8	n.a.	S 17
S 18	9 8 57	19°17'08	8♓35	21°47	15°20	14°42	15° 8	9°40	18°16	1° 2	28°47	18°35	18°47	0°14	n.a.	S 18
M19	9 12 53	20°16'22	22° 7	22°38	16°32	15°15	15° 1	9°44	18°16	1° 1	28°47	18°35	18°44	0°21	n.a.	M19
T 20	9 16 50	21°15'33	5♈51	23°32	17°45	15°47	14°53	9°47	18°15	1° 0	28°47	18°34	18°41	0°28	n.a.	T 20
W21	9 20 46	22°14'43	19°45	24°29	18°57	16°19	14°45	9°51	18°14	0°59	28°D47	18°34	18°37	0°34	n.a.	W21
T 22	9 24 43	23°13'49	3♉48	25°29	20° 9	16°52	14°38	9°55	18°13	0°58	28°47	18°34	18°34	0°41	n.a.	T 22
F 23	9 28 39	24°12'54	17°57	26°32	21°22	17°24	14°30	9°58	18°12	0°57	28°47	18°D33	18°31	0°48	n.a.	F 23
S 24	9 32 36	25°11'56	2♊10	27°37	22°34	17°56	14°22	10° 1	18°10	0°56	28°47	18°33	18°28	0°55	n.a.	S 24
S 25	9 36 32	26°10'55	16°24	28°45	23°47	18°28	14°15	10° 5	18° 9	0°56	28°47	18°34	18°25	1° 1	n.a.	S 25
M26	9 40 29	27° 9'52	0♋37	29°55	24°59	18°59	14° 8	10° 8	18° 8	0°55	28°47	18°34	18°22	1° 8	n.a.	M26
T 27	9 44 26	28° 8'47	14°47	1♒ 7	26°11	19°31	14° 0	10°11	18° 7	0°54	28°47	18°35	18°18	1°15	n.a.	T 27
W28	9 48 22	29° 7'39	28°49	2°21	27°24	20° 2	13°53	10°14	18° 5	0°53	28°48	18°36	18°15	1°21	n.a.	W28
T 29	9 52 19	0♓ 6'29	12♌41	3♒38	28♑36	20♏33	13♌46	10♐17	18♎ 4	0♋53	28♉48	18°R36	18♒12	1♐28	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s56	20n52	1n20	19s12	3n17	22s59	0n45	12s19	1n12	17n26	1n37	21s 6	0n58	6s49	0n33	23n35	0s14	17n20	2s58	15s30	15s 9	25s 3		n.a.
F 2	19 42	15 45	0 3	19 28	3 6	23 5	0 41	12 31	1 12	17 29	1 38	21 7	0 58	6 49	0 33	23 35	0 14	17 20	2 58	15 30	15 10	25 5		n.a.
S 3	19 28	9 57	1s12	19 44	2 54	23 10	0 38	12 43	1 11	17 31	1 38	21 8	0 58	6 49	0 33	23 35	0 13	17 20	2 58	15 30	15 11	25 6		n.a.
S 4	19 13	3 52	2 21	20 0	2 41	23 14	0 34	12 55	1 11	17 34	1 38	21 9	0 58	6 49	0 33	23 35	0 13	17 20	2 58	15 30	15 12	25 8		n.a.
M 5	18 58	2s12	3 21	20 15	2 28	23 18	0 31	13 7	1 10	17 36	1 38	21 9	0 58	6 49	0 33	23 35	0 13	17 20	2 57	15 30	15 13	25 9		n.a.
T 6	18 43	8 1	4 9	20 30	2 15	23 22	0 28	13 19	1 9	17 39	1 38	21 10	0 58	6 49	0 33	23 35	0 13	17 20	2 57	15 29	15 14	25 11		n.a.
W 7	18 27	13 23	4 45	20 44	2 1	23 24	0 24	13 30	1 9	17 41	1 38	21 11	0 58	6 49	0 33	23 36	0 13	17 20	2 57	15 29	15 15	25 12		n.a.
T 8	18 11	18 9	5 7	20 57	1 47	23 26	0 21	13 42	1 8	17 43	1 38	21 12	0 58	6 48	0 33	23 36	0 13	17 20	2 57	15 29	15 16	25 13		n.a.
F 9	17 55	22 10	5 16	21 10	1 34	23 27	0 18	13 54	1 7	17 46	1 38	21 12	0 58	6 48	0 33	23 36	0 13	17 20	2 57	15 29	15 17	25 15		n.a.
S 10	17 39	25 14	5 12	21 22	1 20	23 28	0 14	14 5	1 6	17 48	1 39	21 13	0 58	6 48	0 33	23 36	0 13	17 20	2 57	15 29	15 18	25 16		n.a.
S 11	17 22	27 14	4 54	21 33	1 7	23 27	0 11	14 16	1 6	17 51	1 39	21 14	0 58	6 48	0 33	23 36	0 13	17 20	2 57	15 29	15 19	25 17		n.a.
M12	17 5	27 59	4 23	21 43	0 54	23 26	0 8	14 28	1 5	17 53	1 39	21 14	0 58	6 48	0 33	23 36	0 13	17 20	2 57	15 29	15 20	25 19		n.a.
T 13	16 47	27 24	3 40	21 52	0 41	23 25	0 4	14 39	1 4	17 56	1 39	21 15	0 58	6 47	0 33	23 36	0 13	17 20	2 56	15 30	15 21	25 20		n.a.
W14	16 30	25 29	2 47	21 59	0 28	23 23	0 1	14 50	1 3	17 58	1 39	21 16	0 58	6 47	0 33	23 36	0 13	17 21	2 56	15 30	15 22	25 22		n.a.
T 15	16 12	22 17	1 44	22 6	0 16	23 20	0s 2	15 1	1 3	18 1	1 39	21 16	0 58	6 47	0 33	23 36	0 13	17 21	2 56	15 30	15 23	25 23		n.a.
F 16	15 54	17 57	0 35	22 12	0 4	23 16	0 5	15 12	1 2	18 3	1 39	21 17	0 58	6 47	0 33	23 36	0 13	17 21	2 56	15 30	15 24	25 24		n.a.
S 17	15 35	12 43	0n37	22 16	0s 7	23 12	0 8	15 22	1 1	18 5	1 39	21 17	0 58	6 46	0 33	23 36	0 13	17 21	2 56	15 30	15 25	25 26		n.a.
S 18	15 16	6 48	1 49	22 20	0 18	23 7	0 11	15 33	1 0	18 8	1 39	21 18	0 58	6 46	0 33	23 36	0 13	17 21	2 56	15 30	15 26	25 27		n.a.
M19	14 58	0 30	2 55	22 22	0 29	23 1	0 14	15 44	0 59	18 10	1 39	21 18	0 58	6 45	0 33	23 36	0 13	17 21	2 56	15 30	15 27	25 28		n.a.
T 20	14 38	5n55	3 53	22 22	0 39	22 55	0 17	15 54	0 58	18 12	1 39	21 19	0 58	6 45	0 33	23 36	0 13	17 21	2 56	15 30	15 28	25 29		n.a.
W21	14 19	12 7	4 38	22 22	0 48	22 47	0 20	16 4	0 57	18 15	1 39	21 20	0 58	6 45	0 33	23 36	0 13	17 21	2 55	15 30	15 29	25 31		n.a.
T 22	13 59	17 46	5 6	22 20	0 58	22 40	0 23	16 15	0 56	18 17	1 39	21 20	0 58	6 44	0 33	23 36	0 13	17 21	2 55	15 30	15 30	25 32		n.a.
F 23	13 40	22 30	5 17	22 16	1 6	22 31	0 26	16 25	0 55	18 19	1 39	21 21	0 58	6 44	0 33	23 36	0 13	17 22	2 55	15 30	15 31	25 33		n.a.
S 24	13 20	25 57	5 8	22 11	1 15	22 22	0 29	16 35	0 54	18 22	1 39	21 21	0 58	6 43	0 33	23 36	0 13	17 22	2 55	15 30	15 32	25 35		n.a.
S 25	12 59	27 46	4 40	22 5	1 23	22 13	0 32	16 45	0 53	18 24	1 39	21 22	0 58	6 43	0 33	23 36	0 13	17 22	2 55	15 30	15 33	25 36		n.a.
M26	12 39	27 45	3 55	21 57	1 30	22 2	0 34	16 54	0 52	18 26	1 39	21 22	0 58	6 42	0 33	23 36	0 13	17 22	2 55	15 30	15 34	25 37		n.a.
T 27	12 18	25 55	2 57	21 48	1 37	21 51	0 37	17 4	0 51	18 28	1 39	21 22	0 58	6 42	0 33	23 36	0 13	17 22	2 55	15 30	15 35	25 38		n.a.
W28	11 58	22 28	1 47	21 38	1 43	21 40	0 40	17 14	0 50	18 30	1 39	21 23	0 58	6 41	0 33	23 36	0 13	17 22	2 55	15 30	15 36	25 40		n.a.
T 29	11s37	17n48	0n33	21s25	1s49	21s27	0s42	17s23	0n49	18n32	1n39	21s23	0n58	6s41	0n33	23n36	0s13	17n22	2s54	15s29	15s37	25s41		n.a.

Julian Day Number = 1339767.5, Delta T = 07h16m49s
Ecliptic obliquity = 23°49'17, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°30'02, Lahiri = -18°23'01 Julian Calendar 1 Feb. 1045 BCE == Greg. Calendar 22 Jan. 1045 BCE

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

MARCH 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 56 15	1♓ 5'17	26♌21	4♒56	29♉49	21♏ 4	13°R39	10♐20	18°R 3	0°R52	28♉48	18°R36	18♒ 9	1♐35	n.a.	F 1
S 2	10 0 12	2° 4'02	9♍45	6°16	1♒ 1	21°35	13♌31	10°23	18♎ 1	0♋51	28°48	18♒36	18° 6	1°42	n.a.	S 2
S 3	10 4 8	3° 2'45	22°53	7°38	2°14	22° 6	13°24	10°25	18° 0	0°51	28°48	18°34	18° 3	1°48	n.a.	S 3
M 4	10 8 5	4° 1'27	5♎43	9° 2	3°26	22°36	13°18	10°28	17°58	0°50	28°49	18°32	17°59	1°55	n.a.	M 4
T 5	10 12 1	5° 0'06	18°16	10°28	4°39	23° 7	13°11	10°30	17°57	0°50	28°49	18°30	17°56	2° 2	n.a.	T 5
W 6	10 15 58	5°58'43	0♏35	11°56	5°51	23°37	13° 4	10°33	17°55	0°49	28°49	18°27	17°53	2° 8	n.a.	W 6
T 7	10 19 55	6°57'19	12°41	13°25	7° 4	24° 7	12°57	10°35	17°53	0°49	28°50	18°25	17°50	2°15	n.a.	T 7
F 8	10 23 51	7°55'53	24°39	14°56	8°16	24°37	12°51	10°37	17°52	0°48	28°50	18°24	17°47	2°22	n.a.	F 8
S 9	10 27 48	8°54'25	6♐32	16°28	9°29	25° 6	12°45	10°39	17°50	0°48	28°50	18°D23	17°43	2°29	n.a.	S 9
S 10	10 31 44	9°52'55	18°26	18° 3	10°42	25°36	12°38	10°41	17°48	0°47	28°51	18°23	17°40	2°35	n.a.	S 10
M11	10 35 41	10°51'23	0♑24	19°39	11°54	26° 5	12°32	10°43	17°47	0°47	28°51	18°24	17°37	2°42	n.a.	M11
T 12	10 39 37	11°49'50	12°32	21°16	13° 7	26°34	12°26	10°45	17°45	0°47	28°52	18°26	17°34	2°49	n.a.	T 12
W13	10 43 34	12°48'15	24°54	22°56	14°20	27° 3	12°20	10°47	17°43	0°46	28°52	18°28	17°31	2°56	n.a.	W13
T 14	10 47 30	13°46'38	7♒33	24°37	15°32	27°31	12°15	10°49	17°41	0°46	28°53	18°29	17°28	3° 2	n.a.	T 14
F 15	10 51 27	14°45'00	20°32	26°19	16°45	28° 0	12° 9	10°50	17°39	0°46	28°53	18°R29	17°24	3° 9	n.a.	F 15
S 16	10 55 23	15°43'19	3♓52	28° 4	17°57	28°28	12° 3	10°52	17°37	0°46	28°54	18°28	17°21	3°16	n.a.	S 16
S 17	10 59 20	16°41'36	17°33	29°50	19°10	28°55	11°58	10°53	17°35	0°45	28°54	18°26	17°18	3°22	n.a.	S 17
M18	11 3 17	17°39'52	1♈31	1♓37	20°23	29°23	11°53	10°54	17°33	0°45	28°55	18°23	17°15	3°29	n.a.	M18
T 19	11 7 13	18°38'05	15°44	3°27	21°36	29°50	11°48	10°56	17°31	0°45	28°56	18°18	17°12	3°36	n.a.	T 19
W20	11 11 10	19°36'17	0♉ 5	5°18	22°48	0♐17	11°43	10°57	17°29	0°45	28°56	18°14	17° 9	3°43	n.a.	W20
T 21	11 15 6	20°34'27	14°31	7°11	24° 1	0°44	11°38	10°58	17°27	0°45	28°57	18°10	17° 5	3°49	n.a.	T 21
F 22	11 19 3	21°32'34	28°55	9° 5	25°14	1°10	11°34	10°59	17°25	0°D45	28°58	18° 7	17° 2	3°56	n.a.	F 22
S 23	11 22 59	22°30'39	13♊13	11° 1	26°26	1°37	11°29	10°59	17°22	0°45	28°58	18° 5	16°59	4° 3	n.a.	S 23
S 24	11 26 56	23°28'43	27°23	12°59	27°39	2° 3	11°25	11° 0	17°20	0°45	28°59	18°D 5	16°56	4° 9	n.a.	S 24
M25	11 30 52	24°26'44	11♋23	14°59	28°52	2°28	11°21	11° 1	17°18	0°45	29° 0	18° 5	16°53	4°16	n.a.	M25
T 26	11 34 49	25°24'43	25°12	17° 0	0♓ 5	2°53	11°17	11° 1	17°16	0°45	29° 1	18° 7	16°49	4°23	n.a.	T 26
W27	11 38 46	26°22'40	8♌49	19° 2	1°17	3°18	11°13	11° 2	17°14	0°46	29° 1	18° 8	16°46	4°30	n.a.	W27
T 28	11 42 42	27°20'35	22°15	21° 6	2°30	3°43	11° 9	11° 2	17°11	0°46	29° 2	18°R 8	16°43	4°36	n.a.	T 28
F 29	11 46 39	28°18'28	5♍30	23°12	3°43	4° 7	11° 6	11° 2	17° 9	0°46	29° 3	18° 7	16°40	4°43	n.a.	F 29
S 30	11 50 35	29°16'20	18°32	25°18	4°56	4°31	11° 3	11° 2	17° 7	0°46	29° 4	18° 4	16°37	4°50	n.a.	S 30
S 31	11 54 32	0♈14'09	1♎22	27♓26	6♓ 8	4♐55	11♌ 0	11°R 2	17♎ 4	0♋47	29♉ 5	17♒58	16♒34	4♐56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s16	12n16	0s43	21s11	1s55	21s15	0s45	17s33	0n48	18n34	1n39	21s24	0n58	6s40	0n33	23n36	0s13	17n23	2s54	15s29	15s38	25s42		n.a.
S 2	10 54	6 17	1 54	20 56	2 0	21 1	0 47	17 42	0 47	18 36	1 39	21 24	0 58	6 40	0 34	23 36	0 13	17 23	2 54	15 30	15 39	25 43		n.a.
S 3	10 33	0 9	2 58	20 39	2 4	20 47	0 50	17 51	0 45	18 38	1 39	21 24	0 58	6 39	0 34	23 36	0 13	17 23	2 54	15 30	15 40	25 45		n.a.
M 4	10 11	5s50	3 52	20 21	2 8	20 32	0 52	18 0	0 44	18 40	1 39	21 25	0 58	6 39	0 34	23 36	0 13	17 23	2 54	15 31	15 41	25 46		n.a.
T 5	9 50	11 28	4 32	20 0	2 12	20 17	0 54	18 9	0 43	18 42	1 39	21 25	0 58	6 38	0 34	23 36	0 13	17 23	2 54	15 31	15 42	25 47		n.a.
W 6	9 28	16 31	5 0	19 39	2 15	20 1	0 57	18 18	0 41	18 44	1 39	21 25	0 58	6 37	0 34	23 36	0 13	17 24	2 54	15 32	15 43	25 48		n.a.
T 7	9 6	20 51	5 13	19 15	2 17	19 45	0 59	18 27	0 40	18 46	1 39	21 26	0 58	6 37	0 34	23 36	0 13	17 24	2 54	15 33	15 44	25 49		n.a.
F 8	8 44	24 17	5 13	18 50	2 19	19 28	1 1	18 36	0 39	18 48	1 39	21 26	0 58	6 36	0 34	23 36	0 13	17 24	2 53	15 33	15 45	25 50		n.a.
S 9	8 21	26 39	4 59	18 23	2 21	19 11	1 3	18 45	0 37	18 50	1 38	21 26	0 58	6 35	0 34	23 36	0 13	17 24	2 53	15 34	15 46	25 52		n.a.
S 10	7 59	27 50	4 33	17 55	2 22	18 52	1 5	18 53	0 36	18 51	1 38	21 27	0 58	6 35	0 34	23 36	0 13	17 24	2 53	15 33	15 47	25 53		n.a.
M11	7 37	27 44	3 54	17 24	2 22	18 34	1 7	19 1	0 35	18 53	1 38	21 27	0 58	6 34	0 34	23 36	0 13	17 25	2 53	15 33	15 48	25 54		n.a.
T 12	7 14	26 17	3 5	16 53	2 22	18 15	1 9	19 10	0 33	18 55	1 38	21 27	0 58	6 33	0 34	23 36	0 13	17 25	2 53	15 33	15 49	25 55		n.a.
W13	6 51	23 33	2 6	16 19	2 22	17 55	1 11	19 18	0 32	18 56	1 38	21 27	0 58	6 33	0 34	23 36	0 13	17 25	2 53	15 32	15 50	25 56		n.a.
T 14	6 29	19 38	1 0	15 44	2 20	17 35	1 12	19 26	0 30	18 58	1 38	21 28	0 58	6 32	0 34	23 36	0 13	17 25	2 53	15 32	15 51	25 57		n.a.
F 15	6 6	14 42	0n11	15 7	2 19	17 15	1 14	19 34	0 28	18 59	1 38	21 28	0 58	6 31	0 34	23 36	0 13	17 26	2 53	15 32	15 52	25 59		n.a.
S 16	5 43	8 57	1 23	14 28	2 17	16 54	1 16	19 42	0 27	19 1	1 38	21 28	0 58	6 30	0 34	23 36	0 13	17 26	2 52	15 32	15 53	26 0		n.a.
S 17	5 20	2 40	2 32	13 48	2 14	16 32	1 17	19 50	0 25	19 2	1 38	21 28	0 59	6 29	0 34	23 36	0 13	17 26	2 52	15 33	15 54	26 1		n.a.
M18	4 57	3n52	3 34	13 6	2 11	16 10	1 19	19 58	0 23	19 3	1 37	21 28	0 59	6 29	0 34	23 37	0 13	17 26	2 52	15 34	15 55	26 2		n.a.
T 19	4 34	10 19	4 23	12 22	2 7	15 48	1 20	20 5	0 22	19 5	1 37	21 28	0 59	6 28	0 34	23 37	0 13	17 27	2 52	15 35	15 56	26 3		n.a.
W20	4 11	16 17	4 56	11 37	2 2	15 25	1 22	20 13	0 20	19 6	1 37	21 29	0 59	6 27	0 34	23 37	0 13	17 27	2 52	15 36	15 57	26 4		n.a.
T 21	3 48	21 23	5 11	10 50	1 58	15 2	1 23	20 20	0 18	19 7	1 37	21 29	0 59	6 26	0 34	23 37	0 13	17 27	2 52	15 38	15 58	26 5		n.a.
F 22	3 24	25 12	5 6	10 1	1 52	14 38	1 24	20 27	0 16	19 8	1 37	21 29	0 59	6 25	0 34	23 37	0 13	17 27	2 52	15 39	15 59	26 6		n.a.
S 23	3 1	27 25	4 42	9 11	1 46	14 14	1 25	20 35	0 14	19 9	1 37	21 29	0 59	6 25	0 34	23 37	0 13	17 28	2 52	15 39	16 0	26 7		n.a.
S 24	2 38	27 49	4 1	8 19	1 40	13 50	1 26	20 42	0 12	19 11	1 37	21 29	0 59	6 24	0 34	23 37	0 13	17 28	2 51	15 39	16 1	26 8		n.a.
M25	2 14	26 25	3 7	7 26	1 33	13 25	1 27	20 49	0 10	19 12	1 36	21 29	0 59	6 23	0 34	23 37	0 13	17 28	2 51	15 39	16 2	26 9		n.a.
T 26	1 51	23 26	2 2	6 31	1 25	13 0	1 28	20 56	0 8	19 12	1 36	21 29	0 59	6 22	0 34	23 37	0 13	17 28	2 51	15 39	16 3	26 10		n.a.
W27	1 28	19 9	0 50	5 35	1 17	12 34	1 29	21 3	0 6	19 13	1 36	21 29	0 59	6 21	0 34	23 37	0 12	17 29	2 51	15 38	16 4	26 11		n.a.
T 28	1 4	13 58	0s22	4 38	1 9	12 8	1 30	21 10	0 4	19 14	1 36	21 29	0 59	6 20	0 34	23 37	0 12	17 29	2 51	15 38	16 5	26 13		n.a.
F 29	0 41	8 12	1 33	3 39	1 0	11 42	1 31	21 16	0 2	19 15	1 36	21 29	0 59	6 19	0 34	23 37	0 12	17 29	2 51	15 39	16 5	26 14		n.a.
S 30	0 18	2 12	2 37	2 40	0 50	11 16	1 31	21 23	0s 0	19 16	1 35	21 29	0 59	6 18	0 34	23 37	0 12	17 30	2 51	15 40	16 6	26 15		n.a.
S 31	0n 6	3s47	3s32	1s40	0s41	10s49	1s32	21s30	0s 2	19n16	1n35	21s29	0n59	6s17	0n34	23n37	0s12	17n30	2s51	15s41	16s 7	26s16		n.a.

Julian Day Number = 1339796.5, Delta T = 07h16m48s
Ecliptic obliquity = 23°49'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'58, Lahiri = -18°22'57 Julian Calendar 1 March 1045 BCE == Greg. Calendar 20 Feb. 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

APRIL 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 58 28	1♈11'57	14♎ 0	29♓35	7♓21	5♐19	10°R57	11°R 2	17°R 2	0♋47	29♉ 5	17°R52	16♒30	5♐ 3	n.a.	M 1
T 2	12 2 25	2° 9'43	26°25	1♈44	8°34	5°42	10♌54	11♐ 2	17♎ 0	0°47	29° 6	17♒44	16°27	5°10	n.a.	T 2
W 3	12 6 21	3° 7'28	8♏38	3°54	9°47	6° 4	10°51	11° 2	16°57	0°48	29° 7	17°36	16°24	5°17	n.a.	W 3
T 4	12 10 18	4° 5'12	20°42	6° 5	11° 0	6°26	10°49	11° 1	16°55	0°48	29° 8	17°28	16°21	5°23	n.a.	T 4
F 5	12 14 14	5° 2'54	2♐39	8°15	12°12	6°48	10°47	11° 1	16°52	0°49	29° 9	17°22	16°18	5°30	n.a.	F 5
S 6	12 18 11	6° 0'35	14°31	10°25	13°25	7°10	10°45	11° 0	16°50	0°49	29°10	17°17	16°14	5°37	n.a.	S 6
S 7	12 22 8	6°58'15	26°23	12°35	14°38	7°31	10°43	11° 0	16°47	0°50	29°11	17°15	16°11	5°43	n.a.	S 7
M 8	12 26 4	7°55'53	8♑20	14°44	15°51	7°51	10°41	10°59	16°45	0°50	29°12	17°D14	16° 8	5°50	n.a.	M 8
T 9	12 30 1	8°53'31	20°27	16°52	17° 4	8°12	10°40	10°58	16°43	0°51	29°13	17°15	16° 5	5°57	n.a.	T 9
W10	12 33 57	9°51'07	2♒48	18°58	18°17	8°31	10°38	10°57	16°40	0°51	29°14	17°16	16° 2	6° 4	n.a.	W10
T 11	12 37 54	10°48'42	15°29	21° 3	19°30	8°51	10°37	10°56	16°38	0°52	29°15	17°R17	15°59	6°10	n.a.	T 11
F 12	12 41 50	11°46'16	28°33	23° 6	20°43	9°10	10°36	10°55	16°35	0°53	29°16	17°16	15°55	6°17	n.a.	F 12
S 13	12 45 47	12°43'49	12♓ 2	25° 8	21°56	9°28	10°35	10°54	16°33	0°53	29°17	17°13	15°52	6°24	n.a.	S 13
S 14	12 49 43	13°41'20	25°58	27° 7	23° 9	9°46	10°35	10°52	16°30	0°54	29°19	17° 9	15°49	6°30	n.a.	S 14
M15	12 53 40	14°38'50	10♈16	29° 3	24°22	10° 3	10°34	10°51	16°28	0°55	29°20	17° 2	15°46	6°37	n.a.	M15
T 16	12 57 37	15°36'20	24°54	0♉57	25°34	10°20	10°34	10°49	16°25	0°56	29°21	16°53	15°43	6°44	n.a.	T 16
W17	13 1 33	16°33'48	9♉42	2°49	26°47	10°37	10°D34	10°48	16°23	0°56	29°22	16°44	15°40	6°51	n.a.	W17
T 18	13 5 30	17°31'14	24°33	4°37	28° 0	10°52	10°34	10°46	16°20	0°57	29°23	16°36	15°36	6°57	n.a.	T 18
F 19	13 9 26	18°28'40	9♊18	6°23	29°13	11° 8	10°35	10°44	16°18	0°58	29°24	16°29	15°33	7° 4	n.a.	F 19
S 20	13 13 23	19°26'04	23°51	8° 6	0♈26	11°22	10°35	10°43	16°15	0°59	29°26	16°24	15°30	7°11	n.a.	S 20
S 21	13 17 19	20°23'27	8♋ 8	9°46	1°39	11°37	10°36	10°41	16°13	1° 0	29°27	16°22	15°27	7°17	n.a.	S 21
M22	13 21 16	21°20'48	22° 6	11°24	2°52	11°50	10°37	10°39	16°10	1° 1	29°28	16°D21	15°24	7°24	n.a.	M22
T 23	13 25 13	22°18'08	5♌46	12°58	4° 5	12° 3	10°38	10°36	16° 8	1° 2	29°29	16°21	15°20	7°31	n.a.	T 23
W24	13 29 9	23°15'26	19° 9	14°29	5°18	12°16	10°39	10°34	16° 5	1° 3	29°31	16°R22	15°17	7°38	n.a.	W24
T 25	13 33 6	24°12'44	2♍17	15°57	6°31	12°28	10°40	10°32	16° 3	1° 4	29°32	16°21	15°14	7°44	n.a.	T 25
F 26	13 37 2	25°10'00	15°11	17°22	7°44	12°39	10°42	10°30	16° 0	1° 5	29°33	16°17	15°11	7°51	n.a.	F 26
S 27	13 40 59	26° 7'15	27°54	18°44	8°58	12°49	10°44	10°27	15°58	1° 6	29°34	16°12	15° 8	7°58	n.a.	S 27
S 28	13 44 55	27° 4'29	10♎26	20° 3	10°11	12°59	10°46	10°25	15°55	1° 8	29°36	16° 3	15° 5	8° 4	n.a.	S 28
M29	13 48 52	28° 1'42	22°48	21°19	11°24	13° 9	10°48	10°22	15°53	1° 9	29°37	15°52	15° 1	8°11	n.a.	M29
T 30	13 52 48	28♈58'54	5♏ 2	22♉31	12♈37	13♐17	10♌50	10♐19	15♎50	1♋10	29♉38	15♒40	14♒58	8♐18	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n29	9s32	4s16	0s38	0s31	10s22	1s32	21s36	0s 5	19n17	1n35	21s29	0n59	6s17	0n34	23n37	0s12	17n30	2s50	15s43	16s 8	26s17		n.a.
T 2	0 52	14 47	4 47	0n23	0 21	9 55	1 33	21 43	0 7	19 18	1 35	21 29	0 59	6 16	0 34	23 37	0 12	17 31	2 50	15 46	16 9	26 18		n.a.
W 3	1 16	19 23	5 4	1 25	0 10	9 27	1 33	21 49	0 9	19 18	1 35	21 29	0 59	6 15	0 34	23 37	0 12	17 31	2 50	15 48	16 10	26 19		n.a.
T 4	1 39	23 8	5 7	2 27	0n 0	9 0	1 33	21 55	0 12	19 19	1 35	21 29	0 59	6 14	0 34	23 37	0 12	17 31	2 50	15 51	16 11	26 19		n.a.
F 5	2 2	25 52	4 57	3 29	0 11	8 32	1 34	22 2	0 14	19 19	1 34	21 29	0 59	6 13	0 34	23 37	0 12	17 31	2 50	15 53	16 12	26 20		n.a.
S 6	2 25	27 26	4 34	4 31	0 22	8 3	1 34	22 8	0 17	19 19	1 34	21 29	0 59	6 12	0 34	23 37	0 12	17 32	2 50	15 54	16 13	26 21		n.a.
S 7	2 49	27 45	3 59	5 32	0 32	7 35	1 34	22 14	0 19	19 20	1 34	21 29	0 59	6 11	0 34	23 37	0 12	17 32	2 50	15 55	16 14	26 22		n.a.
M 8	3 12	26 47	3 14	6 33	0 43	7 6	1 34	22 20	0 22	19 20	1 34	21 29	0 59	6 10	0 34	23 37	0 12	17 32	2 50	15 55	16 15	26 23		n.a.
T 9	3 35	24 32	2 19	7 32	0 53	6 37	1 34	22 26	0 25	19 20	1 33	21 28	0 59	6 9	0 34	23 37	0 12	17 33	2 50	15 55	16 16	26 24		n.a.
W10	3 58	21 6	1 17	8 31	1 3	6 8	1 34	22 32	0 27	19 20	1 33	21 28	0 59	6 8	0 34	23 37	0 12	17 33	2 49	15 54	16 17	26 25		n.a.
T 11	4 21	16 36	0 10	9 27	1 12	5 39	1 33	22 37	0 30	19 21	1 33	21 28	0 59	6 7	0 34	23 37	0 12	17 33	2 49	15 54	16 18	26 26		n.a.
F 12	4 44	11 14	1n 0	10 23	1 21	5 10	1 33	22 43	0 33	19 21	1 33	21 28	0 59	6 6	0 34	23 37	0 12	17 34	2 49	15 54	16 19	26 27		n.a.
S 13	5 6	5 11	2 9	11 16	1 30	4 40	1 33	22 49	0 36	19 21	1 33	21 28	0 59	6 5	0 34	23 37	0 12	17 34	2 49	15 55	16 20	26 28		n.a.
S 14	5 29	1n18	3 12	12 8	1 38	4 10	1 32	22 55	0 39	19 21	1 32	21 28	0 59	6 4	0 34	23 37	0 12	17 34	2 49	15 57	16 21	26 29		n.a.
M15	5 52	7 52	4 4	12 57	1 46	3 41	1 32	23 0	0 42	19 20	1 32	21 27	0 59	6 3	0 34	23 37	0 12	17 35	2 49	15 59	16 22	26 30		n.a.
T 16	6 14	14 9	4 42	13 45	1 53	3 11	1 31	23 6	0 45	19 20	1 32	21 27	0 59	6 2	0 34	23 37	0 12	17 35	2 49	16 1	16 23	26 31		n.a.
W17	6 37	19 42	5 2	14 30	1 59	2 41	1 31	23 11	0 48	19 20	1 32	21 27	0 59	6 1	0 34	23 37	0 12	17 35	2 49	16 4	16 24	26 31		n.a.
T 18	6 59	24 4	5 1	15 13	2 5	2 11	1 30	23 17	0 51	19 20	1 32	21 27	0 59	6 0	0 34	23 37	0 12	17 36	2 49	16 7	16 25	26 32		n.a.
F 19	7 21	26 49	4 40	15 54	2 9	1 41	1 29	23 22	0 55	19 20	1 31	21 26	0 59	5 59	0 34	23 37	0 12	17 36	2 49	16 9	16 26	26 33		n.a.
S 20	7 43	27 42	4 2	16 32	2 14	1 10	1 29	23 27	0 58	19 19	1 31	21 26	0 59	5 58	0 34	23 37	0 12	17 37	2 48	16 10	16 27	26 34		n.a.
S 21	8 5	26 42	3 9	17 8	2 17	0 40	1 28	23 33	1 1	19 19	1 31	21 26	0 59	5 57	0 34	23 37	0 12	17 37	2 48	16 11	16 28	26 35		n.a.
M22	8 27	24 2	2 5	17 42	2 20	0 10	1 27	23 38	1 5	19 18	1 31	21 26	0 59	5 56	0 34	23 37	0 12	17 37	2 48	16 11	16 29	26 36		n.a.
T 23	8 49	20 2	0 56	18 13	2 22	0n20	1 26	23 43	1 8	19 18	1 30	21 25	0 59	5 55	0 34	23 37	0 12	17 38	2 48	16 11	16 30	26 37		n.a.
W24	9 11	15 5	0s15	18 43	2 23	0 51	1 25	23 48	1 12	19 17	1 30	21 25	0 59	5 55	0 34	23 37	0 12	17 38	2 48	16 11	16 30	26 37		n.a.
T 25	9 32	9 32	1 24	19 10	2 23	1 21	1 24	23 54	1 15	19 17	1 30	21 25	0 59	5 54	0 34	23 37	0 12	17 38	2 48	16 11	16 31	26 38		n.a.
F 26	9 53	3 41	2 27	19 34	2 23	1 51	1 23	23 59	1 19	19 16	1 30	21 24	0 59	5 53	0 34	23 37	0 12	17 39	2 48	16 12	16 32	26 39		n.a.
S 27	10 15	2s13	3 21	19 57	2 22	2 22	1 21	24 4	1 23	19 15	1 30	21 24	0 59	5 52	0 34	23 37	0 12	17 39	2 48	16 14	16 33	26 40		n.a.
S 28	10 36	7 57	4 5	20 17	2 20	2 52	1 20	24 9	1 26	19 15	1 29	21 24	0 59	5 51	0 34	23 37	0 12	17 39	2 48	16 17	16 34	26 41		n.a.
M29	10 56	13 17	4 37	20 35	2 17	3 22	1 19	24 14	1 30	19 14	1 29	21 23	0 59	5 50	0 34	23 37	0 12	17 40	2 48	16 20	16 35	26 41		n.a.
T 30	11n17	18s 2	4s56	20n51	2n14	3n52	1s17	24s19	1s34	19n13	1n29	21s23	0n59	5s49	0n34	23n37	0s12	17n40	2s47	16s24	16s36	26s42		n.a.

Julian Day Number = 1339827.5, Delta T = 07h16m46s
Ecliptic obliquity = 23°49'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'54, Lahiri = -18°22'53 Julian Calendar 1 Apr. 1045 BCE == Greg. Calendar 22 March 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

MAY 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 56 45	29♈56'05	17♏ 8	23♉41	13♈50	13♐25	10♌52	10°R17	15°R48	1♋11	29♉40	15°R27	14♒55	8♐25	n.a.	W 1
T 2	14 0 41	0♉53'16	29° 6	24°46	15° 3	13°33	10°55	10♐14	15♎46	1°13	29°41	15♒15	14°52	8°31	n.a.	T 2
F 3	14 4 38	1°50'27	11♐ 0	25°49	16°16	13°39	10°58	10°11	15°43	1°14	29°42	15° 4	14°49	8°38	n.a.	F 3
S 4	14 8 35	2°47'37	22°50	26°48	17°29	13°45	11° 1	10° 8	15°41	1°15	29°44	14°56	14°46	8°45	n.a.	S 4
S 5	14 12 31	3°44'46	4♑42	27°43	18°42	13°51	11° 4	10° 5	15°39	1°17	29°45	14°50	14°42	8°51	n.a.	S 5
M 6	14 16 28	4°41'55	16°37	28°35	19°56	13°55	11° 7	10° 2	15°36	1°18	29°46	14°47	14°39	8°58	n.a.	M 6
T 7	14 20 24	5°39'04	28°42	29°22	21° 9	13°59	11°11	9°58	15°34	1°19	29°48	14°46	14°36	9° 5	n.a.	T 7
W 8	14 24 21	6°36'12	11♒ 1	0♊ 7	22°22	14° 2	11°14	9°55	15°32	1°21	29°49	14°46	14°33	9°12	n.a.	W 8
T 9	14 28 17	7°33'20	23°39	0°47	23°35	14° 4	11°18	9°52	15°29	1°22	29°51	14°46	14°30	9°18	n.a.	T 9
F 10	14 32 14	8°30'28	6♓42	1°23	24°48	14° 6	11°22	9°49	15°27	1°24	29°52	14°45	14°26	9°25	n.a.	F 10
S 11	14 36 11	9°27'36	20°12	1°55	26° 2	14° 7	11°26	9°45	15°25	1°25	29°54	14°41	14°23	9°32	n.a.	S 11
S 12	14 40 7	10°24'43	4♈11	2°22	27°15	14°R 7	11°30	9°42	15°23	1°27	29°55	14°35	14°20	9°38	n.a.	S 12
M13	14 44 4	11°21'50	18°38	2°46	28°28	14° 6	11°35	9°38	15°21	1°28	29°56	14°27	14°17	9°45	n.a.	M13
T 14	14 48 0	12°18'57	3♉28	3° 5	29°41	14° 5	11°39	9°34	15°18	1°30	29°58	14°17	14°14	9°52	n.a.	T 14
W15	14 51 57	13°16'04	18°34	3°19	0♉55	14° 2	11°44	9°31	15°16	1°31	29°59	14° 6	14°11	9°59	n.a.	W15
T 16	14 55 53	14°13'11	3♊44	3°29	2° 8	13°59	11°49	9°27	15°14	1°33	0♊ 1	13°55	14° 7	10° 5	n.a.	T 16
F 17	14 59 50	15°10'17	18°50	3°35	3°21	13°56	11°54	9°23	15°12	1°35	0° 2	13°47	14° 4	10°12	n.a.	F 17
S 18	15 3 46	16° 7'23	3♋40	3°R35	4°35	13°51	11°59	9°19	15°10	1°36	0° 4	13°40	14° 1	10°19	n.a.	S 18
S 19	15 7 43	17° 4'29	18°10	3°32	5°48	13°46	12° 4	9°15	15° 8	1°38	0° 5	13°37	13°58	10°25	n.a.	S 19
M20	15 11 40	18° 1'34	2♌16	3°24	7° 1	13°40	12°10	9°11	15° 6	1°40	0° 7	13°35	13°55	10°32	n.a.	M20
T 21	15 15 36	18°58'38	15°57	3°11	8°15	13°33	12°16	9° 7	15° 4	1°41	0° 8	13°35	13°52	10°39	n.a.	T 21
W22	15 19 33	19°55'42	29°16	2°54	9°28	13°26	12°21	9° 3	15° 2	1°43	0°10	13°35	13°48	10°46	n.a.	W22
T 23	15 23 29	20°52'46	12♍15	2°33	10°42	13°17	12°27	8°59	15° 1	1°45	0°11	13°34	13°45	10°52	n.a.	T 23
F 24	15 27 26	21°49'50	24°58	2° 9	11°55	13° 9	12°33	8°55	14°59	1°47	0°13	13°30	13°42	10°59	n.a.	F 24
S 25	15 31 22	22°46'53	7♎27	1°41	13° 9	12°59	12°40	8°51	14°57	1°49	0°14	13°24	13°39	11° 6	n.a.	S 25
S 26	15 35 19	23°43'56	19°46	1°10	14°22	12°49	12°46	8°47	14°55	1°50	0°16	13°15	13°36	11°12	n.a.	S 26
M27	15 39 16	24°40'59	1♏56	0°37	15°35	12°39	12°52	8°43	14°53	1°52	0°17	13° 4	13°32	11°19	n.a.	M27
T 28	15 43 12	25°38'02	14° 0	0° 2	16°49	12°27	12°59	8°39	14°52	1°54	0°19	12°52	13°29	11°26	n.a.	T 28
W29	15 47 9	26°35'06	25°58	29♉25	18° 2	12°15	13° 6	8°34	14°50	1°56	0°20	12°38	13°26	11°32	n.a.	W29
T 30	15 51 5	27°32'09	7♐52	28°48	19°16	12° 3	13°13	8°30	14°48	1°58	0°22	12°26	13°23	11°39	n.a.	T 30
F 31	15 55 2	28♉29'13	19♐43	28♉11	20♉30	11♐50	13♌20	8♐26	14♎47	2♋ 0	0♊23	12♒15	13♒20	11♐46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n38	22s 0	5s 1	21n 5	2n 9	4n23	1s16	24s24	1s38	19n12	1n29	21s22	0n59	5s48	0n34	23n37	0s12	17n41	2s47	16s28	16s37	26s43			n.a.
T 2	11 58	25 1	4 52	21 16	2 4	4 53	1 15	24 29	1 42	19 11	1 28	21 22	0 59	5 47	0 34	23 37	0 12	17 41	2 47	16 31	16 38	26 44			n.a.
F 3	12 18	26 55	4 31	21 26	1 58	5 23	1 13	24 34	1 46	19 10	1 28	21 22	0 59	5 46	0 34	23 37	0 12	17 41	2 47	16 34	16 39	26 44			n.a.
S 4	12 38	27 35	3 58	21 34	1 52	5 52	1 11	24 39	1 50	19 9	1 28	21 21	0 59	5 45	0 34	23 37	0 12	17 42	2 47	16 37	16 40	26 45			n.a.
S 5	12 58	26 59	3 15	21 40	1 44	6 22	1 10	24 43	1 55	19 8	1 28	21 21	0 59	5 44	0 33	23 37	0 12	17 42	2 47	16 39	16 41	26 46			n.a.
M 6	13 18	25 8	2 23	21 43	1 36	6 52	1 8	24 48	1 59	19 7	1 28	21 20	0 59	5 43	0 33	23 37	0 12	17 42	2 47	16 39	16 42	26 47			n.a.
T 7	13 37	22 7	1 24	21 45	1 27	7 21	1 6	24 53	2 3	19 6	1 27	21 20	0 59	5 43	0 33	23 37	0 12	17 43	2 47	16 40	16 43	26 47			n.a.
W 8	13 56	18 4	0 20	21 46	1 18	7 51	1 5	24 58	2 8	19 4	1 27	21 19	0 59	5 42	0 33	23 37	0 12	17 43	2 47	16 40	16 44	26 48			n.a.
T 9	14 15	13 7	0n47	21 44	1 7	8 20	1 3	25 2	2 12	19 3	1 27	21 19	0 59	5 41	0 33	23 37	0 12	17 44	2 47	16 40	16 45	26 49			n.a.
F 10	14 34	7 27	1 53	21 41	0 56	8 49	1 1	25 7	2 16	19 2	1 27	21 19	0 59	5 40	0 33	23 37	0 12	17 44	2 47	16 40	16 46	26 50			n.a.
S 11	14 52	1 16	2 55	21 36	0 44	9 17	0 59	25 11	2 21	19 0	1 26	21 18	0 59	5 39	0 33	23 37	0 12	17 44	2 47	16 41	16 47	26 50			n.a.
S 12	15 11	5n11	3 49	21 29	0 32	9 46	0 57	25 16	2 25	18 59	1 26	21 18	0 59	5 38	0 33	23 37	0 12	17 45	2 46	16 43	16 47	26 51			n.a.
M13	15 29	11 34	4 31	21 21	0 19	10 14	0 55	25 20	2 30	18 58	1 26	21 17	0 59	5 37	0 33	23 37	0 12	17 45	2 46	16 45	16 48	26 52			n.a.
T 14	15 47	17 29	4 55	21 11	0 5	10 43	0 53	25 25	2 35	18 56	1 26	21 17	0 59	5 37	0 33	23 37	0 12	17 46	2 46	16 48	16 49	26 52			n.a.
W15	16 4	22 24	4 59	21 0	0s10	11 11	0 51	25 29	2 39	18 55	1 26	21 16	0 59	5 36	0 33	23 37	0 12	17 46	2 46	16 52	16 50	26 53			n.a.
T 16	16 22	25 51	4 43	20 47	0 24	11 38	0 49	25 33	2 44	18 53	1 25	21 15	0 58	5 35	0 33	23 37	0 12	17 46	2 46	16 55	16 51	26 54			n.a.
F 17	16 39	27 26	4 6	20 33	0 40	12 6	0 47	25 38	2 49	18 51	1 25	21 15	0 58	5 34	0 33	23 37	0 12	17 47	2 46	16 57	16 52	26 54			n.a.
S 18	16 56	27 0	3 14	20 18	0 55	12 33	0 45	25 42	2 53	18 50	1 25	21 14	0 58	5 33	0 33	23 37	0 12	17 47	2 46	16 59	16 53	26 55			n.a.
S 19	17 12	24 43	2 10	20 2	1 11	13 0	0 43	25 46	2 58	18 48	1 25	21 14	0 58	5 33	0 33	23 37	0 11	17 47	2 46	17 0	16 54	26 55			n.a.
M20	17 28	20 56	1 0	19 44	1 27	13 26	0 41	25 50	3 3	18 46	1 24	21 13	0 58	5 32	0 33	23 37	0 11	17 48	2 46	17 1	16 55	26 56			n.a.
T 21	17 44	16 7	0s13	19 26	1 44	13 52	0 38	25 54	3 8	18 44	1 24	21 13	0 58	5 31	0 33	23 37	0 11	17 48	2 46	17 1	16 56	26 57			n.a.
W22	18 0	10 38	1 22	19 7	2 0	14 18	0 36	25 57	3 13	18 42	1 24	21 12	0 58	5 30	0 33	23 37	0 11	17 49	2 46	17 1	16 57	26 57			n.a.
T 23	18 16	4 50	2 25	18 47	2 16	14 44	0 34	26 1	3 17	18 41	1 24	21 12	0 58	5 30	0 33	23 37	0 11	17 49	2 46	17 1	16 58	26 58			n.a.
F 24	18 31	1s 1	3 20	18 27	2 31	15 9	0 32	26 5	3 22	18 39	1 24	21 11	0 58	5 29	0 33	23 37	0 11	17 49	2 46	17 2	16 59	26 59			n.a.
S 25	18 46	6 44	4 4	18 6	2 47	15 34	0 29	26 8	3 27	18 37	1 23	21 10	0 58	5 28	0 33	23 37	0 11	17 50	2 46	17 4	17 0	26 59			n.a.
S 26	19 0	12 6	4 36	17 46	3 1	15 58	0 27	26 12	3 32	18 35	1 23	21 10	0 58	5 28	0 33	23 37	0 11	17 50	2 45	17 6	17 1	27 0			n.a.
M27	19 14	16 56	4 55	17 25	3 15	16 22	0 25	26 15	3 36	18 33	1 23	21 9	0 58	5 27	0 33	23 37	0 11	17 51	2 45	17 10	17 1	27 0			n.a.
T 28	19 28	21 3	5 0	17 5	3 28	16 46	0 23	26 18	3 41	18 30	1 23	21 9	0 58	5 26	0 33	23 37	0 11	17 51	2 45	17 13	17 2	27 1			n.a.
W29	19 42	24 17	4 52	16 46	3 40	17 9	0 20	26 21	3 46	18 28	1 23	21 8	0 58	5 26	0 33	23 37	0 11	17 51	2 45	17 17	17 3	27 1			n.a.
T 30	19 55	26 26	4 32	16 28	3 51	17 32	0 18	26 24	3 50	18 26	1 23	21 7	0 58	5 25	0 33	23 37	0 11	17 52	2 45	17 21	17 4	27 2			n.a.
F 31	20n 8	27s24	3s59	16n10	4s 0	17n55	0s15	26s26	3s55	18n24	1n22	21s 7	0n58	5s25	0n33	23n37	0s11	17n52	2s45	17s24	17s 5	27s 2			n.a.

Julian Day Number = 1339857.5, Delta T = 07h16m44s
Ecliptic obliquity = 23°49'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'50, Lahiri = -18°22'49 Julian Calendar 1 May 1045 BCE == Greg. Calendar 21 Apr. 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

JUNE 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 58	29♉26'17	1♋33	27°R34	21♉43	11°R37	13♌27	8°R21	14°R45	2♋ 2	0♊25	12°R 6	13♒17	11♐53	n.a.	S 1
S 2	16 2 55	0♊23'22	13°26	26♉58	22°57	11♐23	13°34	8♐17	14♎44	2° 4	0°26	12♒ 0	13°13	11°59	n.a.	S 2
M 3	16 6 51	1°20'27	25°23	26°24	24°10	11° 8	13°42	8°13	14°42	2° 6	0°28	11°57	13°10	12° 6	n.a.	M 3
T 4	16 10 48	2°17'33	7♒28	25°52	25°24	10°54	13°49	8° 8	14°41	2° 8	0°30	11°D56	13° 7	12°13	n.a.	T 4
W 5	16 14 45	3°14'40	19°47	25°24	26°38	10°38	13°57	8° 4	14°40	2° 9	0°31	11°56	13° 4	12°19	n.a.	W 5
T 6	16 18 41	4°11'47	2♓23	24°58	27°51	10°23	14° 5	8° 0	14°38	2°11	0°33	11°R56	13° 1	12°26	n.a.	T 6
F 7	16 22 38	5° 8'54	15°22	24°37	29° 5	10° 7	14°12	7°55	14°37	2°14	0°34	11°56	12°57	12°33	n.a.	F 7
S 8	16 26 34	6° 6'03	28°48	24°20	0♊19	9°51	14°20	7°51	14°36	2°16	0°36	11°54	12°54	12°40	n.a.	S 8
S 9	16 30 31	7° 3'12	12♈42	24° 8	1°32	9°35	14°29	7°46	14°34	2°18	0°37	11°49	12°51	12°46	n.a.	S 9
M10	16 34 27	8° 0'23	27° 5	24° 1	2°46	9°19	14°37	7°42	14°33	2°20	0°39	11°43	12°48	12°53	n.a.	M10
T 11	16 38 24	8°57'34	11♉54	23°D59	4° 0	9° 2	14°45	7°37	14°32	2°22	0°40	11°35	12°45	13° 0	n.a.	T 11
W12	16 42 21	9°54'46	27° 2	24° 3	5°14	8°46	14°54	7°33	14°31	2°24	0°42	11°26	12°42	13° 6	n.a.	W12
T 13	16 46 17	10°51'59	12♊19	24°12	6°27	8°29	15° 2	7°29	14°30	2°26	0°43	11°17	12°38	13°13	n.a.	T 13
F 14	16 50 14	11°49'12	27°34	24°27	7°41	8°13	15°11	7°24	14°29	2°28	0°45	11°10	12°35	13°20	n.a.	F 14
S 15	16 54 10	12°46'26	12♋37	24°48	8°55	7°57	15°20	7°20	14°28	2°30	0°46	11° 5	12°32	13°26	n.a.	S 15
S 16	16 58 7	13°43'41	27°19	25°14	10° 9	7°40	15°29	7°15	14°27	2°32	0°48	11° 2	12°29	13°33	n.a.	S 16
M17	17 2 3	14°40'56	11♌35	25°46	11°23	7°24	15°38	7°11	14°27	2°34	0°49	11°D 1	12°26	13°40	n.a.	M17
T 18	17 6 0	15°38'12	25°24	26°24	12°37	7° 9	15°47	7° 7	14°26	2°37	0°51	11° 2	12°23	13°47	n.a.	T 18
W19	17 9 56	16°35'28	8♍47	27° 8	13°51	6°53	15°56	7° 2	14°25	2°39	0°52	11° 2	12°19	13°53	n.a.	W19
T 20	17 13 53	17°32'45	21°47	27°57	15° 5	6°38	16° 5	6°58	14°24	2°41	0°54	11°R 3	12°16	14° 0	n.a.	T 20
F 21	17 17 50	18°30'03	4♎26	28°52	16°19	6°23	16°15	6°54	14°24	2°43	0°55	11° 1	12°13	14° 7	n.a.	F 21
S 22	17 21 46	19°27'21	16°50	29°53	17°33	6° 9	16°24	6°49	14°23	2°45	0°57	10°58	12°10	14°13	n.a.	S 22
S 23	17 25 43	20°24'40	29° 2	0♊59	18°47	5°55	16°34	6°45	14°23	2°47	0°58	10°52	12° 7	14°20	n.a.	S 23
M24	17 29 39	21°22'00	11♏ 4	2°10	20° 1	5°41	16°44	6°41	14°22	2°50	0°59	10°45	12° 3	14°27	n.a.	M24
T 25	17 33 36	22°19'21	23° 1	3°26	21°15	5°28	16°54	6°37	14°22	2°52	1° 1	10°36	12° 0	14°34	n.a.	T 25
W26	17 37 32	23°16'43	4♐54	4°48	22°29	5°16	17° 4	6°33	14°21	2°54	1° 2	10°27	11°57	14°40	n.a.	W26
T 27	17 41 29	24°14'05	16°45	6°14	23°43	5° 4	17°14	6°29	14°21	2°56	1° 4	10°19	11°54	14°47	n.a.	T 27
F 28	17 45 26	25°11'29	28°37	7°45	24°57	4°53	17°24	6°24	14°21	2°58	1° 5	10°12	11°51	14°54	n.a.	F 28
S 29	17 49 22	26° 8'55	10♑31	9°20	26°11	4°42	17°34	6°20	14°20	3° 1	1° 7	10° 6	11°48	15° 0	n.a.	S 29
S 30	17 53 19	27♊ 6'21	22♑28	11♊ 0	27♊25	4♐32	17♌44	6♐16	14♎20	3♋ 3	1♊ 8	10♒ 2	11♒44	15♐ 7	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	20n21	27s 5	3s17	15n54	4s 8	18n16	0s13	26s29	3s59	18n22	1n22	21s 6	0n58	5s24	0n33	23n37	0s11	17n52	2s45	17s26	17s 6	27s 3		n.a.	
S 2	20 33	25 32	2 25	15 39	4 15	18 38	0 11	26 31	4 4	18 19	1 22	21 5	0 58	5 23	0 33	23 37	0 11	17 53	2 45	17 28	17 7	27 3		n.a.	
M 3	20 45	22 49	1 27	15 27	4 20	18 59	0 8	26 34	4 8	18 17	1 22	21 5	0 57	5 23	0 33	23 37	0 11	17 53	2 45	17 29	17 8	27 4		n.a.	
T 4	20 57	19 5	0 24	15 16	4 24	19 19	0 6	26 36	4 12	18 15	1 22	21 4	0 57	5 22	0 33	23 37	0 11	17 54	2 45	17 29	17 9	27 4		n.a.	
W 5	21 8	14 28	0n42	15 7	4 26	19 39	0 4	26 37	4 16	18 12	1 21	21 4	0 57	5 22	0 33	23 37	0 11	17 54	2 45	17 29	17 10	27 5		n.a.	
T 6	21 19	9 8	1 47	15 1	4 26	19 59	0 1	26 39	4 20	18 10	1 21	21 3	0 57	5 21	0 33	23 37	0 11	17 54	2 45	17 29	17 11	27 5		n.a.	
F 7	21 30	3 17	2 48	14 57	4 25	20 18	0n 1	26 41	4 24	18 7	1 21	21 2	0 57	5 21	0 33	23 37	0 11	17 55	2 45	17 29	17 12	27 6		n.a.	
S 8	21 40	2n54	3 42	14 55	4 23	20 36	0 4	26 42	4 28	18 5	1 21	21 2	0 57	5 20	0 33	23 37	0 11	17 55	2 45	17 30	17 12	27 6		n.a.	
S 9	21 50	9 10	4 26	14 56	4 19	20 54	0 6	26 43	4 32	18 2	1 21	21 1	0 57	5 20	0 33	23 37	0 11	17 55	2 45	17 31	17 13	27 7		n.a.	
M10	22 0	15 9	4 54	14 59	4 14	21 11	0 8	26 44	4 36	17 59	1 21	21 0	0 57	5 20	0 33	23 37	0 11	17 56	2 45	17 33	17 14	27 7		n.a.	
T 11	22 9	20 27	5 4	15 5	4 7	21 28	0 11	26 45	4 39	17 57	1 20	21 0	0 57	5 19	0 33	23 37	0 11	17 56	2 45	17 35	17 15	27 8		n.a.	
W12	22 17	24 33	4 53	15 13	4 0	21 44	0 13	26 46	4 43	17 54	1 20	20 59	0 57	5 19	0 33	23 37	0 11	17 56	2 45	17 38	17 16	27 8		n.a.	
T 13	22 26	26 56	4 21	15 23	3 51	21 59	0 15	26 47	4 46	17 51	1 20	20 58	0 57	5 18	0 32	23 37	0 11	17 57	2 44	17 40	17 17	27 9		n.a.	
F 14	22 34	27 18	3 30	15 36	3 42	22 14	0 18	26 47	4 49	17 49	1 20	20 58	0 57	5 18	0 32	23 37	0 11	17 57	2 44	17 42	17 18	27 9		n.a.	
S 15	22 41	25 38	2 26	15 51	3 31	22 28	0 20	26 47	4 52	17 46	1 20	20 57	0 56	5 18	0 32	23 37	0 11	17 58	2 44	17 44	17 19	27 10		n.a.	
S 16	22 49	22 13	1 13	16 8	3 20	22 42	0 22	26 47	4 55	17 43	1 20	20 57	0 56	5 17	0 32	23 37	0 11	17 58	2 44	17 44	17 20	27 10		n.a.	
M17	22 56	17 32	0s 3	16 27	3 8	22 55	0 25	26 47	4 58	17 40	1 19	20 56	0 56	5 17	0 32	23 37	0 11	17 58	2 44	17 45	17 21	27 10		n.a.	
T 18	23 2	12 4	1 16	16 48	2 56	23 7	0 27	26 47	5 1	17 37	1 19	20 55	0 56	5 17	0 32	23 37	0 11	17 59	2 44	17 44	17 22	27 11		n.a.	
W19	23 8	6 12	2 23	17 11	2 43	23 18	0 29	26 47	5 3	17 34	1 19	20 55	0 56	5 17	0 32	23 37	0 11	17 59	2 44	17 44	17 22	27 11		n.a.	
T 20	23 14	0 15	3 21	17 35	2 30	23 29	0 31	26 46	5 5	17 31	1 19	20 54	0 56	5 16	0 32	23 37	0 11	17 59	2 44	17 44	17 23	27 11		n.a.	
F 21	23 19	5s33	4 7	18 1	2 16	23 40	0 33	26 46	5 7	17 28	1 19	20 53	0 56	5 16	0 32	23 37	0 11	18 0	2 44	17 45	17 24	27 12		n.a.	
S 22	23 24	11 1	4 40	18 27	2 2	23 49	0 36	26 45	5 9	17 25	1 19	20 53	0 56	5 16	0 32	23 37	0 11	18 0	2 44	17 45	17 25	27 12		n.a.	
S 23	23 28	15 58	5 0	18 55	1 48	23 58	0 38	26 44	5 11	17 22	1 18	20 52	0 56	5 16	0 32	23 37	0 11	18 0	2 44	17 47	17 26	27 13		n.a.	
M24	23 32	20 14	5 7	19 23	1 34	24 6	0 40	26 44	5 13	17 19	1 18	20 52	0 56	5 16	0 32	23 36	0 11	18 1	2 44	17 49	17 27	27 13		n.a.	
T 25	23 36	23 38	5 0	19 52	1 20	24 13	0 42	26 43	5 15	17 16	1 18	20 51	0 55	5 15	0 32	23 36	0 11	18 1	2 44	17 51	17 28	27 13		n.a.	
W26	23 39	26 2	4 40	20 21	1 6	24 20	0 44	26 42	5 16	17 12	1 18	20 50	0 55	5 15	0 32	23 36	0 11	18 1	2 44	17 54	17 29	27 14		n.a.	
T 27	23 42	27 15	4 8	20 50	0 52	24 26	0 46	26 41	5 17	17 9	1 18	20 50	0 55	5 15	0 32	23 36	0 11	18 2	2 44	17 56	17 30	27 14		n.a.	
F 28	23 44	27 14	3 25	21 19	0 38	24 31	0 48	26 40	5 18	17 6	1 18	20 49	0 55	5 15	0 32	23 36	0 11	18 2	2 44	17 58	17 31	27 14		n.a.	
S 29	23 46	25 56	2 33	21 48	0 25	24 36	0 50	26 39	5 19	17 3	1 18	20 49	0 55	5 15	0 32	23 36	0 11	18 2	2 44	18 0	17 31	27 15		n.a.	
S 30	23n47	23s27	1s34	22n15	0s12	24n39	0n52	26s37	5s20	16n59	1n18	20s48	0n55	5s15	0n32	23n36	0s11	18n 3	2s44	18s 1	17s32	27s15		n.a.	

Julian Day Number = 1339888.5, Delta T = 07h16m43s
Ecliptic obliquity = 23°49'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'45, Lahiri = -18°22'45 Julian Calendar 1 June 1045 BCE == Greg. Calendar 22 May 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

JULY 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 57 15	28♊ 3'49	4♒31	12♊43	28♊39	4°R23	17♌54	6°R12	14°R20	3♋ 5	1♊ 9	10°D 1	11♒41	15♐14	n.a.	M 1
T 2	18 1 12	29° 1'18	16°43	14°29	29°53	4♐14	18° 5	6♐ 9	14♎20	3° 7	1°11	10♒ 1	11°38	15°20	n.a.	T 2
W 3	18 5 8	29°58'48	29° 8	16°19	1♋ 7	4° 6	18°15	6° 5	14°D20	3° 9	1°12	10° 2	11°35	15°27	n.a.	W 3
T 4	18 9 5	0♋56'21	11♓48	18°12	2°22	3°59	18°26	6° 1	14°20	3°12	1°13	10° 3	11°32	15°34	n.a.	T 4
F 5	18 13 1	1°53'54	24°47	20° 7	3°36	3°53	18°37	5°57	14°20	3°14	1°15	10° 5	11°29	15°41	n.a.	F 5
S 6	18 16 58	2°51'30	8♈ 8	22° 4	4°50	3°47	18°47	5°53	14°20	3°16	1°16	10°R 5	11°25	15°47	n.a.	S 6
S 7	18 20 55	3°49'07	21°55	24° 3	6° 4	3°42	18°58	5°50	14°20	3°18	1°17	10° 3	11°22	15°54	n.a.	S 7
M 8	18 24 51	4°46'45	6♉ 7	26° 3	7°19	3°38	19° 9	5°46	14°21	3°21	1°19	10° 0	11°19	16° 1	n.a.	M 8
T 9	18 28 48	5°44'26	20°44	28° 3	8°33	3°35	19°20	5°43	14°21	3°23	1°20	9°56	11°16	16° 7	n.a.	T 9
W10	18 32 44	6°42'09	5♊39	0♋ 5	9°47	3°32	19°31	5°39	14°21	3°25	1°21	9°52	11°13	16°14	n.a.	W10
T 11	18 36 41	7°39'53	20°46	2° 7	11° 1	3°30	19°42	5°36	14°22	3°27	1°23	9°47	11° 9	16°21	n.a.	T 11
F 12	18 40 37	8°37'39	5♋55	4° 8	12°16	3°29	19°53	5°32	14°22	3°29	1°24	9°43	11° 6	16°27	n.a.	F 12
S 13	18 44 34	9°35'26	20°57	6°10	13°30	3°D29	20° 5	5°29	14°23	3°32	1°25	9°41	11° 3	16°34	n.a.	S 13
S 14	18 48 30	10°33'15	5♌43	8°11	14°45	3°30	20°16	5°26	14°23	3°34	1°26	9°D40	11° 0	16°41	n.a.	S 14
M15	18 52 27	11°31'05	20° 6	10°12	15°59	3°32	20°27	5°23	14°24	3°36	1°28	9°40	10°57	16°48	n.a.	M15
T 16	18 56 24	12°28'56	4♍ 3	12°11	17°13	3°34	20°39	5°20	14°24	3°38	1°29	9°41	10°54	16°54	n.a.	T 16
W17	19 0 20	13°26'49	17°33	14°10	18°28	3°37	20°50	5°17	14°25	3°41	1°30	9°43	10°50	17° 1	n.a.	W17
T 18	19 4 17	14°24'44	0♎38	16° 8	19°42	3°41	21° 2	5°14	14°26	3°43	1°31	9°44	10°47	17° 8	n.a.	T 18
F 19	19 8 13	15°22'40	13°20	18° 5	20°57	3°46	21°14	5°11	14°27	3°45	1°32	9°R45	10°44	17°14	n.a.	F 19
S 20	19 12 10	16°20'37	25°44	20° 1	22°11	3°52	21°25	5° 8	14°27	3°47	1°34	9°44	10°41	17°21	n.a.	S 20
S 21	19 16 6	17°18'36	7♏54	21°55	23°25	3°58	21°37	5° 5	14°28	3°49	1°35	9°43	10°38	17°28	n.a.	S 21
M22	19 20 3	18°16'36	19°53	23°48	24°40	4° 6	21°49	5° 3	14°29	3°51	1°36	9°41	10°35	17°34	n.a.	M22
T 23	19 23 59	19°14'38	1♐47	25°40	25°54	4°14	22° 1	5° 0	14°30	3°54	1°37	9°38	10°31	17°41	n.a.	T 23
W24	19 27 56	20°12'41	13°38	27°31	27° 9	4°22	22°13	4°58	14°31	3°56	1°38	9°35	10°28	17°48	n.a.	W24
T 25	19 31 53	21°10'47	25°30	29°21	28°23	4°32	22°25	4°55	14°33	3°58	1°39	9°32	10°25	17°55	n.a.	T 25
F 26	19 35 49	22° 8'54	7♑24	1♌ 9	29°38	4°42	22°37	4°53	14°34	4° 0	1°40	9°29	10°22	18° 1	n.a.	F 26
S 27	19 39 46	23° 7'02	19°24	2°56	0♌52	4°53	22°49	4°51	14°35	4° 2	1°41	9°27	10°19	18° 8	n.a.	S 27
S 28	19 43 42	24° 5'13	1♒31	4°42	2° 7	5° 5	23° 1	4°49	14°36	4° 4	1°42	9°26	10°15	18°15	n.a.	S 28
M29	19 47 39	25° 3'25	13°47	6°27	3°22	5°17	23°13	4°47	14°37	4° 6	1°43	9°D26	10°12	18°21	n.a.	M29
T 30	19 51 35	26° 1'40	26°13	8°10	4°36	5°31	23°25	4°45	14°39	4° 9	1°44	9°27	10° 9	18°28	n.a.	T 30
W31	19 55 32	26♋59'56	8♓51	9♌52	5♌51	5♐44	23♌38	4♐43	14♎40	4♋11	1♊45	9♒28	10♒ 6	18♐35	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23n48	19s55	0s30	22n42	0n 1	24n42	0n54	26s36	5s21	16n56	1n17	20s47	0n55	5s15	0n32	23n36	0s11	18n 3	2s44	18s 1		17s33		27s15			n.a.
T 2	23 49	15 30	0n36	23 7	0 13	24 45	0 55	26 35	5 21	16 53	1 17	20 47	0 55	5 15	0 32	23 36	0 11	18 3	2 44	18 1		17 34		27 15			n.a.
W 3	23 49	10 22	1 42	23 31	0 24	24 46	0 57	26 34	5 22	16 49	1 17	20 46	0 54	5 15	0 32	23 36	0 11	18 3	2 44	18 1		17 35		27 16			n.a.
T 4	23 49	4 44	2 44	23 52	0 35	24 47	0 59	26 33	5 22	16 46	1 17	20 46	0 54	5 15	0 32	23 36	0 11	18 4	2 44	18 0		17 36		27 16			n.a.
F 5	23 48	1n15	3 40	24 12	0 45	24 47	1 1	26 32	5 22	16 42	1 17	20 45	0 54	5 15	0 32	23 36	0 11	18 4	2 44	18 0		17 37		27 16			n.a.
S 6	23 47	7 19	4 25	24 29	0 55	24 46	1 2	26 31	5 22	16 39	1 17	20 45	0 54	5 15	0 32	23 36	0 11	18 4	2 44	18 0		17 38		27 16			n.a.
S 7	23 46	13 14	4 56	24 44	1 3	24 45	1 4	26 30	5 22	16 35	1 17	20 44	0 54	5 15	0 32	23 36	0 11	18 5	2 44	18 0		17 39		27 17			n.a.
M 8	23 44	18 39	5 11	24 57	1 11	24 42	1 5	26 29	5 22	16 32	1 17	20 44	0 54	5 15	0 32	23 36	0 11	18 5	2 44	18 1		17 40		27 17			n.a.
T 9	23 42	23 8	5 6	25 7	1 18	24 39	1 7	26 28	5 22	16 28	1 16	20 43	0 54	5 16	0 32	23 36	0 11	18 5	2 44	18 2		17 40		27 17			n.a.
W10	23 39	26 12	4 41	25 14	1 25	24 35	1 8	26 27	5 21	16 24	1 16	20 43	0 54	5 16	0 32	23 36	0 11	18 5	2 44	18 4		17 41		27 17			n.a.
T 11	23 36	27 25	3 56	25 18	1 30	24 31	1 10	26 26	5 21	16 21	1 16	20 42	0 53	5 16	0 31	23 36	0 11	18 6	2 44	18 5		17 42		27 18			n.a.
F 12	23 32	26 35	2 54	25 20	1 35	24 25	1 11	26 25	5 20	16 17	1 16	20 42	0 53	5 16	0 31	23 36	0 11	18 6	2 44	18 6		17 43		27 18			n.a.
S 13	23 28	23 49	1 41	25 19	1 39	24 19	1 12	26 24	5 19	16 13	1 16	20 41	0 53	5 16	0 31	23 36	0 11	18 6	2 44	18 7		17 44		27 18			n.a.
S 14	23 24	19 30	0 22	25 16	1 42	24 13	1 14	26 24	5 18	16 10	1 16	20 41	0 53	5 17	0 31	23 36	0 11	18 7	2 44	18 7		17 45		27 18			n.a.
M15	23 19	14 7	0s57	25 10	1 45	24 5	1 15	26 23	5 18	16 6	1 16	20 40	0 53	5 17	0 31	23 36	0 11	18 7	2 43	18 7		17 46		27 18			n.a.
T 16	23 13	8 10	2 10	25 1	1 46	23 57	1 16	26 22	5 17	16 2	1 16	20 40	0 53	5 17	0 31	23 36	0 11	18 7	2 43	18 6		17 47		27 19			n.a.
W17	23 8	2 2	3 13	24 50	1 47	23 48	1 17	26 22	5 15	15 58	1 16	20 40	0 53	5 18	0 31	23 35	0 11	18 7	2 43	18 6		17 47		27 19			n.a.
T 18	23 2	3s59	4 4	24 37	1 48	23 38	1 18	26 22	5 14	15 54	1 16	20 39	0 52	5 18	0 31	23 35	0 11	18 8	2 43	18 6		17 48		27 19			n.a.
F 19	22 55	9 39	4 42	24 21	1 48	23 28	1 19	26 22	5 13	15 50	1 15	20 39	0 52	5 18	0 31	23 35	0 11	18 8	2 43	18 6		17 49		27 19			n.a.
S 20	22 48	14 49	5 5	24 4	1 47	23 16	1 20	26 21	5 12	15 46	1 15	20 39	0 52	5 19	0 31	23 35	0 11	18 8	2 43	18 6		17 50		27 19			n.a.
S 21	22 41	19 18	5 14	23 44	1 46	23 5	1 21	26 21	5 10	15 42	1 15	20 38	0 52	5 19	0 31	23 35	0 11	18 8	2 43	18 6		17 51		27 19			n.a.
M22	22 33	22 57	5 10	23 23	1 44	22 52	1 21	26 21	5 9	15 39	1 15	20 38	0 52	5 19	0 31	23 35	0 11	18 9	2 43	18 7		17 52		27 19			n.a.
T 23	22 25	25 36	4 51	23 0	1 41	22 39	1 22	26 21	5 8	15 35	1 15	20 38	0 52	5 20	0 31	23 35	0 11	18 9	2 43	18 7		17 53		27 20			n.a.
W24	22 16	27 7	4 21	22 36	1 39	22 25	1 23	26 22	5 6	15 31	1 15	20 37	0 52	5 20	0 31	23 35	0 11	18 9	2 43	18 8		17 54		27 20			n.a.
T 25	22 7	27 24	3 39	22 10	1 35	22 10	1 23	26 22	5 4	15 26	1 15	20 37	0 51	5 21	0 31	23 35	0 11	18 9	2 43	18 9		17 54		27 20			n.a.
F 26	21 58	26 24	2 48	21 43	1 32	21 55	1 24	26 22	5 3	15 22	1 15	20 37	0 51	5 21	0 31	23 35	0 11	18 9	2 43	18 10		17 55		27 20			n.a.
S 27	21 48	24 11	1 48	21 14	1 28	21 39	1 24	26 23	5 1	15 18	1 15	20 36	0 51	5 22	0 31	23 35	0 11	18 10	2 43	18 10		17 56		27 20			n.a.
S 28	21 38	20 51	0 44	20 44	1 23	21 23	1 25	26 23	4 59	15 14	1 15	20 36	0 51	5 22	0 31	23 35	0 11	18 10	2 43	18 10		17 57		27 20			n.a.
M29	21 28	16 34	0n24	20 13	1 19	21 5	1 25	26 24	4 58	15 10	1 15	20 36	0 51	5 23	0 31	23 35	0 11	18 10	2 43	18 11		17 58		27 20			n.a.
T 30	21 17	11 33	1 32	19 42	1 13	20 48	1 25	26 25	4 56	15 6	1 15	20 36	0 51	5 23	0 31	23 35	0 11	18 10	2 43	18 10		17 59		27 20			n.a.
W31	21n 6	5s59	2n36	19n 9	1n 8	20n29	1n25	26s25	4s54	15n 2	1n15	20s36	0n50	5s24	0n31	23n35	0s11	18n11	2s43	18s10		18s 0		27s20			n.a.

Julian Day Number = 1339918.5, Delta T = 07h16m41s
Ecliptic obliquity = 23°49'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'41, Lahiri = -18°22'41 Julian Calendar 1 July 1045 BCE == Greg. Calendar 21 June 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

AUGUST 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 28	27♋58'15	21♓43	11♌33	7♌ 5	5♐59	23♌50	4°R41	14♎42	4♋13	1♊46	9♒29	10♒ 3	18♐41	n.a.	T 1
F 2	20 3 25	28°56'36	4♈50	13°13	8°20	6°14	24° 2	4♐39	14°43	4°15	1°47	9°30	10° 0	18°48	n.a.	F 2
S 3	20 7 22	29°54'59	18°15	14°52	9°34	6°30	24°15	4°38	14°45	4°17	1°48	9°30	9°56	18°55	n.a.	S 3
S 4	20 11 18	0♌53'24	1♉59	16°30	10°49	6°46	24°27	4°36	14°46	4°19	1°49	9°R31	9°53	19° 1	n.a.	S 4
M 5	20 15 15	1°51'52	16° 1	18° 6	12° 4	7° 3	24°40	4°35	14°48	4°21	1°50	9°30	9°50	19° 8	n.a.	M 5
T 6	20 19 11	2°50'22	0♊21	19°41	13°18	7°21	24°52	4°34	14°50	4°23	1°50	9°30	9°47	19°15	n.a.	T 6
W 7	20 23 8	3°48'55	14°56	21°16	14°33	7°39	25° 5	4°32	14°51	4°25	1°51	9°29	9°44	19°22	n.a.	W 7
T 8	20 27 4	4°47'30	29°41	22°49	15°48	7°58	25°17	4°31	14°53	4°27	1°52	9°29	9°41	19°28	n.a.	T 8
F 9	20 31 1	5°46'07	14♋30	24°21	17° 2	8°17	25°30	4°30	14°55	4°29	1°53	9°28	9°37	19°35	n.a.	F 9
S 10	20 34 57	6°44'46	29°16	25°52	18°17	8°37	25°43	4°29	14°57	4°31	1°54	9°28	9°34	19°42	n.a.	S 10
S 11	20 38 54	7°43'28	13♌52	27°22	19°32	8°58	25°56	4°28	14°59	4°33	1°54	9°D28	9°31	19°48	n.a.	S 11
M12	20 42 51	8°42'11	28°10	28°51	20°46	9°19	26° 8	4°28	15° 1	4°35	1°55	9°28	9°28	19°55	n.a.	M12
T 13	20 46 47	9°40'56	12♍ 8	0♍19	22° 1	9°41	26°21	4°27	15° 3	4°37	1°56	9°R28	9°25	20° 2	n.a.	T 13
W14	20 50 44	10°39'44	25°41	1°45	23°16	10° 3	26°34	4°26	15° 5	4°39	1°57	9°28	9°21	20° 8	n.a.	W14
T 15	20 54 40	11°38'33	8♎50	3°11	24°30	10°25	26°47	4°26	15° 7	4°40	1°57	9°28	9°18	20°15	n.a.	T 15
F 16	20 58 37	12°37'24	21°37	4°35	25°45	10°49	26°59	4°26	15° 9	4°42	1°58	9°28	9°15	20°22	n.a.	F 16
S 17	21 2 33	13°36'17	4♏ 4	5°58	27° 0	11°12	27°12	4°25	15°11	4°44	1°58	9°27	9°12	20°28	n.a.	S 17
S 18	21 6 30	14°35'12	16°15	7°20	28°15	11°36	27°25	4°25	15°14	4°46	1°59	9°D27	9° 9	20°35	n.a.	S 18
M19	21 10 26	15°34'09	28°14	8°41	29°29	12° 1	27°38	4°D25	15°16	4°48	2° 0	9°27	9° 6	20°42	n.a.	M19
T 20	21 14 23	16°33'07	10♐ 7	10° 0	0♍44	12°26	27°51	4°25	15°18	4°50	2° 0	9°28	9° 2	20°49	n.a.	T 20
W21	21 18 19	17°32'08	21°58	11°18	1°59	12°52	28° 4	4°25	15°21	4°51	2° 1	9°29	8°59	20°55	n.a.	W21
T 22	21 22 16	18°31'11	3♑51	12°35	3°13	13°17	28°17	4°26	15°23	4°53	2° 1	9°30	8°56	21° 2	n.a.	T 22
F 23	21 26 13	19°30'16	15°50	13°50	4°28	13°44	28°30	4°26	15°26	4°55	2° 2	9°31	8°53	21° 9	n.a.	F 23
S 24	21 30 9	20°29'22	27°57	15° 4	5°43	14°11	28°43	4°26	15°28	4°56	2° 2	9°31	8°50	21°15	n.a.	S 24
S 25	21 34 6	21°28'31	10♒15	16°16	6°57	14°38	28°56	4°27	15°31	4°58	2° 3	9°R31	8°47	21°22	n.a.	S 25
M26	21 38 2	22°27'42	22°47	17°26	8°12	15° 5	29° 9	4°28	15°33	5° 0	2° 3	9°31	8°43	21°29	n.a.	M26
T 27	21 41 59	23°26'55	5♓32	18°35	9°27	15°33	29°22	4°28	15°36	5° 1	2° 3	9°30	8°40	21°35	n.a.	T 27
W28	21 45 55	24°26'10	18°32	19°41	10°41	16° 1	29°35	4°29	15°38	5° 3	2° 4	9°28	8°37	21°42	n.a.	W28
T 29	21 49 52	25°25'28	1♈45	20°45	11°56	16°30	29°48	4°30	15°41	5° 4	2° 4	9°26	8°34	21°49	n.a.	T 29
F 30	21 53 48	26°24'47	15°12	21°47	13°11	16°59	0♍ 1	4°31	15°44	5° 6	2° 5	9°24	8°31	21°55	n.a.	F 30
S 31	21 57 45	27♌24'10	28♈51	22♍46	14♍26	17♐28	0♍14	4♐32	15♎47	5♋ 8	2♊ 5	9♒22	8♒27	22♐ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20n54	0s 5	3n33	18n35	1n 2	20n10	1n26	26s26	4s52	14n57	1n15	20s35	0n50	5s25	0n31	23n35	0s11	18n11	2s43	18s10	18s 1	27s20			n.a.
F 2	20 42	5n56	4 21	18 1	0 57	19 51	1 26	26 27	4 50	14 53	1 14	20 35	0 50	5 25	0 31	23 35	0 10	18 11	2 43	18 10	18 1	27 20			n.a.
S 3	20 29	11 48	4 56	17 26	0 50	19 31	1 26	26 28	4 48	14 49	1 14	20 35	0 50	5 26	0 31	23 35	0 10	18 11	2 43	18 9	18 2	27 20			n.a.
S 4	20 17	17 15	5 14	16 51	0 44	19 10	1 26	26 29	4 46	14 45	1 14	20 35	0 50	5 26	0 31	23 35	0 10	18 11	2 43	18 9	18 3	27 20			n.a.
M 5	20 4	21 54	5 15	16 15	0 38	18 49	1 26	26 30	4 44	14 40	1 14	20 35	0 50	5 27	0 31	23 34	0 10	18 11	2 43	18 9	18 4	27 20			n.a.
T 6	19 50	25 22	4 56	15 38	0 31	18 27	1 25	26 31	4 42	14 36	1 14	20 35	0 50	5 28	0 31	23 34	0 10	18 12	2 43	18 10	18 5	27 20			n.a.
W 7	19 36	27 14	4 19	15 1	0 24	18 5	1 25	26 32	4 40	14 32	1 14	20 35	0 49	5 29	0 31	23 34	0 10	18 12	2 43	18 10	18 6	27 20			n.a.
T 8	19 22	27 13	3 23	14 24	0 17	17 42	1 25	26 33	4 38	14 27	1 14	20 35	0 49	5 29	0 31	23 34	0 10	18 12	2 43	18 10	18 7	27 20			n.a.
F 9	19 8	25 14	2 14	13 46	0 10	17 19	1 24	26 35	4 36	14 23	1 14	20 35	0 49	5 30	0 30	23 34	0 10	18 12	2 43	18 10	18 8	27 20			n.a.
S 10	18 53	21 33	0 56	13 8	0 2	16 55	1 24	26 36	4 34	14 19	1 14	20 35	0 49	5 31	0 30	23 34	0 10	18 12	2 43	18 10	18 8	27 20			n.a.
S 11	18 38	16 33	0s24	12 30	0s 5	16 31	1 23	26 37	4 32	14 14	1 14	20 35	0 49	5 32	0 30	23 34	0 10	18 12	2 43	18 10	18 9	27 20			n.a.
M12	18 22	10 42	1 42	11 52	0 13	16 6	1 23	26 38	4 30	14 10	1 14	20 35	0 49	5 32	0 30	23 34	0 10	18 13	2 43	18 10	18 10	27 20			n.a.
T 13	18 7	4 29	2 52	11 13	0 20	15 41	1 22	26 40	4 27	14 5	1 14	20 35	0 48	5 33	0 30	23 34	0 10	18 13	2 43	18 10	18 11	27 20			n.a.
W14	17 50	1s45	3 49	10 35	0 28	15 16	1 21	26 41	4 25	14 1	1 14	20 35	0 48	5 34	0 30	23 34	0 10	18 13	2 43	18 10	18 12	27 20			n.a.
T 15	17 34	7 44	4 33	9 57	0 36	14 50	1 21	26 42	4 23	13 56	1 14	20 35	0 48	5 35	0 30	23 34	0 10	18 13	2 43	18 10	18 13	27 20			n.a.
F 16	17 17	13 12	5 2	9 18	0 44	14 23	1 20	26 44	4 21	13 52	1 14	20 35	0 48	5 36	0 30	23 34	0 10	18 13	2 43	18 10	18 14	27 20			n.a.
S 17	17 0	18 1	5 16	8 40	0 52	13 56	1 19	26 45	4 19	13 47	1 14	20 35	0 48	5 37	0 30	23 34	0 10	18 13	2 43	18 10	18 14	27 20			n.a.
S 18	16 43	21 58	5 15	8 2	1 0	13 29	1 18	26 46	4 17	13 43	1 14	20 35	0 48	5 38	0 30	23 34	0 10	18 13	2 43	18 10	18 15	27 20			n.a.
M19	16 25	24 57	5 0	7 24	1 8	13 2	1 17	26 47	4 14	13 38	1 14	20 35	0 47	5 39	0 30	23 34	0 10	18 13	2 43	18 10	18 16	27 20			n.a.
T 20	16 8	26 49	4 33	6 47	1 15	12 34	1 16	26 49	4 12	13 34	1 14	20 35	0 47	5 39	0 30	23 34	0 10	18 14	2 43	18 10	18 17	27 20			n.a.
W21	15 49	27 28	3 54	6 9	1 23	12 6	1 15	26 50	4 10	13 29	1 14	20 36	0 47	5 40	0 30	23 34	0 10	18 14	2 43	18 10	18 18	27 20			n.a.
T 22	15 31	26 51	3 5	5 32	1 31	11 37	1 13	26 51	4 8	13 25	1 14	20 36	0 47	5 41	0 30	23 33	0 10	18 14	2 43	18 10	18 19	27 20			n.a.
F 23	15 12	24 59	2 8	4 56	1 39	11 9	1 12	26 52	4 6	13 20	1 14	20 36	0 47	5 42	0 30	23 33	0 10	18 14	2 43	18 9	18 19	27 19			n.a.
S 24	14 53	21 57	1 4	4 20	1 47	10 39	1 11	26 53	4 3	13 15	1 14	20 36	0 47	5 43	0 30	23 33	0 10	18 14	2 43	18 9	18 20	27 19			n.a.
S 25	14 34	17 53	0n 4	3 45	1 54	10 10	1 9	26 55	4 1	13 11	1 14	20 36	0 47	5 44	0 30	23 33	0 10	18 14	2 43	18 9	18 21	27 19			n.a.
M26	14 15	13 0	1 13	3 10	2 2	9 40	1 8	26 56	3 59	13 6	1 14	20 37	0 46	5 45	0 30	23 33	0 10	18 14	2 43	18 9	18 22	27 19			n.a.
T 27	13 55	7 29	2 19	2 37	2 9	9 11	1 6	26 57	3 57	13 1	1 14	20 37	0 46	5 46	0 30	23 33	0 10	18 14	2 43	18 10	18 23	27 19			n.a.
W28	13 35	1 34	3 19	2 4	2 17	8 40	1 5	26 58	3 54	12 57	1 14	20 37	0 46	5 48	0 30	23 33	0 10	18 14	2 43	18 10	18 24	27 19			n.a.
T 29	13 15	4n31	4 10	1 31	2 24	8 10	1 3	26 58	3 52	12 52	1 14	20 38	0 46	5 49	0 30	23 33	0 10	18 14	2 43	18 11	18 25	27 19			n.a.
F 30	12 55	10 29	4 48	1 1	2 31	7 39	1 2	26 59	3 50	12 47	1 14	20 38	0 46	5 50	0 30	23 33	0 10	18 14	2 43	18 11	18 25	27 18			n.a.
S 31	12n34	16n 3	5n10	0n31	2s37	7n 9	1n 0	27s 0	3s48	12n43	1n14	20s38	0n46	5s51	0n30	23n33	0s10	18n14	2s43	18s12	18s26	27s18			n.a.

Julian Day Number = 1339949.5, Delta T = 07h16m40s
Ecliptic obliquity = 23°49'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'37, Lahiri = -18°22'37 Julian Calendar 1 Aug. 1045 BCE == Greg. Calendar 22 July 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

SEPTEMBER 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 1 41	28♌23'34	12♉41	23♍43	15♍40	17♐58	0♍27	4♐33	15♎49	5♋ 9	2♊ 5	9°R20	8♒24	22♐ 9	n.a.	S 1
M 2	22 5 38	29°23'02	26°41	24°36	16°55	18°28	0°40	4°35	15°52	5°11	2° 5	9°D20	8°21	22°15	n.a.	M 2
T 3	22 9 35	0♍22'32	10♊50	25°26	18°10	18°58	0°54	4°36	15°55	5°12	2° 6	9♒20	8°18	22°22	n.a.	T 3
W 4	22 13 31	1°22'04	25° 7	26°13	19°24	19°29	1° 7	4°38	15°58	5°13	2° 6	9°21	8°15	22°29	n.a.	W 4
T 5	22 17 28	2°21'39	9♋27	26°56	20°39	20° 0	1°20	4°39	16° 1	5°15	2° 6	9°22	8°12	22°36	n.a.	T 5
F 6	22 21 24	3°21'16	23°49	27°34	21°54	20°31	1°33	4°41	16° 4	5°16	2° 6	9°24	8° 8	22°42	n.a.	F 6
S 7	22 25 21	4°20'56	8♌ 9	28° 8	23° 8	21° 2	1°46	4°43	16° 7	5°18	2° 6	9°R24	8° 5	22°49	n.a.	S 7
S 8	22 29 17	5°20'38	22°21	28°36	24°23	21°34	1°59	4°45	16°10	5°19	2° 6	9°24	8° 2	22°56	n.a.	S 8
M 9	22 33 14	6°20'22	6♍23	28°59	25°38	22° 6	2°12	4°47	16°13	5°20	2° 6	9°22	7°59	23° 2	n.a.	M 9
T 10	22 37 10	7°20'08	20° 9	29°15	26°52	22°38	2°25	4°49	16°16	5°21	2° 7	9°18	7°56	23° 9	n.a.	T 10
W11	22 41 7	8°19'56	3♎36	29°25	28° 7	23°11	2°38	4°51	16°19	5°23	2° 7	9°14	7°53	23°16	n.a.	W11
T 12	22 45 4	9°19'46	16°44	29°R27	29°22	23°44	2°51	4°53	16°22	5°24	2°R 7	9° 9	7°49	23°22	n.a.	T 12
F 13	22 49 0	10°19'38	29°31	29°22	0♎36	24°17	3° 4	4°56	16°25	5°25	2° 7	9° 4	7°46	23°29	n.a.	F 13
S 14	22 52 57	11°19'32	11♏59	29° 8	1°51	24°50	3°18	4°58	16°29	5°26	2° 6	9° 0	7°43	23°36	n.a.	S 14
S 15	22 56 53	12°19'28	24°11	28°46	3° 6	25°24	3°31	5° 1	16°32	5°27	2° 6	8°57	7°40	23°42	n.a.	S 15
M16	23 0 50	13°19'26	6♐11	28°14	4°20	25°57	3°44	5° 4	16°35	5°28	2° 6	8°55	7°37	23°49	n.a.	M16
T 17	23 4 46	14°19'25	18° 4	27°34	5°35	26°32	3°57	5° 6	16°38	5°29	2° 6	8°D55	7°33	23°56	n.a.	T 17
W18	23 8 43	15°19'27	29°54	26°45	6°49	27° 6	4°10	5° 9	16°42	5°30	2° 6	8°56	7°30	24° 2	n.a.	W18
T 19	23 12 39	16°19'30	11♑47	25°47	8° 4	27°40	4°23	5°12	16°45	5°31	2° 6	8°57	7°27	24° 9	n.a.	T 19
F 20	23 16 36	17°19'35	23°47	24°42	9°19	28°15	4°36	5°15	16°48	5°32	2° 6	8°59	7°24	24°16	n.a.	F 20
S 21	23 20 32	18°19'41	6♒ 0	23°32	10°33	28°50	4°48	5°18	16°52	5°33	2° 6	9°R 0	7°21	24°22	n.a.	S 21
S 22	23 24 29	19°19'50	18°27	22°17	11°48	29°25	5° 1	5°21	16°55	5°34	2° 5	9° 0	7°18	24°29	n.a.	S 22
M23	23 28 26	20°20'00	1♓13	20°59	13° 2	29°59	5°14	5°25	16°58	5°35	2° 5	8°57	7°14	24°36	n.a.	M23
T 24	23 32 22	21°20'12	14°18	19°42	14°17	0♑35	5°27	5°28	17° 2	5°36	2° 5	8°53	7°11	24°43	n.a.	T 24
W25	23 36 19	22°20'26	27°42	18°27	15°31	1°11	5°40	5°32	17° 5	5°37	2° 5	8°47	7° 8	24°49	n.a.	W25
T 26	23 40 15	23°20'42	11♈22	17°17	16°46	1°47	5°53	5°35	17° 9	5°37	2° 4	8°40	7° 5	24°56	n.a.	T 26
F 27	23 44 12	24°21'00	25°16	16°15	18° 0	2°23	6° 6	5°39	17°12	5°38	2° 4	8°32	7° 2	25° 3	n.a.	F 27
S 28	23 48 8	25°21'20	9♉20	15°21	19°15	2°59	6°18	5°43	17°16	5°39	2° 3	8°24	6°58	25° 9	n.a.	S 28
S 29	23 52 5	26°21'42	23°29	14°37	20°29	3°35	6°31	5°46	17°19	5°40	2° 3	8°19	6°55	25°16	n.a.	S 29
M30	23 56 1	27♍22'06	7♊40	14♍ 4	21♎44	4♑11	6♍44	5♐50	17♎23	5♋40	2♊ 3	8♒15	6♒52	25♐23	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n13	20n52	5n15	0n 2	2s44	6n38	0n58	27s 1	3s46	12n38	1n14	20s39	0n45	5s52	0n30	23n33	0s10	18n14	2s43	18s12	18s27	27s18		n.a.
M 2	11 52	24 36	5 1	0s25	2 50	6 6	0 56	27 1	3 43	12 33	1 14	20 39	0 45	5 53	0 30	23 33	0 10	18 14	2 43	18 12	18 28	27 18		n.a.
T 3	11 31	26 52	4 29	0 50	2 55	5 35	0 54	27 2	3 41	12 29	1 14	20 40	0 45	5 54	0 30	23 33	0 10	18 15	2 43	18 12	18 29	27 18		n.a.
W 4	11 10	27 24	3 40	1 14	3 1	5 4	0 52	27 2	3 39	12 24	1 14	20 40	0 45	5 55	0 30	23 33	0 10	18 15	2 43	18 12	18 30	27 17		n.a.
T 5	10 48	26 6	2 37	1 35	3 5	4 32	0 50	27 2	3 37	12 19	1 14	20 40	0 45	5 56	0 30	23 33	0 10	18 15	2 43	18 12	18 30	27 17		n.a.
F 6	10 26	23 4	1 25	1 55	3 10	4 0	0 48	27 3	3 35	12 15	1 14	20 41	0 45	5 58	0 30	23 33	0 10	18 15	2 43	18 11	18 31	27 17		n.a.
S 7	10 4	18 38	0 7	2 11	3 13	3 28	0 46	27 3	3 32	12 10	1 14	20 41	0 44	5 59	0 30	23 33	0 10	18 15	2 43	18 11	18 32	27 17		n.a.
S 8	9 42	13 10	1s11	2 25	3 16	2 56	0 44	27 3	3 30	12 5	1 14	20 42	0 44	6 0	0 30	23 33	0 10	18 15	2 43	18 11	18 33	27 16		n.a.
M 9	9 20	7 6	2 23	2 36	3 18	2 24	0 42	27 3	3 28	12 0	1 14	20 42	0 44	6 1	0 30	23 33	0 10	18 15	2 44	18 12	18 34	27 16		n.a.
T 10	8 57	0 50	3 25	2 44	3 19	1 52	0 40	27 2	3 26	11 56	1 14	20 43	0 44	6 2	0 30	23 33	0 10	18 15	2 44	18 13	18 35	27 16		n.a.
W11	8 35	5s20	4 14	2 48	3 19	1 20	0 38	27 2	3 24	11 51	1 14	20 44	0 44	6 4	0 30	23 32	0 10	18 15	2 44	18 14	18 35	27 16		n.a.
T 12	8 12	11 6	4 49	2 48	3 18	0 48	0 35	27 2	3 22	11 46	1 14	20 44	0 44	6 5	0 30	23 32	0 10	18 15	2 44	18 15	18 36	27 15		n.a.
F 13	7 49	16 15	5 8	2 44	3 16	0 16	0 33	27 1	3 20	11 41	1 14	20 45	0 44	6 6	0 30	23 32	0 10	18 15	2 44	18 17	18 37	27 15		n.a.
S 14	7 26	20 36	5 12	2 35	3 12	0s17	0 31	27 0	3 17	11 36	1 14	20 45	0 43	6 7	0 30	23 32	0 10	18 15	2 44	18 18	18 38	27 15		n.a.
S 15	7 3	23 58	5 1	2 21	3 7	0 49	0 28	27 0	3 15	11 32	1 14	20 46	0 43	6 9	0 29	23 32	0 10	18 15	2 44	18 18	18 39	27 14		n.a.
M16	6 39	26 14	4 38	2 2	3 0	1 21	0 26	26 59	3 13	11 27	1 14	20 47	0 43	6 10	0 29	23 32	0 10	18 15	2 44	18 19	18 40	27 14		n.a.
T 17	6 16	27 18	4 2	1 37	2 51	1 54	0 23	26 57	3 11	11 22	1 14	20 47	0 43	6 11	0 29	23 32	0 10	18 15	2 44	18 19	18 40	27 14		n.a.
W18	5 52	27 6	3 17	1 8	2 40	2 26	0 21	26 56	3 9	11 17	1 14	20 48	0 43	6 13	0 29	23 32	0 10	18 15	2 44	18 19	18 41	27 14		n.a.
T 19	5 29	25 40	2 23	0 33	2 28	2 58	0 18	26 55	3 7	11 13	1 14	20 49	0 43	6 14	0 29	23 32	0 10	18 14	2 44	18 18	18 42	27 13		n.a.
F 20	5 5	23 2	1 22	0n 6	2 13	3 30	0 16	26 53	3 5	11 8	1 14	20 49	0 43	6 15	0 29	23 32	0 10	18 14	2 44	18 18	18 43	27 13		n.a.
S 21	4 41	19 20	0 16	0 50	1 57	4 2	0 13	26 52	3 3	11 3	1 15	20 50	0 42	6 17	0 29	23 32	0 10	18 14	2 44	18 18	18 44	27 13		n.a.
S 22	4 17	14 44	0n51	1 36	1 39	4 34	0 11	26 50	3 1	10 58	1 15	20 51	0 42	6 18	0 29	23 32	0 10	18 14	2 44	18 18	18 45	27 12		n.a.
M23	3 53	9 23	1 58	2 25	1 20	5 6	0 8	26 48	2 59	10 54	1 15	20 51	0 42	6 19	0 29	23 32	0 10	18 14	2 44	18 18	18 45	27 12		n.a.
T 24	3 29	3 31	2 59	3 14	0 59	5 38	0 6	26 46	2 56	10 49	1 15	20 52	0 42	6 21	0 29	23 32	0 10	18 14	2 44	18 19	18 46	27 11		n.a.
W25	3 5	2n37	3 53	4 3	0 39	6 10	0 3	26 43	2 54	10 44	1 15	20 53	0 42	6 22	0 29	23 32	0 10	18 14	2 44	18 21	18 47	27 11		n.a.
T 26	2 41	8 45	4 34	4 49	0 18	6 41	0 0	26 41	2 52	10 39	1 15	20 54	0 42	6 23	0 29	23 32	0 10	18 14	2 44	18 23	18 48	27 11		n.a.
F 27	2 17	14 33	4 59	5 33	0n 2	7 13	0s 2	26 38	2 50	10 35	1 15	20 54	0 42	6 25	0 29	23 32	0 10	18 14	2 44	18 25	18 49	27 10		n.a.
S 28	1 52	19 40	5 8	6 12	0 21	7 44	0 5	26 36	2 48	10 30	1 15	20 55	0 41	6 26	0 29	23 32	0 10	18 14	2 44	18 27	18 49	27 10		n.a.
S 29	1 28	23 43	4 57	6 46	0 40	8 15	0 8	26 33	2 46	10 25	1 15	20 56	0 41	6 28	0 29	23 32	0 10	18 14	2 44	18 29	18 50	27 9		n.a.
M30	1n 4	26n21	4n28	7n14	0n57	8s46	0s11	26s30	2s44	10n21	1n15	20s57	0n41	6s29	0n29	23n32	0s10	18n14	2s44	18s30	18s51	27s 9		n.a.

Julian Day Number = 1339980.5, Delta T = 07h16m38s
Ecliptic obliquity = 23°49'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'33, Lahiri = -18°22'32 Julian Calendar 1 Sept. 1045 BCE == Greg. Calendar 22 Aug. 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

OCTOBER 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 58	28♍22'32	21♊51	13°R43	22♎58	4♑48	6♍56	5♐54	17♎27	5♋41	2°R 2	8°R13	6♒49	25♐29	n.a.	T 1
W 2	0 3 55	29°23'01	5♋58	13°D34	24°13	5°24	7° 9	5°58	17°30	5°41	2♊ 2	8°D13	6°46	25°36	n.a.	W 2
T 3	0 7 51	0♎23'32	20° 2	13♍36	25°27	6° 1	7°22	6° 2	17°34	5°42	2° 1	8♒14	6°43	25°43	n.a.	T 3
F 4	0 11 48	1°24'04	4♌ 0	13°49	26°42	6°38	7°34	6° 7	17°37	5°42	2° 1	8°R15	6°39	25°49	n.a.	F 4
S 5	0 15 44	2°24'39	17°53	14°13	27°56	7°15	7°47	6°11	17°41	5°43	2° 0	8°14	6°36	25°56	n.a.	S 5
S 6	0 19 41	3°25'15	1♍38	14°45	29°11	7°53	7°59	6°15	17°45	5°43	2° 0	8°12	6°33	26° 3	n.a.	S 6
M 7	0 23 37	4°25'53	15°14	15°26	0♏25	8°30	8°12	6°20	17°48	5°44	1°59	8° 7	6°30	26° 9	n.a.	M 7
T 8	0 27 34	5°26'33	28°39	16°14	1°39	9° 7	8°24	6°24	17°52	5°44	1°59	7°59	6°27	26°16	n.a.	T 8
W 9	0 31 30	6°27'15	11♎50	17° 9	2°54	9°45	8°36	6°29	17°56	5°44	1°58	7°49	6°24	26°23	n.a.	W 9
T 10	0 35 27	7°27'58	24°47	18°10	4° 8	10°23	8°49	6°33	17°59	5°45	1°57	7°38	6°20	26°29	n.a.	T 10
F 11	0 39 23	8°28'42	7♏27	19°16	5°23	11° 1	9° 1	6°38	18° 3	5°45	1°57	7°27	6°17	26°36	n.a.	F 11
S 12	0 43 20	9°29'29	19°51	20°26	6°37	11°39	9°13	6°43	18° 7	5°45	1°56	7°16	6°14	26°43	n.a.	S 12
S 13	0 47 17	10°30'16	2♐ 2	21°40	7°51	12°17	9°25	6°48	18°10	5°45	1°55	7° 7	6°11	26°49	n.a.	S 13
M14	0 51 13	11°31'05	14° 1	22°57	9° 6	12°55	9°37	6°53	18°14	5°46	1°55	7° 1	6° 8	26°56	n.a.	M14
T 15	0 55 10	12°31'55	25°52	24°17	10°20	13°33	9°49	6°58	18°18	5°46	1°54	6°57	6° 4	27° 3	n.a.	T 15
W16	0 59 6	13°32'46	7♑41	25°39	11°34	14°11	10° 1	7° 3	18°21	5°46	1°53	6°56	6° 1	27° 9	n.a.	W16
T 17	1 3 3	14°33'38	19°32	27° 3	12°48	14°50	10°13	7° 8	18°25	5°46	1°52	6°D55	5°58	27°16	n.a.	T 17
F 18	1 6 59	15°34'32	1♒31	28°29	14° 3	15°28	10°25	7°13	18°29	5°R46	1°51	6°R56	5°55	27°23	n.a.	F 18
S 19	1 10 56	16°35'26	13°43	29°56	15°17	16° 7	10°37	7°19	18°33	5°46	1°51	6°56	5°52	27°29	n.a.	S 19
S 20	1 14 53	17°36'21	26°13	1♎24	16°31	16°46	10°49	7°24	18°36	5°46	1°50	6°54	5°49	27°36	n.a.	S 20
M21	1 18 49	18°37'18	9♓ 6	2°53	17°45	17°25	11° 0	7°29	18°40	5°46	1°49	6°50	5°45	27°43	n.a.	M21
T 22	1 22 46	19°38'15	22°23	4°23	18°59	18° 4	11°12	7°35	18°44	5°46	1°48	6°43	5°42	27°50	n.a.	T 22
W23	1 26 42	20°39'13	6♈ 5	5°54	20°14	18°43	11°24	7°40	18°48	5°46	1°47	6°34	5°39	27°56	n.a.	W23
T 24	1 30 39	21°40'13	20° 9	7°25	21°28	19°22	11°35	7°46	18°51	5°45	1°46	6°22	5°36	28° 3	n.a.	T 24
F 25	1 34 35	22°41'13	4♉31	8°57	22°42	20° 1	11°46	7°52	18°55	5°45	1°45	6°10	5°33	28°10	n.a.	F 25
S 26	1 38 32	23°42'15	19° 4	10°29	23°56	20°40	11°58	7°57	18°59	5°45	1°44	5°59	5°29	28°16	n.a.	S 26
S 27	1 42 28	24°43'18	3♊40	12° 1	25°10	21°19	12° 9	8° 3	19° 2	5°45	1°44	5°49	5°26	28°23	n.a.	S 27
M28	1 46 25	25°44'23	18°14	13°33	26°24	21°58	12°20	8° 9	19° 6	5°44	1°43	5°42	5°23	28°30	n.a.	M28
T 29	1 50 22	26°45'28	2♋40	15° 6	27°38	22°38	12°31	8°15	19°10	5°44	1°42	5°38	5°20	28°36	n.a.	T 29
W30	1 54 18	27°46'35	16°53	16°39	28°52	23°17	12°42	8°21	19°14	5°44	1°41	5°36	5°17	28°43	n.a.	W30
T 31	1 58 15	28♎47'43	0♌54	18♎12	0♐ 6	23♑57	12♍53	8♐27	19♎17	5♋43	1♊40	5♒36	5♒14	28♐50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	0n39	27n17	3n43	7n36	1n12	9s16	0s13	26s26	2s42	10n16	1n15	20s58	0n41	6s30	0n29	23n32	0s10	18n14	2s44	18s30	18s52	27s 9					n.a.
W 2	0 15	26 25	2 45	7 52	1 25	9 47	0 16	26 23	2 40	10 11	1 15	20 59	0 41	6 32	0 29	23 32	0 10	18 14	2 44	18 30	18 53	27 8					n.a.
T 3	0s 9	23 53	1 36	8 2	1 37	10 17	0 19	26 19	2 38	10 6	1 15	20 59	0 41	6 33	0 29	23 32	0 10	18 14	2 44	18 30	18 54	27 8					n.a.
F 4	0 34	19 56	0 23	8 6	1 47	10 47	0 21	26 15	2 37	10 2	1 15	21 0	0 41	6 35	0 29	23 32	0 10	18 13	2 44	18 30	18 54	27 7					n.a.
S 5	0 58	14 54	0s51	8 5	1 56	11 17	0 24	26 11	2 35	9 57	1 16	21 1	0 40	6 36	0 29	23 32	0 10	18 13	2 44	18 30	18 55	27 7					n.a.
S 6	1 23	9 10	2 2	7 59	2 3	11 46	0 27	26 7	2 33	9 52	1 16	21 2	0 40	6 37	0 29	23 32	0 10	18 13	2 44	18 30	18 56	27 6					n.a.
M 7	1 47	3 5	3 5	7 47	2 8	12 16	0 30	26 3	2 31	9 48	1 16	21 3	0 40	6 39	0 29	23 32	0 10	18 13	2 44	18 32	18 57	27 6					n.a.
T 8	2 12	3s 3	3 56	7 32	2 12	12 44	0 32	25 59	2 29	9 43	1 16	21 4	0 40	6 40	0 29	23 32	0 10	18 13	2 44	18 34	18 58	27 5					n.a.
W 9	2 36	8 56	4 33	7 13	2 15	13 13	0 35	25 54	2 27	9 39	1 16	21 5	0 40	6 42	0 29	23 32	0 10	18 13	2 44	18 36	18 58	27 5					n.a.
T 10	3 0	14 19	4 56	6 50	2 16	13 41	0 38	25 49	2 25	9 34	1 16	21 6	0 40	6 43	0 29	23 32	0 10	18 13	2 44	18 39	18 59	27 4					n.a.
F 11	3 25	18 59	5 4	6 24	2 17	14 9	0 40	25 44	2 23	9 29	1 16	21 7	0 40	6 45	0 29	23 32	0 10	18 13	2 44	18 42	19 0	27 4					n.a.
S 12	3 49	22 44	4 56	5 56	2 16	14 37	0 43	25 39	2 21	9 25	1 16	21 8	0 40	6 46	0 29	23 32	0 10	18 12	2 44	18 45	19 1	27 3					n.a.
S 13	4 13	25 24	4 36	5 25	2 15	15 4	0 46	25 33	2 19	9 20	1 16	21 9	0 39	6 47	0 29	23 32	0 10	18 12	2 44	18 47	19 2	27 3					n.a.
M14	4 38	26 52	4 3	4 53	2 13	15 31	0 48	25 28	2 18	9 16	1 17	21 10	0 39	6 49	0 29	23 32	0 10	18 12	2 44	18 49	19 2	27 2					n.a.
T 15	5 2	27 6	3 20	4 18	2 11	15 57	0 51	25 22	2 16	9 11	1 17	21 11	0 39	6 50	0 29	23 32	0 10	18 12	2 44	18 50	19 3	27 2					n.a.
W16	5 26	26 5	2 29	3 42	2 8	16 23	0 54	25 16	2 14	9 7	1 17	21 12	0 39	6 52	0 29	23 32	0 10	18 12	2 44	18 50	19 4	27 1					n.a.
T 17	5 50	23 53	1 31	3 5	2 4	16 49	0 56	25 10	2 12	9 2	1 17	21 13	0 39	6 53	0 29	23 32	0 10	18 12	2 44	18 50	19 5	27 1					n.a.
F 18	6 14	20 37	0 29	2 26	2 0	17 14	0 59	25 4	2 10	8 58	1 17	21 14	0 39	6 55	0 29	23 32	0 10	18 12	2 44	18 50	19 6	27 0					n.a.
S 19	6 37	16 24	0n36	1 47	1 55	17 39	1 1	24 57	2 9	8 53	1 17	21 15	0 39	6 56	0 29	23 32	0 10	18 11	2 44	18 50	19 6	27 0					n.a.
S 20	7 1	11 24	1 41	1 7	1 50	18 3	1 4	24 51	2 7	8 49	1 17	21 16	0 39	6 58	0 29	23 32	0 10	18 11	2 44	18 51	19 7	26 59					n.a.
M21	7 25	5 47	2 42	0 26	1 45	18 27	1 6	24 44	2 5	8 45	1 17	21 17	0 38	6 59	0 29	23 32	0 10	18 11	2 44	18 52	19 8	26 59					n.a.
T 22	7 48	0n14	3 36	0s15	1 39	18 50	1 9	24 37	2 3	8 40	1 18	21 18	0 38	7 0	0 29	23 32	0 10	18 11	2 43	18 53	19 9	26 58					n.a.
W23	8 11	6 25	4 20	0 57	1 34	19 13	1 11	24 30	2 1	8 36	1 18	21 19	0 38	7 2	0 29	23 32	0 10	18 11	2 43	18 56	19 10	26 57					n.a.
T 24	8 35	12 26	4 49	1 39	1 28	19 36	1 13	24 22	2 0	8 32	1 18	21 20	0 38	7 3	0 29	23 32	0 10	18 11	2 43	18 59	19 10	26 57					n.a.
F 25	8 58	17 56	5 1	2 21	1 22	19 57	1 16	24 15	1 58	8 27	1 18	21 21	0 38	7 5	0 29	23 32	0 10	18 10	2 43	19 2	19 11	26 56					n.a.
S 26	9 21	22 27	4 53	3 4	1 15	20 19	1 18	24 7	1 56	8 23	1 18	21 22	0 38	7 6	0 29	23 32	0 10	18 10	2 43	19 5	19 12	26 56					n.a.
S 27	9 43	25 35	4 26	3 46	1 9	20 39	1 20	23 59	1 55	8 19	1 18	21 23	0 38	7 8	0 29	23 32	0 10	18 10	2 43	19 7	19 13	26 55					n.a.
M28	10 6	26 59	3 42	4 29	1 2	20 59	1 22	23 51	1 53	8 15	1 18	21 24	0 38	7 9	0 29	23 32	0 10	18 10	2 43	19 9	19 13	26 54					n.a.
T 29	10 29	26 32	2 45	5 11	0 56	21 19	1 25	23 43	1 51	8 10	1 19	21 25	0 37	7 10	0 29	23 32	0 10	18 10	2 43	19 10	19 14	26 54					n.a.
W30	10 51	24 21	1 37	5 54	0 49	21 38	1 27	23 34	1 50	8 6	1 19	21 26	0 37	7 12	0 29	23 32	0 10	18 10	2 43	19 10	19 15	26 53					n.a.
T 31	11s13	20n41	0n25	6s36	0n42	21s56	1s29	23s26	1s48	8n 2	1n19	21s27	0n37	7s13	0n29	23n32	0s10	18n 9	2s43	19s10	19s16	26s52					n.a.

Julian Day Number = 1340010.5, Delta T = 07h16m37s
Ecliptic obliquity = 23°49'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'29, Lahiri = -18°22'28 Julian Calendar 1 Oct. 1045 BCE == Greg. Calendar 21 Sept. 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

NOVEMBER 1045 BCE (-1044) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 2 11	29♎48'52	14♌41	19♎45	1♐20	24♉36	13♍ 4	8♐33	19♎21	5°R43	1°R39	5°R36	5♒10	28♐56	n.a.	F 1
S 2	2 6 8	0♏50'03	28°15	21°18	2°34	25°16	13°15	8°39	19°25	5♋42	1♊38	5♒34	5° 7	29° 3	n.a.	S 2
S 3	2 10 4	1°51'14	11♍38	22°51	3°48	25°56	13°26	8°45	19°28	5°42	1°36	5°31	5° 4	29°10	n.a.	S 3
M 4	2 14 1	2°52'26	24°50	24°25	5° 1	26°35	13°36	8°51	19°32	5°41	1°35	5°24	5° 1	29°16	n.a.	M 4
T 5	2 17 57	3°53'39	7♎51	25°58	6°15	27°15	13°47	8°57	19°36	5°41	1°34	5°14	4°58	29°23	n.a.	T 5
W 6	2 21 54	4°54'53	20°42	27°32	7°29	27°55	13°57	9° 4	19°39	5°40	1°33	5° 1	4°55	29°30	n.a.	W 6
T 7	2 25 51	5°56'08	3♏21	29° 5	8°43	28°35	14° 8	9°10	19°43	5°39	1°32	4°47	4°51	29°36	n.a.	T 7
F 8	2 29 47	6°57'23	15°48	0♏39	9°57	29°15	14°18	9°16	19°47	5°39	1°31	4°32	4°48	29°43	n.a.	F 8
S 9	2 33 44	7°58'39	28° 3	2°13	11°10	29°55	14°28	9°23	19°50	5°38	1°30	4°18	4°45	29°50	n.a.	S 9
S 10	2 37 40	8°59'55	10♐ 8	3°47	12°24	0♒35	14°38	9°29	19°54	5°37	1°29	4° 7	4°42	29°56	n.a.	S 10
M11	2 41 37	10° 1'12	22° 4	5°21	13°38	1°15	14°48	9°36	19°57	5°36	1°28	3°57	4°39	0♑ 3	n.a.	M11
T 12	2 45 33	11° 2'29	3♑53	6°55	14°51	1°55	14°58	9°42	20° 1	5°36	1°26	3°51	4°35	0°10	n.a.	T 12
W13	2 49 30	12° 3'46	15°40	8°29	16° 5	2°35	15° 8	9°49	20° 4	5°35	1°25	3°48	4°32	0°16	n.a.	W13
T 14	2 53 26	13° 5'03	27°28	10° 4	17°19	3°15	15°18	9°55	20° 8	5°34	1°24	3°47	4°29	0°23	n.a.	T 14
F 15	2 57 23	14° 6'20	9♒24	11°39	18°32	3°55	15°27	10° 2	20°11	5°33	1°23	3°47	4°26	0°30	n.a.	F 15
S 16	3 1 20	15° 7'38	21°33	13°13	19°46	4°36	15°37	10° 9	20°15	5°32	1°22	3°46	4°23	0°36	n.a.	S 16
S 17	3 5 16	16° 8'55	4♓ 0	14°48	20°59	5°16	15°46	10°15	20°18	5°31	1°20	3°45	4°20	0°43	n.a.	S 17
M18	3 9 13	17°10'12	16°50	16°24	22°12	5°56	15°55	10°22	20°22	5°30	1°19	3°42	4°16	0°50	n.a.	M18
T 19	3 13 9	18°11'29	0♈ 8	17°59	23°26	6°36	16° 4	10°29	20°25	5°29	1°18	3°36	4°13	0°56	n.a.	T 19
W20	3 17 6	19°12'45	13°54	19°35	24°39	7°17	16°13	10°35	20°29	5°28	1°17	3°27	4°10	1° 3	n.a.	W20
T 21	3 21 2	20°14'02	28° 9	21°11	25°52	7°57	16°22	10°42	20°32	5°27	1°16	3°17	4° 7	1°10	n.a.	T 21
F 22	3 24 59	21°15'19	12♉47	22°48	27° 5	8°37	16°31	10°49	20°35	5°26	1°14	3° 5	4° 4	1°16	n.a.	F 22
S 23	3 28 56	22°16'35	27°42	24°24	28°18	9°18	16°39	10°56	20°39	5°25	1°13	2°54	4° 1	1°23	n.a.	S 23
S 24	3 32 52	23°17'52	12♊45	26° 1	29°32	9°58	16°48	11° 3	20°42	5°24	1°12	2°45	3°57	1°30	n.a.	S 24
M25	3 36 49	24°19'09	27°44	27°39	0♑45	10°39	16°56	11°10	20°45	5°23	1°11	2°38	3°54	1°36	n.a.	M25
T 26	3 40 45	25°20'26	12♋33	29°16	1°58	11°19	17° 5	11°17	20°48	5°21	1° 9	2°34	3°51	1°43	n.a.	T 26
W27	3 44 42	26°21'43	27° 5	0♐54	3°11	12° 0	17°13	11°24	20°52	5°20	1° 8	2°D32	3°48	1°50	n.a.	W27
T 28	3 48 38	27°23'00	11♌17	2°32	4°23	12°40	17°21	11°31	20°55	5°19	1° 7	2°32	3°45	1°56	n.a.	T 28
F 29	3 52 35	28°24'16	25° 8	4°11	5°36	13°21	17°29	11°38	20°58	5°18	1° 6	2°R33	3°41	2° 3	n.a.	F 29
S 30	3 56 31	29♏25'33	8♍39	5♐50	6♑49	14♒ 1	17♍37	11♐45	21♎ 1	5♋16	1♊ 4	2♒32	3♒38	2♑10	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s35	15n56	0s48	7s18	0n36	22s14	1s31	23s17	1s46	7n58	1n19	21s28	0n37	7s15	0n29	23n32	0s10	18n 9	2s43	19s10	19s17	26s52		n.a.
S 2	11 57	10 27	1 57	8 0	0 29	22 31	1 33	23 8	1 45	7 54	1 19	21 29	0 37	7 16	0 29	23 32	0 10	18 9	2 43	19 11	19 17	26 51		n.a.
S 3	12 18	4 35	2 58	8 41	0 22	22 48	1 35	22 59	1 43	7 50	1 19	21 30	0 37	7 18	0 29	23 32	0 10	18 9	2 43	19 12	19 18	26 50		n.a.
M 4	12 40	1s24	3 49	9 22	0 15	23 3	1 36	22 50	1 41	7 46	1 20	21 31	0 37	7 19	0 29	23 32	0 10	18 9	2 43	19 13	19 19	26 50		n.a.
T 5	13 1	7 14	4 27	10 3	0 9	23 18	1 38	22 40	1 40	7 42	1 20	21 32	0 37	7 20	0 29	23 32	0 10	18 8	2 43	19 16	19 20	26 49		n.a.
W 6	13 22	12 40	4 50	10 44	0 2	23 33	1 40	22 31	1 38	7 38	1 20	21 34	0 37	7 22	0 29	23 32	0 10	18 8	2 43	19 19	19 21	26 48		n.a.
T 7	13 43	17 30	4 59	11 24	0s 5	23 47	1 42	22 21	1 37	7 34	1 20	21 35	0 36	7 23	0 29	23 32	0 10	18 8	2 43	19 22	19 21	26 48		n.a.
F 8	14 3	21 30	4 54	12 4	0 11	24 0	1 43	22 11	1 35	7 30	1 20	21 36	0 36	7 25	0 29	23 32	0 10	18 8	2 43	19 26	19 22	26 47		n.a.
S 9	14 23	24 30	4 35	12 43	0 18	24 12	1 45	22 1	1 34	7 26	1 20	21 37	0 36	7 26	0 29	23 32	0 10	18 8	2 43	19 29	19 23	26 46		n.a.
S 10	14 43	26 20	4 3	13 21	0 24	24 24	1 46	21 51	1 32	7 23	1 21	21 38	0 36	7 27	0 29	23 32	0 10	18 8	2 43	19 32	19 24	26 46		n.a.
M11	15 3	26 56	3 21	14 0	0 31	24 35	1 48	21 40	1 30	7 19	1 21	21 39	0 36	7 29	0 29	23 32	0 10	18 7	2 43	19 34	19 24	26 45		n.a.
T 12	15 23	26 17	2 31	14 37	0 37	24 45	1 49	21 30	1 29	7 15	1 21	21 40	0 36	7 30	0 29	23 32	0 10	18 7	2 43	19 36	19 25	26 44		n.a.
W13	15 42	24 27	1 34	15 14	0 43	24 54	1 50	21 19	1 27	7 12	1 21	21 41	0 36	7 31	0 29	23 32	0 10	18 7	2 43	19 37	19 26	26 43		n.a.
T 14	16 1	21 33	0 33	15 50	0 49	25 3	1 51	21 8	1 26	7 8	1 21	21 42	0 36	7 33	0 29	23 32	0 10	18 7	2 43	19 37	19 27	26 43		n.a.
F 15	16 20	17 42	0n30	16 26	0 55	25 11	1 53	20 57	1 24	7 4	1 22	21 43	0 36	7 34	0 29	23 32	0 10	18 7	2 43	19 37	19 27	26 42		n.a.
S 16	16 38	13 5	1 33	17 1	1 1	25 18	1 54	20 46	1 23	7 1	1 22	21 44	0 36	7 35	0 29	23 33	0 10	18 6	2 43	19 37	19 28	26 41		n.a.
S 17	16 56	7 50	2 33	17 35	1 6	25 25	1 55	20 34	1 21	6 57	1 22	21 45	0 35	7 37	0 29	23 33	0 10	18 6	2 43	19 37	19 29	26 40		n.a.
M18	17 14	2 6	3 27	18 9	1 12	25 31	1 55	20 23	1 20	6 54	1 22	21 46	0 35	7 38	0 29	23 33	0 10	18 6	2 43	19 38	19 30	26 40		n.a.
T 19	17 31	3n54	4 12	18 41	1 17	25 35	1 56	20 11	1 19	6 50	1 22	21 48	0 35	7 39	0 29	23 33	0 10	18 6	2 43	19 40	19 31	26 39		n.a.
W20	17 48	9 56	4 45	19 13	1 22	25 40	1 57	19 59	1 17	6 47	1 23	21 49	0 35	7 41	0 29	23 33	0 10	18 5	2 43	19 42	19 31	26 38		n.a.
T 21	18 5	15 39	5 0	19 44	1 27	25 43	1 58	19 47	1 16	6 44	1 23	21 50	0 35	7 42	0 29	23 33	0 10	18 5	2 43	19 44	19 32	26 37		n.a.
F 22	18 22	20 38	4 57	20 14	1 31	25 46	1 58	19 35	1 14	6 41	1 23	21 51	0 35	7 43	0 29	23 33	0 10	18 5	2 43	19 47	19 33	26 36		n.a.
S 23	18 38	24 24	4 34	20 43	1 36	25 47	1 59	19 23	1 13	6 37	1 23	21 52	0 35	7 44	0 29	23 33	0 10	18 5	2 43	19 49	19 34	26 36		n.a.
S 24	18 54	26 31	3 52	21 11	1 40	25 48	1 59	19 11	1 12	6 34	1 23	21 53	0 35	7 46	0 29	23 33	0 10	18 5	2 42	19 52	19 34	26 35		n.a.
M25	19 9	26 42	2 54	21 38	1 44	25 49	2 0	18 58	1 10	6 31	1 24	21 54	0 35	7 47	0 29	23 33	0 10	18 4	2 42	19 53	19 35	26 34		n.a.
T 26	19 24	24 57	1 44	22 4	1 47	25 48	2 0	18 45	1 9	6 28	1 24	21 55	0 35	7 48	0 29	23 33	0 10	18 4	2 42	19 54	19 36	26 33		n.a.
W27	19 39	21 33	0 29	22 28	1 51	25 47	2 0	18 33	1 7	6 25	1 24	21 56	0 35	7 49	0 29	23 33	0 10	18 4	2 42	19 54	19 37	26 32		n.a.
T 28	19 53	16 55	0s46	22 51	1 54	25 45	2 0	18 20	1 6	6 22	1 24	21 57	0 34	7 51	0 29	23 33	0 10	18 4	2 42	19 54	19 37	26 31		n.a.
F 29	20 7	11 31	1 57	23 13	1 56	25 42	2 0	18 7	1 5	6 19	1 25	21 58	0 34	7 52	0 29	23 33	0 10	18 4	2 42	19 54	19 38	26 31		n.a.
S 30	20s21	5n41	3s 0	23s34	1s59	25s38	2s 0	17s54	1s 3	6n16	1n25	21s59	0n34	7s53	0n29	23n33	0s10	18n 3	2s42	19s54	19s39	26s30		n.a.

Julian Day Number = 1340041.5, Delta T = 07h16m35s
Ecliptic obliquity = 23°49'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'25, Lahiri = -18°22'24 Julian Calendar 1 Nov. 1045 BCE == Greg. Calendar 22 Oct. 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1045 BCE
geocentric

DECEMBER 1045 BCE (-1044) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 0 28	0♐26'50	21♍51	7♐29	8♉ 2	14♒42	17♍44	11♐52	21♎ 4	5°R15	1°R 3	2°R30	3♒35	2♉16	n.a.	S 1
M 2	4 4 25	1°28'07	4♎48	9° 9	9°14	15°22	17°52	11°59	21° 7	5♋14	1♊ 2	2♒25	3°32	2°23	n.a.	M 2
T 3	4 8 21	2°29'23	17°32	10°48	10°27	16° 3	17°59	12° 6	21°10	5°12	1° 1	2°18	3°29	2°30	n.a.	T 3
W 4	4 12 18	3°30'39	0♏ 4	12°28	11°39	16°43	18° 6	12°13	21°13	5°11	0°59	2° 8	3°26	2°36	n.a.	W 4
T 5	4 16 14	4°31'55	12°25	14° 9	12°52	17°24	18°13	12°20	21°16	5°10	0°58	1°57	3°22	2°43	n.a.	T 5
F 6	4 20 11	5°33'11	24°38	15°49	14° 4	18° 4	18°20	12°27	21°19	5° 8	0°57	1°46	3°19	2°50	n.a.	F 6
S 7	4 24 7	6°34'26	6♐42	17°29	15°16	18°45	18°27	12°34	21°22	5° 7	0°56	1°35	3°16	2°56	n.a.	S 7
S 8	4 28 4	7°35'40	18°39	19° 9	16°29	19°25	18°34	12°41	21°25	5° 5	0°54	1°25	3°13	3° 3	n.a.	S 8
M 9	4 32 1	8°36'54	0♉30	20°49	17°41	20° 6	18°40	12°48	21°28	5° 4	0°53	1°18	3°10	3°10	n.a.	M 9
T 10	4 35 57	9°38'07	12°18	22°29	18°53	20°47	18°46	12°55	21°31	5° 3	0°52	1°13	3° 7	3°16	n.a.	T 10
W11	4 39 54	10°39'19	24° 5	24° 8	20° 5	21°27	18°53	13° 2	21°34	5° 1	0°51	1°11	3° 3	3°23	n.a.	W11
T 12	4 43 50	11°40'30	5♒53	25°46	21°17	22° 8	18°59	13°10	21°36	5° 0	0°49	1°D11	3° 0	3°30	n.a.	T 12
F 13	4 47 47	12°41'40	17°49	27°24	22°29	22°49	19° 5	13°17	21°39	4°58	0°48	1°12	2°57	3°36	n.a.	F 13
S 14	4 51 43	13°42'49	29°56	29° 0	23°40	23°29	19°10	13°24	21°42	4°56	0°47	1°13	2°54	3°43	n.a.	S 14
S 15	4 55 40	14°43'57	12♓19	0♉35	24°52	24°10	19°16	13°31	21°44	4°55	0°46	1°R14	2°51	3°50	n.a.	S 15
M16	4 59 36	15°45'04	25° 4	2° 7	26° 3	24°50	19°21	13°38	21°47	4°53	0°45	1°14	2°47	3°56	n.a.	M16
T 17	5 3 33	16°46'09	8♈14	3°38	27°15	25°31	19°26	13°45	21°49	4°52	0°43	1°11	2°44	4° 3	n.a.	T 17
W18	5 7 30	17°47'13	21°53	5° 5	28°26	26°12	19°32	13°52	21°52	4°50	0°42	1° 7	2°41	4°10	n.a.	W18
T 19	5 11 26	18°48'16	6♉ 3	6°29	29°37	26°52	19°36	13°59	21°54	4°49	0°41	1° 2	2°38	4°16	n.a.	T 19
F 20	5 15 23	19°49'17	20°39	7°49	0♒48	27°33	19°41	14° 6	21°57	4°47	0°40	0°55	2°35	4°23	n.a.	F 20
S 21	5 19 19	20°50'17	5♊38	9° 4	1°59	28°13	19°46	14°14	21°59	4°45	0°39	0°49	2°32	4°30	n.a.	S 21
S 22	5 23 16	21°51'17	20°50	10°14	3°10	28°54	19°50	14°21	22° 1	4°44	0°37	0°43	2°28	4°36	n.a.	S 22
M23	5 27 12	22°52'14	6♋ 6	11°18	4°21	29°35	19°54	14°28	22° 4	4°42	0°36	0°39	2°25	4°43	n.a.	M23
T 24	5 31 9	23°53'11	21°15	12°14	5°32	0♓15	19°59	14°35	22° 6	4°40	0°35	0°37	2°22	4°50	n.a.	T 24
W25	5 35 6	24°54'07	6♌ 7	13° 3	6°42	0°56	20° 2	14°42	22° 8	4°39	0°34	0°D37	2°19	4°56	n.a.	W25
T 26	5 39 2	25°55'02	20°38	13°43	7°52	1°36	20° 6	14°49	22°10	4°37	0°33	0°38	2°16	5° 3	n.a.	T 26
F 27	5 42 59	26°55'55	4♍43	14°13	9° 3	2°17	20°10	14°56	22°12	4°36	0°32	0°40	2°13	5°10	n.a.	F 27
S 28	5 46 55	27°56'47	18°23	14°34	10°13	2°57	20°13	15° 3	22°15	4°34	0°31	0°41	2° 9	5°16	n.a.	S 28
S 29	5 50 52	28°57'39	1♎39	14°R44	11°23	3°38	20°16	15°10	22°17	4°32	0°30	0°R41	2° 6	5°23	n.a.	S 29
M30	5 54 48	29°58'29	14°33	14°43	12°33	4°18	20°19	15°17	22°19	4°30	0°29	0°40	2° 3	5°30	n.a.	M30
T 31	5 58 45	0♉59'18	27♎ 9	14♉31	13♒42	4♓59	20♍22	15♐24	22♎20	4♋29	0♊27	0♒38	2♒ 0	5♉36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s34	0s15	3s52	23s53	2s 1	25s34	2s 0	17s40	1s 2	6n13	1n25	22s 0	0n34	7s54	0n29	23n33	0s10	18n 3	2s42	19s55	19s40	26s29			n.a.
M 2	20 47	6 3	4 30	24 11	2 2	25 29	1 59	17 27	1 1	6 11	1 25	22 1	0 34	7 55	0 29	23 33	0 10	18 3	2 42	19 56	19 40	26 28			n.a.
T 3	20 59	11 30	4 54	24 28	2 4	25 23	1 59	17 13	0 59	6 8	1 26	22 2	0 34	7 56	0 29	23 33	0 10	18 3	2 42	19 58	19 41	26 27			n.a.
W 4	21 11	16 24	5 4	24 42	2 4	25 16	1 58	17 0	0 58	6 5	1 26	22 3	0 34	7 58	0 29	23 34	0 9	18 3	2 42	20 0	19 42	26 26			n.a.
T 5	21 23	20 33	4 59	24 55	2 5	25 9	1 58	16 46	0 57	6 3	1 26	22 4	0 34	7 59	0 29	23 34	0 9	18 2	2 42	20 2	19 43	26 25			n.a.
F 6	21 34	23 45	4 41	25 7	2 5	25 0	1 57	16 32	0 56	6 0	1 26	22 5	0 34	8 0	0 29	23 34	0 9	18 2	2 42	20 5	19 43	26 24			n.a.
S 7	21 45	25 52	4 10	25 16	2 4	24 51	1 56	16 18	0 54	5 58	1 27	22 6	0 34	8 1	0 29	23 34	0 9	18 2	2 42	20 8	19 44	26 23			n.a.
S 8	21 55	26 47	3 28	25 24	2 3	24 42	1 56	16 4	0 53	5 55	1 27	22 7	0 34	8 2	0 29	23 34	0 9	18 2	2 42	20 10	19 45	26 22			n.a.
M 9	22 5	26 26	2 37	25 30	2 1	24 31	1 55	15 50	0 52	5 53	1 27	22 8	0 34	8 3	0 29	23 34	0 9	18 2	2 42	20 11	19 46	26 22			n.a.
T 10	22 15	24 54	1 40	25 34	1 58	24 20	1 53	15 36	0 51	5 51	1 27	22 9	0 34	8 4	0 29	23 34	0 9	18 1	2 42	20 12	19 46	26 21			n.a.
W11	22 24	22 16	0 38	25 36	1 55	24 9	1 52	15 21	0 49	5 48	1 28	22 10	0 33	8 5	0 29	23 34	0 9	18 1	2 41	20 13	19 47	26 20			n.a.
T 12	22 33	18 41	0n25	25 36	1 51	23 56	1 51	15 7	0 48	5 46	1 28	22 11	0 33	8 6	0 29	23 34	0 9	18 1	2 41	20 13	19 48	26 19			n.a.
F 13	22 41	14 20	1 29	25 34	1 47	23 43	1 50	14 52	0 47	5 44	1 28	22 12	0 33	8 7	0 29	23 34	0 9	18 1	2 41	20 13	19 49	26 18			n.a.
S 14	22 49	9 21	2 29	25 30	1 41	23 29	1 48	14 37	0 46	5 42	1 28	22 13	0 33	8 8	0 29	23 34	0 9	18 1	2 41	20 12	19 49	26 17			n.a.
S 15	22 56	3 55	3 24	25 24	1 35	23 15	1 47	14 23	0 45	5 40	1 29	22 14	0 33	8 9	0 29	23 34	0 9	18 1	2 41	20 12	19 50	26 16			n.a.
M16	23 3	1n50	4 10	25 16	1 28	23 0	1 45	14 8	0 43	5 38	1 29	22 15	0 33	8 10	0 29	23 34	0 9	18 0	2 41	20 12	19 51	26 15			n.a.
T 17	23 9	7 40	4 45	25 7	1 20	22 44	1 43	13 53	0 42	5 36	1 29	22 16	0 33	8 11	0 29	23 34	0 9	18 0	2 41	20 13	19 52	26 14			n.a.
W18	23 15	13 22	5 6	24 55	1 11	22 27	1 41	13 38	0 41	5 35	1 29	22 17	0 33	8 12	0 29	23 35	0 9	18 0	2 41	20 14	19 52	26 13			n.a.
T 19	23 20	18 35	5 9	24 41	1 2	22 10	1 39	13 23	0 40	5 33	1 30	22 18	0 33	8 13	0 29	23 35	0 9	18 0	2 41	20 15	19 53	26 12			n.a.
F 20	23 25	22 53	4 52	24 26	0 51	21 53	1 37	13 7	0 39	5 31	1 30	22 19	0 33	8 14	0 29	23 35	0 9	18 0	2 41	20 16	19 54	26 11			n.a.
S 21	23 30	25 46	4 15	24 9	0 39	21 35	1 35	12 52	0 38	5 30	1 30	22 20	0 33	8 15	0 29	23 35	0 9	18 0	2 41	20 18	19 55	26 10			n.a.
S 22	23 34	26 49	3 19	23 51	0 26	21 16	1 33	12 37	0 37	5 28	1 30	22 21	0 33	8 16	0 29	23 35	0 9	17 59	2 41	20 19	19 55	26 9			n.a.
M23	23 37	25 50	2 10	23 33	0 13	20 57	1 31	12 21	0 35	5 27	1 31	22 22	0 33	8 16	0 29	23 35	0 9	17 59	2 40	20 20	19 56	26 8			n.a.
T 24	23 41	22 57	0 51	23 13	0n 2	20 37	1 28	12 6	0 34	5 25	1 31	22 22	0 33	8 17	0 29	23 35	0 9	17 59	2 40	20 20	19 57	26 7			n.a.
W25	23 43	18 33	0s30	22 53	0 18	20 16	1 26	11 50	0 33	5 24	1 31	22 23	0 32	8 18	0 29	23 35	0 9	17 59	2 40	20 20	19 57	26 6			n.a.
T 26	23 45	13 9	1 47	22 32	0 34	19 56	1 23	11 34	0 32	5 23	1 32	22 24	0 32	8 19	0 29	23 35	0 9	17 59	2 40	20 20	19 58	26 5			n.a.
F 27	23 47	7 13	2 56	22 12	0 51	19 34	1 20	11 19	0 31	5 22	1 32	22 25	0 32	8 20	0 29	23 35	0 9	17 59	2 40	20 20	19 59	26 4			n.a.
S 28	23 48	1 7	3 52	21 53	1 8	19 12	1 17	11 3	0 30	5 21	1 32	22 26	0 32	8 20	0 29	23 35	0 9	17 58	2 40	20 19	20 0	26 3			n.a.
S 29	23 49	4s50	4 34	21 34	1 26	18 50	1 14	10 47	0 29	5 20	1 32	22 27	0 32	8 21	0 29	23 35	0 9	17 58	2 40	20 19	20 0	26 2			n.a.
M30	23 49	10 26	5 1	21 16	1 44	18 27	1 11	10 31	0 28	5 19	1 33	22 28	0 32	8 22	0 29	23 35	0 9	17 58	2 40	20 20	20 1	26 0			n.a.
T 31	23s49	15s28	5s13	20s59	2n 2	18s 4	1s 8	10s15	0s27	5n18	1n33	22s28	0n32	8s23	0n29	23n35	0s 9	17n58	2s40	20s20	20s 2	25s59			n.a.

Julian Day Number = 1340071.5, Delta T = 07h16m34s
Ecliptic obliquity = 23°49'15, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'21, Lahiri = -18°22'20 Julian Calendar 1 Dec. 1045 BCE == Greg. Calendar 21 Nov. 1045 BCE

The year -1044 astronomical counting style corresponds to year 1045 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

JANUARY 1044 BCE (-1043) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 2 41	2♉ 0'06	9♏31	14°R 8	14♒52	5♓39	20♍25	15♐31	22♎22	4°R27	0°R26	0°R34	1♒57	5♉43	n.a.	W 1
T 2	6 6 38	3° 0'52	21°40	13♉35	16° 1	6°20	20°27	15°38	22°24	4♋25	0♊25	0♒29	1°53	5°50	n.a.	T 2
F 3	6 10 35	4° 1'38	3♐41	12°52	17°10	7° 0	20°30	15°45	22°26	4°24	0°24	0°24	1°50	5°56	n.a.	F 3
S 4	6 14 31	5° 2'22	15°36	12° 0	18°20	7°41	20°32	15°52	22°28	4°22	0°23	0°20	1°47	6° 3	n.a.	S 4
S 5	6 18 28	6° 3'04	27°27	11° 2	19°28	8°21	20°34	15°58	22°29	4°20	0°22	0°16	1°44	6°10	n.a.	S 5
M 6	6 22 24	7° 3'45	9♉15	9°58	20°37	9° 2	20°35	16° 5	22°31	4°19	0°21	0°13	1°41	6°16	n.a.	M 6
T 7	6 26 21	8° 4'24	21° 3	8°51	21°46	9°42	20°37	16°12	22°33	4°17	0°20	0°12	1°38	6°23	n.a.	T 7
W 8	6 30 17	9° 5'02	2♒52	7°42	22°54	10°22	20°38	16°19	22°34	4°15	0°19	0°D11	1°34	6°30	n.a.	W 8
T 9	6 34 14	10° 5'38	14°46	6°33	24° 2	11° 3	20°39	16°26	22°36	4°14	0°19	0°12	1°31	6°36	n.a.	T 9
F 10	6 38 10	11° 6'11	26°47	5°25	25°10	11°43	20°40	16°32	22°37	4°12	0°18	0°13	1°28	6°43	n.a.	F 10
S 11	6 42 7	12° 6'43	8♓59	4°21	26°18	12°24	20°41	16°39	22°38	4°10	0°17	0°15	1°25	6°50	n.a.	S 11
S 12	6 46 4	13° 7'13	21°24	3°22	27°26	13° 4	20°42	16°46	22°40	4° 9	0°16	0°16	1°22	6°56	n.a.	S 12
M13	6 50 0	14° 7'41	4♈ 8	2°29	28°33	13°44	20°42	16°52	22°41	4° 7	0°15	0°17	1°19	7° 3	n.a.	M13
T 14	6 53 57	15° 8'07	17°13	1°42	29°41	14°25	20°42	16°59	22°42	4° 5	0°14	0°R17	1°15	7°10	n.a.	T 14
W15	6 57 53	16° 8'30	0♉42	1° 2	0♓47	15° 5	20°R42	17° 5	22°43	4° 4	0°13	0°17	1°12	7°16	n.a.	W15
T 16	7 1 50	17° 8'52	14°38	0°29	1°54	15°45	20°42	17°12	22°44	4° 2	0°12	0°16	1° 9	7°23	n.a.	T 16
F 17	7 5 46	18° 9'11	29° 0	0° 4	3° 1	16°26	20°42	17°18	22°45	4° 0	0°12	0°14	1° 6	7°30	n.a.	F 17
S 18	7 9 43	19° 9'28	13♊45	29♐46	4° 7	17° 6	20°41	17°25	22°46	3°59	0°11	0°13	1° 3	7°36	n.a.	S 18
S 19	7 13 39	20° 9'44	28°48	29°35	5°13	17°46	20°41	17°31	22°47	3°57	0°10	0°12	0°59	7°43	n.a.	S 19
M20	7 17 36	21° 9'57	14♋ 0	29°D31	6°19	18°26	20°40	17°37	22°48	3°56	0° 9	0°11	0°56	7°50	n.a.	M20
T 21	7 21 33	22°10'08	29°12	29°34	7°24	19° 7	20°39	17°44	22°49	3°54	0° 9	0°D11	0°53	7°56	n.a.	T 21
W22	7 25 29	23°10'17	14♌14	29°44	8°29	19°47	20°37	17°50	22°50	3°52	0° 8	0°11	0°50	8° 3	n.a.	W22
T 23	7 29 26	24°10'25	28°57	29°59	9°34	20°27	20°36	17°56	22°51	3°51	0° 7	0°11	0°47	8° 9	n.a.	T 23
F 24	7 33 22	25°10'30	13♍17	0♉20	10°39	21° 7	20°34	18° 2	22°51	3°49	0° 7	0°12	0°44	8°16	n.a.	F 24
S 25	7 37 19	26°10'34	27°10	0°46	11°43	21°47	20°32	18° 9	22°52	3°48	0° 6	0°12	0°40	8°23	n.a.	S 25
S 26	7 41 15	27°10'35	10♎36	1°16	12°47	22°27	20°30	18°15	22°53	3°46	0° 5	0°13	0°37	8°29	n.a.	S 26
M27	7 45 12	28°10'36	23°36	1°52	13°51	23° 7	20°28	18°21	22°53	3°45	0° 5	0°R13	0°34	8°36	n.a.	M27
T 28	7 49 8	29°10'34	6♏14	2°31	14°55	23°47	20°26	18°27	22°54	3°43	0° 4	0°13	0°31	8°43	n.a.	T 28
W29	7 53 5	0♒10'31	18°34	3°15	15°58	24°27	20°23	18°33	22°54	3°42	0° 4	0°D13	0°28	8°49	n.a.	W29
T 30	7 57 2	1°10'25	0♐39	4° 2	17° 1	25° 7	20°21	18°39	22°54	3°40	0° 3	0°13	0°25	8°56	n.a.	T 30
F 31	8 0 58	2♒10'18	12♐35	4♉53	18♓ 3	25♓47	20♍18	18♐44	22♎55	3♋39	0♊ 3	0♒13	0♒21	9♉ 3	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s48	19 s46	5 s 9	20 s44	2 n20	17 s40	1 s 5	9 s59	0 s26	5 n17	1 n33	22 s29	0 n32	8 s23	0 n29	23 n36	0 s 9	17 n58	2 s40	20 s21	20 s 3	25 s58			n.a.
T 2	23 47	23 10	4 52	20 31	2 37	17 16	1 2	9 43	0 25	5 16	1 34	22 30	0 32	8 24	0 29	23 36	0 9	17 58	2 40	20 22	20 3	25 57			n.a.
F 3	23 45	25 31	4 22	20 20	2 52	16 52	0 58	9 27	0 24	5 16	1 34	22 31	0 32	8 25	0 29	23 36	0 9	17 58	2 40	20 23	20 4	25 56			n.a.
S 4	23 43	26 41	3 41	20 10	3 6	16 27	0 55	9 11	0 23	5 15	1 34	22 32	0 32	8 25	0 29	23 36	0 9	17 58	2 39	20 24	20 5	25 55			n.a.
S 5	23 41	26 38	2 51	20 3	3 19	16 1	0 51	8 54	0 22	5 14	1 34	22 33	0 32	8 26	0 29	23 36	0 9	17 57	2 39	20 25	20 5	25 54			n.a.
M 6	23 38	25 22	1 53	19 57	3 30	15 36	0 47	8 38	0 21	5 14	1 35	22 33	0 32	8 27	0 30	23 36	0 9	17 57	2 39	20 26	20 6	25 53			n.a.
T 7	23 34	22 58	0 50	19 54	3 38	15 10	0 44	8 22	0 20	5 14	1 35	22 34	0 32	8 27	0 30	23 36	0 9	17 57	2 39	20 26	20 7	25 52			n.a.
W 8	23 30	19 35	0 n15	19 52	3 44	14 43	0 40	8 5	0 19	5 13	1 35	22 35	0 32	8 28	0 30	23 36	0 9	17 57	2 39	20 26	20 8	25 51			n.a.
T 9	23 26	15 24	1 20	19 52	3 48	14 17	0 36	7 49	0 18	5 13	1 36	22 36	0 32	8 28	0 30	23 36	0 9	17 57	2 39	20 26	20 8	25 49			n.a.
F 10	23 21	10 34	2 22	19 53	3 50	13 50	0 32	7 32	0 17	5 13	1 36	22 36	0 32	8 29	0 30	23 36	0 9	17 57	2 39	20 26	20 9	25 48			n.a.
S 11	23 16	5 16	3 19	19 56	3 49	13 23	0 28	7 16	0 16	5 13	1 36	22 37	0 31	8 29	0 30	23 36	0 9	17 57	2 39	20 25	20 10	25 47			n.a.
S 12	23 10	0 n19	4 7	20 1	3 46	12 55	0 23	6 59	0 15	5 13	1 36	22 38	0 31	8 30	0 30	23 36	0 9	17 57	2 39	20 25	20 10	25 46			n.a.
M13	23 3	6 0	4 45	20 6	3 41	12 27	0 19	6 43	0 14	5 13	1 37	22 38	0 31	8 30	0 30	23 36	0 9	17 57	2 38	20 25	20 11	25 45			n.a.
T 14	22 57	11 36	5 9	20 13	3 35	12 0	0 15	6 26	0 13	5 13	1 37	22 39	0 31	8 31	0 30	23 36	0 9	17 57	2 38	20 25	20 12	25 44			n.a.
W15	22 50	16 50	5 17	20 22	3 27	11 31	0 10	6 9	0 12	5 14	1 37	22 40	0 31	8 31	0 30	23 36	0 9	17 57	2 38	20 25	20 13	25 42			n.a.
T 16	22 42	21 22	5 7	20 31	3 19	11 3	0 5	5 53	0 11	5 14	1 38	22 41	0 31	8 31	0 30	23 37	0 9	17 56	2 38	20 25	20 13	25 41			n.a.
F 17	22 34	24 46	4 38	20 41	3 9	10 34	0 1	5 36	0 11	5 14	1 38	22 41	0 31	8 32	0 30	23 37	0 9	17 56	2 38	20 25	20 14	25 40			n.a.
S 18	22 26	26 37	3 50	20 51	2 58	10 6	0 n 4	5 19	0 10	5 15	1 38	22 42	0 31	8 32	0 30	23 37	0 9	17 56	2 38	20 26	20 15	25 39			n.a.
S 19	22 17	26 34	2 46	21 3	2 47	9 37	0 9	5 3	0 9	5 15	1 38	22 43	0 31	8 32	0 30	23 37	0 9	17 56	2 38	20 26	20 15	25 38			n.a.
M20	22 7	24 32	1 29	21 14	2 35	9 8	0 14	4 46	0 8	5 16	1 39	22 43	0 31	8 33	0 30	23 37	0 9	17 56	2 38	20 26	20 16	25 36			n.a.
T 21	21 58	20 44	0 5	21 26	2 23	8 38	0 19	4 29	0 7	5 17	1 39	22 44	0 31	8 33	0 30	23 37	0 9	17 56	2 38	20 26	20 17	25 35			n.a.
W22	21 48	15 35	1 s17	21 39	2 11	8 9	0 24	4 12	0 6	5 17	1 39	22 44	0 31	8 33	0 30	23 37	0 9	17 56	2 38	20 26	20 17	25 34			n.a.
T 23	21 37	9 38	2 33	21 51	1 58	7 40	0 29	3 55	0 5	5 18	1 40	22 45	0 31	8 34	0 30	23 37	0 9	17 56	2 37	20 26	20 18	25 33			n.a.
F 24	21 26	3 20	3 37	22 3	1 46	7 10	0 34	3 39	0 4	5 19	1 40	22 46	0 31	8 34	0 30	23 37	0 9	17 56	2 37	20 26	20 19	25 31			n.a.
S 25	21 15	2 s56	4 27	22 15	1 34	6 40	0 39	3 22	0 4	5 20	1 40	22 46	0 31	8 34	0 30	23 37	0 9	17 56	2 37	20 26	20 20	25 30			n.a.
S 26	21 3	8 50	5 0	22 27	1 21	6 11	0 45	3 5	0 3	5 21	1 40	22 47	0 31	8 34	0 30	23 37	0 9	17 56	2 37	20 26	20 20	25 29			n.a.
M27	20 51	14 11	5 16	22 39	1 9	5 41	0 50	2 48	0 2	5 22	1 41	22 47	0 31	8 35	0 30	23 37	0 9	17 56	2 37	20 26	20 21	25 28			n.a.
T 28	20 39	18 46	5 16	22 50	0 58	5 11	0 55	2 31	0 1	5 23	1 41	22 48	0 31	8 35	0 30	23 37	0 9	17 56	2 37	20 26	20 22	25 26			n.a.
W29	20 26	22 27	5 2	23 1	0 46	4 41	1 1	2 14	0 0	5 25	1 41	22 49	0 31	8 35	0 30	23 37	0 9	17 56	2 37	20 26	20 22	25 25			n.a.
T 30	20 13	25 5	4 34	23 11	0 35	4 11	1 7	1 58	0 n 1	5 26	1 41	22 49	0 31	8 35	0 30	23 37	0 9	17 56	2 37	20 26	20 23	25 24			n.a.
F 31	19 s59	26 s33	3 s55	23 s20	0 n24	3 s42	1 n12	1 s41	0 n 1	5 n28	1 n42	22 s50	0 n30	8 s35	0 n30	23 n37	0 s 9	17 n56	2 s37	20 s26	20 s24	25 s23			n.a.

Julian Day Number = 1340102.5, Delta T = 07h16m32s
Ecliptic obliquity = 23°49'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'16, Lahiri = -18°22'16 Julian Calendar 1 Jan. 1044 BCE == Greg. Calendar 22 Dec. 1045 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

FEBRUARY 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 55	3♒10'09	24♐24	5♑46	19♓ 5	26♓27	20°R14	18♐50	22♎55	3°R37	0°R 2	0♒13	0♒18	9♑ 9	n.a.	S 1
S 2	8 8 51	4° 9'59	6♑12	6°43	20° 7	27° 7	20♍11	18°56	22°55	3♋36	0♊ 2	0°14	0°15	9°16	n.a.	S 2
M 3	8 12 48	5° 9'46	17°59	7°42	21° 8	27°47	20° 8	19° 2	22°55	3°35	0° 1	0°14	0°12	9°23	n.a.	M 3
T 4	8 16 44	6° 9'31	29°50	8°45	22° 9	28°27	20° 4	19° 7	22°55	3°33	0° 1	0°R14	0° 9	9°29	n.a.	T 4
W 5	8 20 41	7° 9'14	11♒47	9°49	23°10	29° 7	20° 0	19°13	22°R55	3°32	0° 0	0°14	0° 5	9°36	n.a.	W 5
T 6	8 24 37	8° 8'54	23°51	10°56	24°10	29°47	19°56	19°18	22°55	3°31	0° 0	0°13	0° 2	9°43	n.a.	T 6
F 7	8 28 34	9° 8'33	6♓ 4	12° 5	25°10	0♈27	19°52	19°24	22°55	3°29	29♉59	0°12	29♑59	9°49	n.a.	F 7
S 8	8 32 31	10° 8'09	18°28	13°16	26° 9	1° 7	19°48	19°29	22°55	3°28	29°59	0°11	29°56	9°56	n.a.	S 8
S 9	8 36 27	11° 7'43	1♈ 4	14°30	27° 8	1°47	19°43	19°34	22°55	3°27	29°59	0°10	29°53	10° 3	n.a.	S 9
M10	8 40 24	12° 7'14	13°56	15°45	28° 6	2°27	19°39	19°40	22°55	3°25	29°59	0° 8	29°50	10° 9	n.a.	M10
T 11	8 44 20	13° 6'43	27° 4	17° 2	29° 4	3° 6	19°34	19°45	22°55	3°24	29°59	0° 7	29°46	10°16	n.a.	T 11
W12	8 48 17	14° 6'10	10♉31	18°20	0♈ 1	3°46	19°29	19°50	22°54	3°23	29°58	0°D 7	29°43	10°23	n.a.	W12
T 13	8 52 13	15° 5'34	24°18	19°41	0°58	4°26	19°24	19°55	22°54	3°22	29°58	0° 7	29°40	10°29	n.a.	T 13
F 14	8 56 10	16° 4'56	8♊24	21° 3	1°54	5° 6	19°19	20° 0	22°53	3°21	29°58	0° 8	29°37	10°36	n.a.	F 14
S 15	9 0 6	17° 4'15	22°49	22°27	2°50	5°45	19°13	20° 5	22°53	3°20	29°58	0° 9	29°34	10°43	n.a.	S 15
S 16	9 4 3	18° 3'32	7♋31	23°52	3°45	6°25	19° 8	20°10	22°52	3°18	29°58	0°10	29°31	10°49	n.a.	S 16
M17	9 8 0	19° 2'46	22°23	25°19	4°39	7° 5	19° 2	20°15	22°52	3°17	29°58	0°11	29°27	10°56	n.a.	M17
T 18	9 11 56	20° 1'58	7♌19	26°47	5°33	7°44	18°56	20°19	22°51	3°16	29°57	0°R11	29°24	11° 3	n.a.	T 18
W19	9 15 53	21° 1'08	22°12	28°17	6°26	8°24	18°50	20°24	22°51	3°15	29°57	0°10	29°21	11° 9	n.a.	W19
T 20	9 19 49	22° 0'15	6♍54	29°48	7°19	9° 3	18°44	20°29	22°50	3°14	29°57	0° 8	29°18	11°16	n.a.	T 20
F 21	9 23 46	22°59'21	21°16	1♒21	8°11	9°43	18°38	20°33	22°49	3°13	29°D57	0° 5	29°15	11°22	n.a.	F 21
S 22	9 27 42	23°58'24	5♎16	2°55	9° 2	10°23	18°32	20°37	22°48	3°12	29°57	0° 1	29°11	11°29	n.a.	S 22
S 23	9 31 39	24°57'25	18°49	4°31	9°52	11° 2	18°26	20°42	22°47	3°11	29°57	29♑58	29° 8	11°36	n.a.	S 23
M24	9 35 35	25°56'25	1♏56	6° 8	10°42	11°42	18°19	20°46	22°46	3°11	29°57	29°55	29° 5	11°42	n.a.	M24
T 25	9 39 32	26°55'22	14°39	7°47	11°31	12°21	18°12	20°50	22°45	3°10	29°57	29°53	29° 2	11°49	n.a.	T 25
W26	9 43 28	27°54'18	27° 2	9°27	12°19	13° 0	18° 6	20°54	22°44	3° 9	29°58	29°D52	28°59	11°56	n.a.	W26
T 27	9 47 25	28°53'12	9♐ 8	11° 8	13° 6	13°40	17°59	20°58	22°43	3° 8	29°58	29°53	28°56	12° 2	n.a.	T 27
F 28	9 51 22	29♒52'04	21♐ 3	12♒51	13♈52	14♈19	17♍52	21♐ 2	22♎42	3♋ 7	29♉58	29♑54	28♑52	12♑ 9	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s46	26s48	3s 6	23s29	0n13	3s12	1n18	1s24	0n 2	5n29	1n42	22s50	0n30	8s35	0n30	23n37	0s 9	17n56	2s36	20s26	20s24	25s21		n.a.
S 2	19 31	25 50	2 10	23 36	0 3	2 42	1 24	1 7	0 3	5 31	1 42	22 51	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 25	20 25	25 20		n.a.
M 3	19 17	23 42	1 8	23 43	0s 8	2 12	1 29	0 50	0 4	5 32	1 42	22 51	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 25	20 26	25 19		n.a.
T 4	19 2	20 33	0 2	23 49	0 17	1 42	1 35	0 33	0 4	5 34	1 43	22 52	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 25	20 27	25 17		n.a.
W 5	18 47	16 31	1n 4	23 54	0 27	1 13	1 41	0 17	0 5	5 36	1 43	22 52	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 25	20 27	25 16		n.a.
T 6	18 31	11 47	2 7	23 57	0 36	0 43	1 47	0n 0	0 6	5 37	1 43	22 53	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 25	20 28	25 15		n.a.
F 7	18 15	6 33	3 6	24 0	0 45	0 14	1 53	0 17	0 7	5 39	1 43	22 53	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 26	20 29	25 13		n.a.
S 8	17 59	1 1	3 57	24 1	0 53	0n16	1 59	0 34	0 7	5 41	1 44	22 54	0 30	8 35	0 30	23 38	0 9	17 56	2 36	20 26	20 29	25 12		n.a.
S 9	17 43	4n39	4 37	24 2	1 1	0 45	2 5	0 51	0 8	5 43	1 44	22 54	0 30	8 35	0 30	23 38	0 9	17 56	2 35	20 26	20 30	25 11		n.a.
M10	17 26	10 14	5 4	24 0	1 8	1 14	2 11	1 7	0 9	5 45	1 44	22 55	0 30	8 35	0 30	23 38	0 9	17 56	2 35	20 27	20 31	25 9		n.a.
T 11	17 9	15 30	5 16	23 58	1 16	1 43	2 18	1 24	0 10	5 47	1 44	22 55	0 30	8 35	0 30	23 38	0 9	17 56	2 35	20 27	20 31	25 8		n.a.
W12	16 52	20 8	5 12	23 54	1 22	2 12	2 24	1 41	0 10	5 50	1 44	22 56	0 30	8 35	0 30	23 38	0 9	17 57	2 35	20 27	20 32	25 7		n.a.
T 13	16 34	23 48	4 49	23 49	1 29	2 40	2 30	1 57	0 11	5 52	1 45	22 56	0 30	8 34	0 30	23 38	0 9	17 57	2 35	20 27	20 33	25 5		n.a.
F 14	16 16	26 9	4 9	23 42	1 35	3 9	2 36	2 14	0 12	5 54	1 45	22 56	0 30	8 34	0 30	23 38	0 9	17 57	2 35	20 27	20 33	25 4		n.a.
S 15	15 58	26 49	3 12	23 34	1 40	3 37	2 42	2 31	0 13	5 56	1 45	22 57	0 30	8 34	0 30	23 38	0 8	17 57	2 35	20 27	20 34	25 3		n.a.
S 16	15 40	25 38	2 2	23 25	1 46	4 5	2 49	2 47	0 13	5 59	1 45	22 57	0 30	8 34	0 30	23 38	0 8	17 57	2 35	20 26	20 35	25 1		n.a.
M17	15 21	22 38	0 43	23 13	1 50	4 33	2 55	3 4	0 14	6 1	1 45	22 58	0 30	8 34	0 30	23 38	0 8	17 57	2 34	20 26	20 35	25 0		n.a.
T 18	15 2	18 6	0s39	23 1	1 55	5 0	3 1	3 20	0 15	6 4	1 46	22 58	0 30	8 33	0 30	23 38	0 8	17 57	2 34	20 26	20 36	24 58		n.a.
W19	14 43	12 28	1 59	22 46	1 59	5 27	3 7	3 37	0 15	6 6	1 46	22 58	0 30	8 33	0 30	23 38	0 8	17 57	2 34	20 26	20 37	24 57		n.a.
T 20	14 24	6 12	3 9	22 30	2 2	5 54	3 14	3 53	0 16	6 9	1 46	22 59	0 30	8 33	0 30	23 38	0 8	17 57	2 34	20 27	20 37	24 56		n.a.
F 21	14 4	0s14	4 6	22 13	2 5	6 21	3 20	4 10	0 17	6 11	1 46	22 59	0 30	8 33	0 30	23 38	0 8	17 57	2 34	20 27	20 38	24 54		n.a.
S 22	13 45	6 29	4 46	21 53	2 8	6 47	3 26	4 26	0 17	6 14	1 46	22 59	0 30	8 32	0 30	23 38	0 8	17 58	2 34	20 28	20 39	24 53		n.a.
S 23	13 25	12 14	5 9	21 32	2 10	7 13	3 33	4 42	0 18	6 17	1 46	23 0	0 30	8 32	0 30	23 39	0 8	17 58	2 34	20 29	20 39	24 51		n.a.
M24	13 4	17 14	5 14	21 10	2 12	7 39	3 39	4 59	0 19	6 19	1 47	23 0	0 30	8 31	0 30	23 39	0 8	17 58	2 34	20 29	20 40	24 50		n.a.
T 25	12 44	21 19	5 4	20 45	2 13	8 4	3 45	5 15	0 19	6 22	1 47	23 0	0 30	8 31	0 30	23 39	0 8	17 58	2 34	20 30	20 41	24 48		n.a.
W26	12 23	24 20	4 40	20 19	2 14	8 29	3 51	5 31	0 20	6 25	1 47	23 1	0 29	8 31	0 30	23 39	0 8	17 58	2 33	20 30	20 41	24 47		n.a.
T 27	12 3	26 11	4 4	19 51	2 14	8 53	3 58	5 47	0 20	6 28	1 47	23 1	0 29	8 30	0 30	23 39	0 8	17 58	2 33	20 30	20 42	24 45		n.a.
F 28	11s42	26s48	3s18	19s21	2s14	9n17	4n 4	6n 3	0n21	6n30	1n47	23s 1	0n29	8s30	0n30	23n39	0s 8	17n58	2s33	20s30	20s43	24s44		n.a.

Julian Day Number = 1340133.5, Delta T = 07h16m30s
Ecliptic obliquity = 23°49'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'12, Lahiri = -18°22'12 Julian Calendar 1 Feb. 1044 BCE == Greg. Calendar 22 Jan. 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

MARCH 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 18	0♓50'54	2♉52	14♒36	14♈37	14♈59	17°R45	21♐ 6	22°R41	3°R 7	29♉58	29♉56	28♉49	12♉16	n.a.	S 1
S 2	9 59 15	1°49'42	14°39	16°22	15°22	15°38	17♍38	21°10	22♎40	3♋ 6	29°58	29°58	28°46	12°22	n.a.	S 2
M 3	10 3 11	2°48'28	26°28	18° 9	16° 5	16°17	17°31	21°14	22°38	3° 5	29°58	29°R59	28°43	12°29	n.a.	M 3
T 4	10 7 8	3°47'12	8♒24	19°58	16°47	16°57	17°24	21°18	22°37	3° 4	29°59	29°58	28°40	12°36	n.a.	T 4
W 5	10 11 4	4°45'55	20°29	21°48	17°29	17°36	17°16	21°21	22°36	3° 4	29°59	29°56	28°36	12°42	n.a.	W 5
T 6	10 15 1	5°44'35	2♓46	23°40	18° 9	18°15	17° 9	21°25	22°34	3° 3	29°59	29°53	28°33	12°49	n.a.	T 6
F 7	10 18 57	6°43'13	15°15	25°34	18°48	18°55	17° 2	21°28	22°33	3° 3	29°59	29°48	28°30	12°56	n.a.	F 7
S 8	10 22 54	7°41'49	27°58	27°29	19°26	19°34	16°54	21°31	22°31	3° 2	29°59	29°41	28°27	13° 2	n.a.	S 8
S 9	10 26 50	8°40'22	10♈54	29°25	20° 2	20°13	16°47	21°35	22°30	3° 2	0♊ 0	29°35	28°24	13° 9	n.a.	S 9
M10	10 30 47	9°38'54	24° 4	1♓23	20°37	20°52	16°39	21°38	22°28	3° 1	0° 1	29°28	28°21	13°16	n.a.	M10
T 11	10 34 44	10°37'23	7♉26	3°22	21°11	21°32	16°32	21°41	22°27	3° 1	0° 1	29°23	28°17	13°22	n.a.	T 11
W12	10 38 40	11°35'50	21° 1	5°23	21°44	22°11	16°24	21°44	22°25	3° 0	0° 1	29°19	28°14	13°29	n.a.	W12
T 13	10 42 37	12°34'15	4♊49	7°25	22°15	22°50	16°16	21°47	22°23	3° 0	0° 2	29°17	28°11	13°36	n.a.	T 13
F 14	10 46 33	13°32'38	18°48	9°29	22°45	23°29	16° 9	21°49	22°22	3° 0	0° 2	29°D17	28° 8	13°42	n.a.	F 14
S 15	10 50 30	14°30'58	2♋59	11°33	23°13	24° 8	16° 1	21°52	22°20	2°59	0° 3	29°18	28° 5	13°49	n.a.	S 15
S 16	10 54 26	15°29'16	17°19	13°39	23°39	24°47	15°53	21°55	22°18	2°59	0° 3	29°19	28° 2	13°55	n.a.	S 16
M17	10 58 23	16°27'32	1♌47	15°46	24° 4	25°26	15°46	21°57	22°16	2°59	0° 4	29°R20	27°58	14° 2	n.a.	M17
T 18	11 2 19	17°25'46	16°19	17°53	24°27	26° 5	15°38	22° 0	22°15	2°59	0° 5	29°19	27°55	14° 9	n.a.	T 18
W19	11 6 16	18°23'57	0♍49	20° 1	24°48	26°44	15°30	22° 2	22°13	2°58	0° 5	29°15	27°52	14°15	n.a.	W19
T 20	11 10 13	19°22'07	15°13	22° 9	25° 7	27°23	15°23	22° 4	22°11	2°58	0° 6	29°10	27°49	14°22	n.a.	T 20
F 21	11 14 9	20°20'14	29°23	24°18	25°24	28° 2	15°15	22° 6	22° 9	2°58	0° 6	29° 2	27°46	14°29	n.a.	F 21
S 22	11 18 6	21°18'20	13♎15	26°26	25°40	28°41	15° 8	22° 8	22° 7	2°58	0° 7	28°54	27°42	14°35	n.a.	S 22
S 23	11 22 2	22°16'24	26°46	28°34	25°53	29°20	15° 0	22°10	22° 5	2°58	0° 8	28°45	27°39	14°42	n.a.	S 23
M24	11 25 59	23°14'26	9♏54	0♈42	26° 4	29°59	14°52	22°12	22° 3	2°D58	0° 8	28°37	27°36	14°49	n.a.	M24
T 25	11 29 55	24°12'27	22°39	2°48	26°13	0♉38	14°45	22°14	22° 1	2°58	0° 9	28°31	27°33	14°55	n.a.	T 25
W26	11 33 52	25°10'26	5♐ 3	4°53	26°20	1°17	14°37	22°16	21°58	2°58	0°10	28°27	27°30	15° 2	n.a.	W26
T 27	11 37 48	26° 8'24	17°11	6°56	26°24	1°56	14°30	22°17	21°56	2°58	0°11	28°25	27°27	15° 9	n.a.	T 27
F 28	11 41 45	27° 6'21	29° 7	8°58	26°R27	2°35	14°23	22°19	21°54	2°58	0°11	28°D24	27°23	15°15	n.a.	F 28
S 29	11 45 41	28° 4'16	10♉56	10°57	26°27	3°14	14°15	22°20	21°52	2°58	0°12	28°25	27°20	15°22	n.a.	S 29
S 30	11 49 38	29° 2'09	22°45	12°54	26°24	3°52	14° 8	22°22	21°50	2°58	0°13	28°R25	27°17	15°29	n.a.	S 30
M31	11 53 35	0♈ 0'01	4♒37	14♈48	26♈19	4♉31	14♍ 1	22♐23	21♎48	2♋59	0♊14	28♉25	27♉14	15♉35	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s21	26s11	2s23	18s50	2s13	9n41	4n10	6n20	0n22	6n33	1n47	23s 2	0n29	8s29	0n30	23n39	0s 8	17n58	2s33	20s29	20s43	24s43		n.a.
S 2	11 0	24 23	1 23	18 16	2 12	10 4	4 16	6 36	0 22	6 36	1 47	23 2	0 29	8 29	0 30	23 39	0 8	17 59	2 33	20 29	20 44	24 41		n.a.
M 3	10 38	21 30	0 19	17 41	2 10	10 27	4 22	6 51	0 23	6 39	1 47	23 2	0 29	8 28	0 31	23 39	0 8	17 59	2 33	20 29	20 45	24 40		n.a.
T 4	10 17	17 43	0n46	17 4	2 8	10 49	4 28	7 7	0 24	6 42	1 47	23 3	0 29	8 28	0 31	23 39	0 8	17 59	2 33	20 29	20 45	24 38		n.a.
W 5	9 55	13 9	1 50	16 26	2 5	11 11	4 34	7 23	0 24	6 45	1 48	23 3	0 29	8 27	0 31	23 39	0 8	17 59	2 33	20 29	20 46	24 37		n.a.
T 6	9 33	8 1	2 49	15 45	2 1	11 32	4 40	7 39	0 25	6 48	1 48	23 3	0 29	8 27	0 31	23 39	0 8	17 59	2 32	20 30	20 47	24 35		n.a.
F 7	9 11	2 30	3 42	15 3	1 58	11 52	4 46	7 55	0 25	6 51	1 48	23 3	0 29	8 26	0 31	23 39	0 8	18 0	2 32	20 31	20 47	24 34		n.a.
S 8	8 49	3n12	4 24	14 18	1 53	12 12	4 52	8 10	0 26	6 54	1 48	23 4	0 29	8 26	0 31	23 39	0 8	18 0	2 32	20 32	20 48	24 32		n.a.
S 9	8 27	8 52	4 54	13 32	1 48	12 32	4 58	8 26	0 27	6 57	1 48	23 4	0 29	8 25	0 31	23 39	0 8	18 0	2 32	20 34	20 49	24 31		n.a.
M10	8 4	14 14	5 9	12 45	1 43	12 51	5 3	8 41	0 27	7 0	1 48	23 4	0 29	8 25	0 31	23 39	0 8	18 0	2 32	20 35	20 49	24 29		n.a.
T 11	7 42	19 2	5 7	11 55	1 36	13 9	5 9	8 57	0 28	7 3	1 48	23 4	0 29	8 24	0 31	23 39	0 8	18 0	2 32	20 36	20 50	24 27		n.a.
W12	7 20	22 55	4 48	11 4	1 30	13 26	5 14	9 12	0 28	7 6	1 48	23 5	0 29	8 23	0 31	23 39	0 8	18 0	2 32	20 37	20 51	24 26		n.a.
T 13	6 57	25 34	4 13	10 12	1 23	13 43	5 19	9 28	0 29	7 9	1 48	23 5	0 29	8 23	0 31	23 39	0 8	18 1	2 32	20 37	20 51	24 24		n.a.
F 14	6 34	26 41	3 22	9 18	1 15	13 59	5 24	9 43	0 29	7 12	1 48	23 5	0 29	8 22	0 31	23 39	0 8	18 1	2 31	20 38	20 52	24 23		n.a.
S 15	6 11	26 5	2 18	8 22	1 7	14 14	5 29	9 58	0 30	7 15	1 48	23 5	0 29	8 21	0 31	23 39	0 8	18 1	2 31	20 37	20 53	24 21		n.a.
S 16	5 49	23 45	1 5	7 25	0 58	14 29	5 34	10 13	0 30	7 18	1 48	23 5	0 29	8 21	0 31	23 39	0 8	18 1	2 31	20 37	20 53	24 20		n.a.
M17	5 26	19 52	0s13	6 27	0 49	14 42	5 39	10 28	0 31	7 21	1 48	23 6	0 29	8 20	0 31	23 39	0 8	18 2	2 31	20 37	20 54	24 18		n.a.
T 18	5 3	14 46	1 30	5 28	0 40	14 55	5 43	10 43	0 32	7 24	1 48	23 6	0 29	8 19	0 31	23 39	0 8	18 2	2 31	20 37	20 54	24 17		n.a.
W19	4 40	8 51	2 42	4 28	0 30	15 7	5 47	10 58	0 32	7 27	1 48	23 6	0 29	8 18	0 31	23 39	0 8	18 2	2 31	20 38	20 55	24 15		n.a.
T 20	4 16	2 31	3 42	3 27	0 19	15 18	5 51	11 13	0 33	7 30	1 48	23 6	0 29	8 18	0 31	23 39	0 8	18 2	2 31	20 39	20 56	24 13		n.a.
F 21	3 53	3s49	4 27	2 26	0 9	15 28	5 55	11 27	0 33	7 33	1 48	23 6	0 29	8 17	0 31	23 39	0 8	18 3	2 31	20 41	20 56	24 12		n.a.
S 22	3 30	9 50	4 55	1 25	0n 2	15 37	5 58	11 42	0 34	7 36	1 48	23 6	0 29	8 16	0 31	23 39	0 8	18 3	2 31	20 42	20 57	24 10		n.a.
S 23	3 7	15 13	5 6	0 23	0 13	15 45	6 2	11 57	0 34	7 39	1 48	23 7	0 29	8 15	0 31	23 39	0 8	18 3	2 30	20 44	20 58	24 9		n.a.
M24	2 43	19 45	5 1	0n38	0 23	15 52	6 5	12 11	0 35	7 42	1 48	23 7	0 29	8 15	0 31	23 39	0 8	18 3	2 30	20 46	20 58	24 7		n.a.
T 25	2 20	23 14	4 40	1 39	0 34	15 57	6 7	12 25	0 35	7 45	1 48	23 7	0 29	8 14	0 31	23 39	0 8	18 4	2 30	20 47	20 59	24 5		n.a.
W26	1 57	25 31	4 7	2 40	0 45	16 2	6 9	12 40	0 36	7 48	1 48	23 7	0 29	8 13	0 31	23 39	0 8	18 4	2 30	20 48	21 0	24 4		n.a.
T 27	1 33	26 33	3 23	3 39	0 56	16 6	6 11	12 54	0 36	7 51	1 47	23 7	0 29	8 12	0 31	23 39	0 8	18 4	2 30	20 48	21 0	24 2		n.a.
F 28	1 10	26 20	2 31	4 37	1 6	16 8	6 13	13 8	0 37	7 53	1 47	23 7	0 28	8 11	0 31	23 39	0 8	18 4	2 30	20 49	21 1	24 1		n.a.
S 29	0 47	24 54	1 32	5 34	1 16	16 9	6 14	13 22	0 37	7 56	1 47	23 7	0 28	8 11	0 31	23 39	0 8	18 5	2 30	20 48	21 1	23 59		n.a.
S 30	0 23	22 22	0 30	6 30	1 26	16 8	6 14	13 36	0 38	7 59	1 47	23 7	0 28	8 10	0 31	23 39	0 8	18 5	2 30	20 48	21 2	23 57		n.a.
M31	0n 0	18s53	0n33	7n23	1n36	16n 7	6n15	13n50	0n38	8n 2	1n47	23s 8	0n28	8s 9	0n31	23n39	0s 8	18n 5	2s30	20s48	21s 3	23s56		n.a.

Julian Day Number = 1340161.5, Delta T = 07h16m29s
Ecliptic obliquity = 23°49'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'08, Lahiri = -18°22'08 Julian Calendar 1 March 1044 BCE == Greg. Calendar 19 Feb. 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

APRIL 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 31	0♈57'52	16♒37	16♈40	26°R12	5♉10	13°R54	22♐24	21°R45	2♋59	0♊15	28°R24	27♑11	15♑42	n.a.	T 1
W 2	12 1 28	1°55'41	28°51	18°29	26♈ 3	5°49	13♍47	22°25	21♎43	2°59	0°16	28♑20	27° 8	15°48	n.a.	W 2
T 3	12 5 24	2°53'28	11♓19	20°14	25°50	6°27	13°40	22°26	21°41	3° 0	0°16	28°13	27° 4	15°55	n.a.	T 3
F 4	12 9 21	3°51'14	24° 5	21°56	25°36	7° 6	13°33	22°27	21°38	3° 0	0°17	28° 4	27° 1	16° 2	n.a.	F 4
S 5	12 13 17	4°48'59	7♈ 8	23°35	25°19	7°45	13°26	22°27	21°36	3° 0	0°18	27°54	26°58	16° 8	n.a.	S 5
S 6	12 17 14	5°46'42	20°27	25°11	25° 0	8°24	13°20	22°28	21°34	3° 1	0°19	27°43	26°55	16°15	n.a.	S 6
M 7	12 21 10	6°44'24	4♉ 1	26°42	24°38	9° 2	13°13	22°28	21°31	3° 1	0°20	27°32	26°52	16°22	n.a.	M 7
T 8	12 25 7	7°42'04	17°46	28°11	24°15	9°41	13° 7	22°29	21°29	3° 2	0°21	27°22	26°48	16°28	n.a.	T 8
W 9	12 29 4	8°39'42	1♊40	29°36	23°49	10°20	13° 0	22°29	21°27	3° 2	0°22	27°15	26°45	16°35	n.a.	W 9
T 10	12 33 0	9°37'19	15°40	0♉57	23°21	10°58	12°54	22°29	21°24	3° 3	0°23	27°11	26°42	16°42	n.a.	T 10
F 11	12 36 57	10°34'54	29°44	2°14	22°51	11°37	12°48	22°30	21°22	3° 3	0°24	27° 9	26°39	16°48	n.a.	F 11
S 12	12 40 53	11°32'28	13♋50	3°28	22°20	12°15	12°42	22°R30	21°19	3° 4	0°25	27°D 9	26°36	16°55	n.a.	S 12
S 13	12 44 50	12°30'00	27°59	4°37	21°47	12°54	12°36	22°30	21°17	3° 4	0°26	27°R 9	26°33	17° 2	n.a.	S 13
M14	12 48 46	13°27'30	12♌ 8	5°43	21°12	13°33	12°30	22°29	21°14	3° 5	0°27	27° 8	26°29	17° 8	n.a.	M14
T 15	12 52 43	14°24'58	26°16	6°45	20°37	14°11	12°25	22°29	21°12	3° 6	0°29	27° 6	26°26	17°15	n.a.	T 15
W16	12 56 39	15°22'25	10♍21	7°43	20° 0	14°50	12°19	22°29	21° 9	3° 6	0°30	27° 1	26°23	17°22	n.a.	W16
T 17	13 0 36	16°19'51	24°19	8°37	19°23	15°28	12°14	22°28	21° 7	3° 7	0°31	26°53	26°20	17°28	n.a.	T 17
F 18	13 4 33	17°17'15	8♎ 7	9°26	18°45	16° 7	12° 9	22°28	21° 5	3° 8	0°32	26°42	26°17	17°35	n.a.	F 18
S 19	13 8 29	18°14'38	21°41	10°12	18° 7	16°45	12° 4	22°27	21° 2	3° 9	0°33	26°31	26°13	17°41	n.a.	S 19
S 20	13 12 26	19°12'00	4♏58	10°53	17°29	17°24	11°59	22°26	21° 0	3°10	0°34	26°18	26°10	17°48	n.a.	S 20
M21	13 16 22	20° 9'21	17°57	11°29	16°52	18° 2	11°54	22°26	20°57	3°11	0°36	26° 7	26° 7	17°55	n.a.	M21
T 22	13 20 19	21° 6'42	0♐36	12° 2	16°15	18°41	11°50	22°25	20°55	3°11	0°37	25°58	26° 4	18° 1	n.a.	T 22
W23	13 24 15	22° 4'01	12°58	12°30	15°38	19°19	11°45	22°24	20°52	3°12	0°38	25°50	26° 1	18° 8	n.a.	W23
T 24	13 28 12	23° 1'20	25° 5	12°53	15° 3	19°57	11°41	22°23	20°50	3°13	0°39	25°46	25°58	18°15	n.a.	T 24
F 25	13 32 8	23°58'37	7♑ 0	13°11	14°28	20°36	11°37	22°21	20°47	3°14	0°40	25°44	25°54	18°21	n.a.	F 25
S 26	13 36 5	24°55'54	18°50	13°25	13°56	21°14	11°33	22°20	20°45	3°15	0°42	25°43	25°51	18°28	n.a.	S 26
S 27	13 40 2	25°53'11	0♒39	13°35	13°24	21°53	11°29	22°19	20°42	3°16	0°43	25°43	25°48	18°35	n.a.	S 27
M28	13 43 58	26°50'27	12°32	13°40	12°55	22°31	11°25	22°17	20°40	3°18	0°44	25°42	25°45	18°41	n.a.	M28
T 29	13 47 55	27°47'42	24°36	13°R40	12°27	23° 9	11°22	22°16	20°37	3°19	0°46	25°40	25°42	18°48	n.a.	T 29
W30	13 51 51	28♈44'56	6♓54	13♉36	12♈ 1	23♉48	11♍19	22♐14	20♎35	3♋20	0♊47	25♑36	25♑39	18♑55	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n23	14s35	1n36	8n15	1n44	16n 4	6n14	14n 3	0n39	8n 4	1n47	23s 8	0n28	8s 8	0n31	23n39	0s 8	18n 6	2s29	20s49	21s 3	23s54		n.a.
W 2	0 47	9 39	2 35	9 5	1 53	15 59	6 13	14 17	0 39	8 7	1 47	23 8	0 28	8 7	0 31	23 39	0 8	18 6	2 29	20 50	21 4	23 52		n.a.
T 3	1 10	4 14	3 28	9 53	2 0	15 53	6 12	14 30	0 39	8 10	1 47	23 8	0 28	8 6	0 31	23 39	0 8	18 6	2 29	20 51	21 5	23 51		n.a.
F 4	1 33	1n27	4 12	10 39	2 7	15 46	6 10	14 44	0 40	8 12	1 47	23 8	0 28	8 5	0 31	23 39	0 8	18 6	2 29	20 53	21 5	23 49		n.a.
S 5	1 57	7 12	4 43	11 22	2 14	15 37	6 7	14 57	0 40	8 15	1 46	23 8	0 28	8 5	0 31	23 40	0 8	18 7	2 29	20 55	21 6	23 47		n.a.
S 6	2 20	12 44	5 0	12 3	2 19	15 27	6 4	15 10	0 41	8 17	1 46	23 8	0 28	8 4	0 31	23 40	0 8	18 7	2 29	20 57	21 7	23 46		n.a.
M 7	2 43	17 45	5 1	12 42	2 24	15 16	6 0	15 23	0 41	8 19	1 46	23 8	0 28	8 3	0 31	23 40	0 8	18 7	2 29	20 59	21 7	23 44		n.a.
T 8	3 6	21 56	4 44	13 18	2 29	15 2	5 56	15 36	0 42	8 22	1 46	23 8	0 28	8 2	0 31	23 40	0 8	18 8	2 29	21 1	21 8	23 42		n.a.
W 9	3 29	24 54	4 10	13 52	2 32	14 48	5 51	15 49	0 42	8 24	1 46	23 8	0 28	8 1	0 31	23 40	0 8	18 8	2 29	21 2	21 8	23 41		n.a.
T 10	3 52	26 22	3 21	14 24	2 34	14 32	5 45	16 2	0 43	8 26	1 46	23 8	0 28	8 0	0 31	23 40	0 8	18 8	2 28	21 3	21 9	23 39		n.a.
F 11	4 15	26 9	2 20	14 53	2 36	14 14	5 38	16 14	0 43	8 29	1 45	23 8	0 28	7 59	0 31	23 40	0 8	18 9	2 28	21 4	21 10	23 37		n.a.
S 12	4 38	24 15	1 10	15 19	2 37	13 56	5 31	16 27	0 43	8 31	1 45	23 8	0 28	7 58	0 31	23 40	0 8	18 9	2 28	21 4	21 10	23 35		n.a.
S 13	5 1	20 49	0s 4	15 44	2 37	13 36	5 23	16 39	0 44	8 33	1 45	23 8	0 28	7 57	0 31	23 40	0 8	18 9	2 28	21 4	21 11	23 34		n.a.
M14	5 24	16 10	1 19	16 5	2 36	13 15	5 15	16 51	0 44	8 35	1 45	23 8	0 28	7 56	0 31	23 40	0 8	18 10	2 28	21 4	21 11	23 32		n.a.
T 15	5 46	10 39	2 28	16 25	2 34	12 52	5 5	17 4	0 45	8 37	1 45	23 8	0 28	7 55	0 31	23 40	0 7	18 10	2 28	21 4	21 12	23 30		n.a.
W16	6 9	4 37	3 27	16 41	2 32	12 29	4 55	17 16	0 45	8 39	1 44	23 8	0 28	7 55	0 31	23 40	0 7	18 10	2 28	21 5	21 13	23 29		n.a.
T 17	6 31	1s35	4 14	16 56	2 28	12 5	4 45	17 27	0 45	8 41	1 44	23 9	0 28	7 54	0 31	23 40	0 7	18 11	2 28	21 7	21 13	23 27		n.a.
F 18	6 54	7 37	4 45	17 8	2 24	11 40	4 34	17 39	0 46	8 43	1 44	23 9	0 28	7 53	0 31	23 40	0 7	18 11	2 28	21 9	21 14	23 25		n.a.
S 19	7 16	13 12	5 0	17 17	2 18	11 15	4 22	17 51	0 46	8 44	1 44	23 9	0 28	7 52	0 31	23 40	0 7	18 11	2 28	21 11	21 15	23 23		n.a.
S 20	7 38	18 2	4 57	17 25	2 12	10 49	4 10	18 2	0 47	8 46	1 43	23 9	0 28	7 51	0 31	23 40	0 7	18 12	2 27	21 14	21 15	23 22		n.a.
M21	8 0	21 55	4 40	17 29	2 5	10 22	3 58	18 14	0 47	8 48	1 43	23 9	0 28	7 50	0 31	23 40	0 7	18 12	2 27	21 16	21 16	23 20		n.a.
T 22	8 22	24 39	4 8	17 32	1 56	9 56	3 45	18 25	0 47	8 49	1 43	23 9	0 28	7 49	0 31	23 40	0 7	18 12	2 27	21 18	21 16	23 18		n.a.
W23	8 44	26 7	3 26	17 32	1 47	9 29	3 31	18 36	0 48	8 51	1 43	23 8	0 27	7 48	0 31	23 40	0 7	18 13	2 27	21 19	21 17	23 16		n.a.
T 24	9 5	26 18	2 35	17 29	1 37	9 3	3 18	18 47	0 48	8 52	1 43	23 8	0 27	7 47	0 31	23 40	0 7	18 13	2 27	21 20	21 18	23 14		n.a.
F 25	9 27	25 15	1 37	17 25	1 26	8 37	3 4	18 58	0 49	8 53	1 42	23 8	0 27	7 46	0 31	23 39	0 7	18 13	2 27	21 20	21 18	23 13		n.a.
S 26	9 48	23 4	0 36	17 18	1 14	8 11	2 50	19 9	0 49	8 55	1 42	23 8	0 27	7 45	0 31	23 39	0 7	18 14	2 27	21 20	21 19	23 11		n.a.
S 27	10 9	19 54	0n26	17 9	1 2	7 46	2 36	19 19	0 49	8 56	1 42	23 8	0 27	7 44	0 31	23 39	0 7	18 14	2 27	21 20	21 19	23 9		n.a.
M28	10 30	15 54	1 28	16 57	0 48	7 21	2 22	19 29	0 50	8 57	1 42	23 8	0 27	7 43	0 31	23 39	0 7	18 14	2 27	21 20	21 20	23 7		n.a.
T 29	10 51	11 14	2 27	16 44	0 34	6 57	2 8	19 40	0 50	8 58	1 41	23 8	0 27	7 42	0 31	23 39	0 7	18 15	2 27	21 21	21 21	23 5		n.a.
W30	11n12	6s 2	3n20	16n28	0n19	6n34	1n54	19n50	0n50	8n59	1n41	23s 8	0n27	7s41	0n31	23n39	0s 7	18n15	2s27	21s22	21s21	23s 4		n.a.

Julian Day Number = 1340192.5, Delta T = 07h16m27s
Ecliptic obliquity = 23°49'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'04, Lahiri = -18°22'04 Julian Calendar 1 Apr. 1044 BCE == Greg. Calendar 22 March 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

MAY 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 55 48	29♈42'10	19♓30	13°R27	11°R38	24♉26	11°R15	22°R12	20°R32	3♋21	0♊48	25°R29	25♑35	19♑ 1	n.a.	T 1
F 2	13 59 44	0♉39'23	2♈28	13♉14	11♈16	25° 4	11♍12	22♐10	20♎30	3°22	0°50	25♑20	25°32	19° 8	n.a.	F 2
S 3	14 3 41	1°36'36	15°48	12°58	10°57	25°43	11°10	22° 8	20°27	3°23	0°51	25° 9	25°29	19°15	n.a.	S 3
S 4	14 7 37	2°33'48	29°28	12°37	10°40	26°21	11° 7	22° 6	20°25	3°25	0°52	24°57	25°26	19°21	n.a.	S 4
M 5	14 11 34	3°31'00	13♉25	12°14	10°26	26°59	11° 5	22° 4	20°23	3°26	0°54	24°46	25°23	19°28	n.a.	M 5
T 6	14 15 31	4°28'11	27°36	11°47	10°14	27°38	11° 2	22° 2	20°20	3°27	0°55	24°36	25°19	19°34	n.a.	T 6
W 7	14 19 27	5°25'21	11♊54	11°18	10° 4	28°16	11° 0	22° 0	20°18	3°29	0°56	24°28	25°16	19°41	n.a.	W 7
T 8	14 23 24	6°22'31	26°15	10°47	9°57	28°54	10°58	21°57	20°15	3°30	0°58	24°23	25°13	19°48	n.a.	T 8
F 9	14 27 20	7°19'40	10♋34	10°14	9°52	29°32	10°57	21°55	20°13	3°31	0°59	24°21	25°10	19°54	n.a.	F 9
S 10	14 31 17	8°16'48	24°49	9°40	9°50	0♊11	10°55	21°52	20°11	3°33	1° 1	24°D21	25° 7	20° 1	n.a.	S 10
S 11	14 35 13	9°13'55	8♌57	9° 6	9°D50	0°49	10°54	21°50	20° 8	3°34	1° 2	24°R21	25° 4	20° 8	n.a.	S 11
M12	14 39 10	10°11'01	22°58	8°32	9°52	1°27	10°53	21°47	20° 6	3°36	1° 4	24°20	25° 0	20°14	n.a.	M12
T 13	14 43 6	11° 8'07	6♍50	7°59	9°56	2° 5	10°52	21°44	20° 4	3°37	1° 5	24°18	24°57	20°21	n.a.	T 13
W14	14 47 3	12° 5'12	20°34	7°27	10° 3	2°44	10°51	21°42	20° 2	3°39	1° 7	24°13	24°54	20°28	n.a.	W14
T 15	14 51 0	13° 2'16	4♎ 9	6°57	10°11	3°22	10°50	21°39	19°59	3°40	1° 8	24° 6	24°51	20°34	n.a.	T 15
F 16	14 54 56	13°59'20	17°32	6°30	10°22	4° 0	10°50	21°36	19°57	3°42	1° 9	23°57	24°48	20°41	n.a.	F 16
S 17	14 58 53	14°56'24	0♏44	6° 5	10°35	4°38	10°49	21°33	19°55	3°43	1°11	23°46	24°44	20°48	n.a.	S 17
S 18	15 2 49	15°53'27	13°41	5°44	10°50	5°16	10°D49	21°30	19°53	3°45	1°12	23°34	24°41	20°54	n.a.	S 18
M19	15 6 46	16°50'31	26°24	5°26	11° 7	5°55	10°49	21°26	19°51	3°47	1°14	23°24	24°38	21° 1	n.a.	M19
T 20	15 10 42	17°47'34	8♐51	5°12	11°25	6°33	10°49	21°23	19°49	3°48	1°15	23°15	24°35	21° 8	n.a.	T 20
W21	15 14 39	18°44'37	21° 5	5° 2	11°46	7°11	10°50	21°20	19°47	3°50	1°17	23° 8	24°32	21°14	n.a.	W21
T 22	15 18 36	19°41'40	3♑ 7	4°57	12° 8	7°49	10°51	21°16	19°44	3°52	1°18	23° 4	24°29	21°21	n.a.	T 22
F 23	15 22 32	20°38'44	15° 1	4°D57	12°32	8°27	10°51	21°13	19°42	3°53	1°20	23° 2	24°25	21°27	n.a.	F 23
S 24	15 26 29	21°35'47	26°49	5° 2	12°58	9° 5	10°52	21° 9	19°40	3°55	1°21	23°D 1	24°22	21°34	n.a.	S 24
S 25	15 30 25	22°32'51	8♒38	5°11	13°25	9°44	10°53	21° 6	19°38	3°57	1°23	23° 2	24°19	21°41	n.a.	S 25
M26	15 34 22	23°29'55	20°31	5°25	13°54	10°22	10°55	21° 2	19°37	3°59	1°24	23°R 3	24°16	21°47	n.a.	M26
T 27	15 38 18	24°27'00	2♓34	5°44	14°24	11° 0	10°56	20°59	19°35	4° 0	1°26	23° 2	24°13	21°54	n.a.	T 27
W28	15 42 15	25°24'04	14°53	6° 8	14°56	11°38	10°58	20°55	19°33	4° 2	1°27	23° 0	24°10	22° 1	n.a.	W28
T 29	15 46 11	26°21'09	27°32	6°37	15°29	12°16	11° 0	20°51	19°31	4° 4	1°29	22°56	24° 6	22° 7	n.a.	T 29
F 30	15 50 8	27°18'15	10♈35	7°11	16° 3	12°54	11° 2	20°47	19°29	4° 6	1°30	22°50	24° 3	22°14	n.a.	F 30
S 31	15 54 5	28♉15'21	24♈ 3	7♉50	16♈39	13♊32	11♍ 4	20♐43	19♎27	4♋ 8	1♊32	22♑43	24♑ 0	22♑21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n33	0s29	4n 4	16n11	0n 3	6n12	1n40	20n 0	0n51	9n 0	1n41	23s 8	0n27	7s40	0n31	23n39	0s 7	18n15	2s26	21s23	21s22	23s 2			n.a.
F 2	11 53	5n14	4 38	15 52	0s13	5 51	1 27	20 10	0 51	9 1	1 40	23 8	0 27	7 40	0 31	23 39	0 7	18 16	2 26	21 25	21 22	23 0			n.a.
S 3	12 13	10 52	4 57	15 31	0 29	5 31	1 13	20 19	0 51	9 2	1 40	23 8	0 27	7 39	0 31	23 39	0 7	18 16	2 26	21 27	21 23	22 58			n.a.
S 4	12 33	16 7	5 0	15 9	0 46	5 12	1 0	20 29	0 52	9 3	1 40	23 8	0 27	7 38	0 31	23 39	0 7	18 17	2 26	21 29	21 24	22 56			n.a.
M 5	12 53	20 38	4 45	14 45	1 3	4 55	0 47	20 38	0 52	9 3	1 40	23 8	0 27	7 37	0 31	23 39	0 7	18 17	2 26	21 31	21 24	22 55			n.a.
T 6	13 13	24 2	4 13	14 21	1 20	4 38	0 34	20 48	0 52	9 4	1 39	23 8	0 27	7 36	0 31	23 39	0 7	18 17	2 26	21 33	21 25	22 53			n.a.
W 7	13 32	25 57	3 25	13 56	1 36	4 23	0 21	20 57	0 53	9 5	1 39	23 8	0 27	7 35	0 31	23 39	0 7	18 18	2 26	21 34	21 25	22 51			n.a.
T 8	13 52	26 9	2 23	13 31	1 53	4 9	0 9	21 6	0 53	9 5	1 39	23 8	0 27	7 34	0 31	23 39	0 7	18 18	2 26	21 35	21 26	22 49			n.a.
F 9	14 11	24 36	1 12	13 5	2 9	3 56	0s 3	21 15	0 53	9 5	1 38	23 8	0 27	7 33	0 30	23 39	0 7	18 18	2 26	21 35	21 26	22 47			n.a.
S 10	14 29	21 28	0s 3	12 40	2 24	3 44	0 14	21 23	0 54	9 6	1 38	23 7	0 27	7 32	0 30	23 39	0 7	18 19	2 26	21 35	21 27	22 45			n.a.
S 11	14 48	17 4	1 17	12 15	2 39	3 34	0 25	21 32	0 54	9 6	1 38	23 7	0 27	7 31	0 30	23 39	0 7	18 19	2 26	21 35	21 28	22 43			n.a.
M12	15 6	11 47	2 26	11 51	2 53	3 25	0 36	21 40	0 54	9 6	1 38	23 7	0 26	7 31	0 30	23 39	0 7	18 20	2 26	21 35	21 28	22 42			n.a.
T 13	15 24	5 58	3 25	11 28	3 6	3 17	0 46	21 48	0 55	9 6	1 37	23 7	0 26	7 30	0 30	23 39	0 7	18 20	2 25	21 36	21 29	22 40			n.a.
W14	15 42	0s 4	4 12	11 6	3 18	3 10	0 57	21 56	0 55	9 6	1 37	23 7	0 26	7 29	0 30	23 39	0 7	18 20	2 25	21 37	21 29	22 38			n.a.
T 15	16 0	6 1	4 44	10 46	3 28	3 5	1 6	22 4	0 55	9 6	1 37	23 7	0 26	7 28	0 30	23 39	0 7	18 21	2 25	21 38	21 30	22 36			n.a.
F 16	16 17	11 36	5 0	10 29	3 38	3 1	1 15	22 12	0 56	9 6	1 36	23 7	0 26	7 27	0 30	23 39	0 7	18 21	2 25	21 40	21 31	22 34			n.a.
S 17	16 35	16 35	5 0	10 13	3 46	2 58	1 24	22 19	0 56	9 6	1 36	23 7	0 26	7 26	0 30	23 39	0 7	18 21	2 25	21 42	21 31	22 32			n.a.
S 18	16 51	20 42	4 44	9 59	3 53	2 56	1 33	22 27	0 56	9 6	1 36	23 6	0 26	7 26	0 30	23 39	0 7	18 22	2 25	21 44	21 32	22 30			n.a.
M19	17 8	23 46	4 14	9 48	3 58	2 55	1 41	22 34	0 56	9 6	1 36	23 6	0 26	7 25	0 30	23 39	0 7	18 22	2 25	21 45	21 32	22 28			n.a.
T 20	17 24	25 38	3 33	9 40	4 2	2 55	1 49	22 41	0 57	9 5	1 35	23 6	0 26	7 24	0 30	23 39	0 7	18 22	2 25	21 47	21 33	22 26			n.a.
W21	17 40	26 12	2 42	9 34	4 5	2 57	1 56	22 48	0 57	9 5	1 35	23 6	0 26	7 23	0 30	23 39	0 7	18 23	2 25	21 48	21 33	22 24			n.a.
T 22	17 56	25 31	1 44	9 31	4 6	2 59	2 3	22 54	0 57	9 4	1 35	23 6	0 26	7 23	0 30	23 39	0 7	18 23	2 25	21 49	21 34	22 22			n.a.
F 23	18 12	23 40	0 43	9 31	4 6	3 2	2 10	23 1	0 58	9 4	1 34	23 6	0 26	7 22	0 30	23 39	0 7	18 24	2 25	21 49	21 35	22 21			n.a.
S 24	18 27	20 48	0n20	9 33	4 5	3 6	2 17	23 7	0 58	9 3	1 34	23 6	0 26	7 21	0 30	23 39	0 7	18 24	2 25	21 49	21 35	22 19			n.a.
S 25	18 42	17 4	1 23	9 38	4 3	3 11	2 23	23 13	0 58	9 2	1 34	23 5	0 26	7 20	0 30	23 39	0 7	18 24	2 25	21 49	21 36	22 17			n.a.
M26	18 57	12 39	2 22	9 46	4 0	3 17	2 29	23 19	0 58	9 2	1 33	23 5	0 26	7 20	0 30	23 39	0 7	18 25	2 25	21 49	21 36	22 15			n.a.
T 27	19 11	7 41	3 16	9 57	3 55	3 24	2 34	23 25	0 59	9 1	1 33	23 5	0 26	7 19	0 30	23 39	0 7	18 25	2 24	21 49	21 37	22 13			n.a.
W28	19 25	2 20	4 2	10 10	3 50	3 32	2 39	23 31	0 59	9 0	1 33	23 5	0 25	7 18	0 30	23 39	0 7	18 25	2 24	21 49	21 37	22 11			n.a.
T 29	19 39	3n14	4 37	10 25	3 44	3 40	2 44	23 36	0 59	8 59	1 33	23 5	0 25	7 17	0 30	23 39	0 7	18 26	2 24	21 50	21 38	22 9			n.a.
F 30	19 52	8 50	4 59	10 43	3 37	3 49	2 49	23 41	1 0	8 58	1 32	23 4	0 25	7 17	0 30	23 39	0 7	18 26	2 24	21 51	21 39	22 7			n.a.
S 31	20n 5	14n12	5n 6	11n 3	3s29	3n59	2s53	23n47	1n 0	8n57	1n32	23s 4	0n25	7s16	0n30	23n39	0s 7	18n27	2s24	21s52	21s39	22s 5			n.a.

Julian Day Number = 1340222.5, Delta T = 07h16m26s
Ecliptic obliquity = 23°49'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°29'00, Lahiri = -18°22'00 Julian Calendar 1 May 1044 BCE == Greg. Calendar 21 Apr. 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

JUNE 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 1	29♉12'28	7♉55	8♉34	17♈15	14♊10	11♍ 6	20°R39	19°R26	4♋10	1♊34	22°R34	23♂57	22♂27	n.a.	S 1
M 2	16 1 58	0♊ 9'35	22°10	9°23	17°53	14°49	11° 9	20♐35	19♎24	4°11	1°35	22♂26	23°54	22°34	n.a.	M 2
T 3	16 5 54	1° 6'42	6♊42	10°16	18°32	15°27	11°12	20°31	19°22	4°13	1°37	22°19	23°50	22°41	n.a.	T 3
W 4	16 9 51	2° 3'50	21°24	11°14	19°13	16° 5	11°14	20°27	19°21	4°15	1°38	22°14	23°47	22°47	n.a.	W 4
T 5	16 13 47	3° 0'58	6♋ 9	12°16	19°54	16°43	11°18	20°23	19°19	4°17	1°40	22°11	23°44	22°54	n.a.	T 5
F 6	16 17 44	3°58'06	20°49	13°24	20°36	17°21	11°21	20°19	19°18	4°19	1°41	22°D10	23°41	23° 1	n.a.	F 6
S 7	16 21 41	4°55'15	5♌21	14°35	21°19	17°59	11°24	20°15	19°16	4°21	1°43	22°10	23°38	23° 7	n.a.	S 7
S 8	16 25 37	5°52'24	19°39	15°51	22° 3	18°37	11°28	20°11	19°15	4°23	1°44	22°11	23°35	23°14	n.a.	S 8
M 9	16 29 34	6°49'33	3♍42	17°12	22°48	19°15	11°31	20° 6	19°13	4°25	1°46	22°R12	23°31	23°20	n.a.	M 9
T 10	16 33 30	7°46'42	17°30	18°36	23°33	19°54	11°35	20° 2	19°12	4°27	1°47	22°12	23°28	23°27	n.a.	T 10
W11	16 37 27	8°43'51	1♎ 2	20° 5	24°20	20°32	11°39	19°58	19°11	4°29	1°49	22° 9	23°25	23°34	n.a.	W11
T 12	16 41 23	9°41'01	14°20	21°38	25° 7	21°10	11°44	19°53	19° 9	4°31	1°50	22° 5	23°22	23°40	n.a.	T 12
F 13	16 45 20	10°38'11	27°24	23°14	25°55	21°48	11°48	19°49	19° 8	4°33	1°52	22° 0	23°19	23°47	n.a.	F 13
S 14	16 49 16	11°35'22	10♏14	24°55	26°44	22°26	11°53	19°45	19° 7	4°35	1°53	21°53	23°16	23°54	n.a.	S 14
S 15	16 53 13	12°32'33	22°51	26°39	27°34	23° 4	11°57	19°40	19° 6	4°38	1°55	21°47	23°12	24° 0	n.a.	S 15
M16	16 57 10	13°29'45	5♐16	28°26	28°24	23°42	12° 2	19°36	19° 5	4°40	1°56	21°40	23° 9	24° 7	n.a.	M16
T 17	17 1 6	14°26'58	17°30	0♊17	29°15	24°20	12° 7	19°31	19° 4	4°42	1°58	21°35	23° 6	24°14	n.a.	T 17
W18	17 5 3	15°24'12	29°34	2°10	0♉ 7	24°58	12°12	19°27	19° 3	4°44	1°59	21°31	23° 3	24°20	n.a.	W18
T 19	17 8 59	16°21'27	11♂30	4° 6	0°59	25°36	12°18	19°23	19° 2	4°46	2° 1	21°29	23° 0	24°27	n.a.	T 19
F 20	17 12 56	17°18'42	23°20	6° 5	1°52	26°15	12°23	19°18	19° 1	4°48	2° 2	21°D28	22°56	24°34	n.a.	F 20
S 21	17 16 52	18°15'59	5♒ 7	8° 5	2°45	26°53	12°29	19°14	19° 0	4°50	2° 4	21°29	22°53	24°40	n.a.	S 21
S 22	17 20 49	19°13'17	16°55	10° 7	3°39	27°31	12°34	19° 9	18°59	4°52	2° 5	21°31	22°50	24°47	n.a.	S 22
M23	17 24 46	20°10'36	28°48	12°10	4°34	28° 9	12°40	19° 5	18°58	4°55	2° 7	21°33	22°47	24°53	n.a.	M23
T 24	17 28 42	21° 7'56	10♓51	14°15	5°29	28°47	12°46	19° 0	18°57	4°57	2° 8	21°34	22°44	25° 0	n.a.	T 24
W25	17 32 39	22° 5'17	23° 9	16°20	6°24	29°25	12°53	18°56	18°57	4°59	2°10	21°R34	22°41	25° 7	n.a.	W25
T 26	17 36 35	23° 2'40	5♈46	18°25	7°20	0♋ 3	12°59	18°51	18°56	5° 1	2°11	21°34	22°37	25°13	n.a.	T 26
F 27	17 40 32	24° 0'05	18°47	20°30	8°17	0°41	13° 5	18°47	18°56	5° 3	2°13	21°32	22°34	25°20	n.a.	F 27
S 28	17 44 28	24°57'30	2♉14	22°35	9°14	1°20	13°12	18°43	18°55	5° 5	2°14	21°29	22°31	25°27	n.a.	S 28
S 29	17 48 25	25°54'57	16° 8	24°40	10°11	1°58	13°19	18°38	18°55	5° 8	2°16	21°25	22°28	25°33	n.a.	S 29
M30	17 52 21	26♊52'26	0♊28	26♊44	11♉ 9	2♋36	13♍26	18♐34	18♎54	5♋10	2♊17	21♂22	22♂25	25♂40	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n18	19n 1	4n55	11n26	3s20	4n10	2s57	23n51	1n 0	8n55	1n32	23s 4	0n25	7s16	0n30	23n38	0s 7	18n27	2s24	21s54	21s40	22s 3		n.a.
M 2	20 30	22 53	4 26	11 50	3 11	4 21	3 1	23 56	1 0	8 54	1 31	23 4	0 25	7 15	0 30	23 38	0 7	18 27	2 24	21 55	21 40	22 1		n.a.
T 3	20 43	25 23	3 40	12 17	3 1	4 33	3 4	24 1	1 1	8 53	1 31	23 4	0 25	7 14	0 30	23 38	0 7	18 28	2 24	21 56	21 41	21 59		n.a.
W 4	20 54	26 10	2 38	12 45	2 50	4 45	3 8	24 5	1 1	8 51	1 31	23 3	0 25	7 14	0 30	23 38	0 7	18 28	2 24	21 57	21 41	21 57		n.a.
T 5	21 6	25 6	1 25	13 14	2 39	4 58	3 11	24 9	1 1	8 50	1 30	23 3	0 25	7 13	0 30	23 38	0 7	18 28	2 24	21 58	21 42	21 55		n.a.
F 6	21 17	22 18	0 7	13 46	2 28	5 11	3 13	24 13	1 1	8 48	1 30	23 3	0 25	7 13	0 30	23 38	0 7	18 29	2 24	21 58	21 42	21 53		n.a.
S 7	21 27	18 6	1s11	14 19	2 16	5 25	3 16	24 17	1 1	8 47	1 30	23 3	0 25	7 12	0 30	23 38	0 7	18 29	2 24	21 58	21 43	21 51		n.a.
S 8	21 38	12 54	2 23	14 53	2 4	5 40	3 18	24 21	1 2	8 45	1 30	23 2	0 25	7 11	0 30	23 38	0 7	18 30	2 24	21 58	21 44	21 49		n.a.
M 9	21 48	7 7	3 26	15 28	1 51	5 54	3 20	24 24	1 2	8 43	1 29	23 2	0 25	7 11	0 30	23 38	0 7	18 30	2 24	21 58	21 44	21 47		n.a.
T 10	21 57	1 7	4 15	16 4	1 39	6 10	3 22	24 28	1 2	8 42	1 29	23 2	0 24	7 10	0 30	23 38	0 7	18 30	2 24	21 58	21 45	21 45		n.a.
W11	22 6	4s49	4 49	16 40	1 26	6 25	3 24	24 31	1 2	8 40	1 29	23 2	0 24	7 10	0 30	23 38	0 7	18 31	2 24	21 58	21 45	21 43		n.a.
T 12	22 15	10 26	5 7	17 17	1 13	6 42	3 25	24 34	1 3	8 38	1 28	23 1	0 24	7 10	0 30	23 38	0 7	18 31	2 24	21 59	21 46	21 41		n.a.
F 13	22 24	15 29	5 8	17 55	1 0	6 58	3 27	24 36	1 3	8 36	1 28	23 1	0 24	7 9	0 30	23 38	0 7	18 31	2 23	21 59	21 46	21 39		n.a.
S 14	22 32	19 45	4 54	18 32	0 47	7 15	3 28	24 39	1 3	8 34	1 28	23 1	0 24	7 9	0 30	23 38	0 7	18 32	2 23	22 1	21 47	21 37		n.a.
S 15	22 40	23 3	4 26	19 10	0 34	7 32	3 29	24 41	1 3	8 32	1 28	23 1	0 24	7 8	0 30	23 38	0 7	18 32	2 23	22 2	21 47	21 35		n.a.
M16	22 47	25 12	3 45	19 46	0 22	7 49	3 29	24 43	1 3	8 30	1 27	23 0	0 24	7 8	0 30	23 38	0 7	18 32	2 23	22 3	21 48	21 33		n.a.
T 17	22 54	26 7	2 55	20 23	0 10	8 7	3 30	24 45	1 4	8 28	1 27	23 0	0 24	7 7	0 30	23 38	0 7	18 33	2 23	22 4	21 48	21 31		n.a.
W18	23 0	25 46	1 57	20 58	0n 2	8 25	3 30	24 47	1 4	8 25	1 27	23 0	0 24	7 7	0 30	23 38	0 7	18 33	2 23	22 4	21 49	21 29		n.a.
T 19	23 6	24 13	0 54	21 32	0 14	8 43	3 30	24 49	1 4	8 23	1 26	23 0	0 24	7 7	0 29	23 37	0 6	18 33	2 23	22 4	21 50	21 27		n.a.
F 20	23 12	21 36	0n10	22 4	0 25	9 2	3 30	24 50	1 4	8 21	1 26	22 59	0 24	7 6	0 29	23 37	0 6	18 34	2 23	22 5	21 50	21 24		n.a.
S 21	23 18	18 6	1 14	22 35	0 35	9 20	3 30	24 51	1 4	8 18	1 26	22 59	0 24	7 6	0 29	23 37	0 6	18 34	2 23	22 4	21 51	21 22		n.a.
S 22	23 22	13 52	2 15	23 4	0 45	9 39	3 30	24 52	1 5	8 16	1 26	22 59	0 23	7 6	0 29	23 37	0 6	18 34	2 23	22 4	21 51	21 20		n.a.
M23	23 27	9 6	3 10	23 30	0 54	9 58	3 29	24 53	1 5	8 13	1 25	22 59	0 23	7 6	0 29	23 37	0 6	18 35	2 23	22 4	21 52	21 18		n.a.
T 24	23 31	3 56	3 58	23 55	1 3	10 17	3 29	24 54	1 5	8 11	1 25	22 58	0 23	7 5	0 29	23 37	0 6	18 35	2 23	22 4	21 52	21 16		n.a.
W25	23 35	1n28	4 37	24 17	1 11	10 36	3 28	24 54	1 5	8 8	1 25	22 58	0 23	7 5	0 29	23 37	0 6	18 35	2 23	22 4	21 53	21 14		n.a.
T 26	23 38	6 56	5 2	24 36	1 18	10 55	3 27	24 55	1 5	8 5	1 25	22 58	0 23	7 5	0 29	23 37	0 6	18 36	2 23	22 4	21 53	21 12		n.a.
F 27	23 41	12 18	5 14	24 52	1 24	11 15	3 26	24 55	1 6	8 2	1 24	22 57	0 23	7 5	0 29	23 37	0 6	18 36	2 23	22 4	21 54	21 10		n.a.
S 28	23 43	17 15	5 9	25 6	1 30	11 34	3 25	24 54	1 6	8 0	1 24	22 57	0 23	7 4	0 29	23 37	0 6	18 36	2 23	22 4	21 54	21 8		n.a.
S 29	23 45	21 28	4 46	25 17	1 35	11 53	3 23	24 54	1 6	7 57	1 24	22 57	0 23	7 4	0 29	23 37	0 6	18 37	2 23	22 5	21 55	21 6		n.a.
M30	23n47	24n33	4n 4	25n25	1n39	12n13	3s22	24n54	1n 6	7n54	1n23	22s57	0n23	7s 4	0n29	23n37	0s 6	18n37	2s23	22s 6	21s55	21s 4		n.a.

Julian Day Number = 1340253.5, Delta T = 07h16m24s
Ecliptic obliquity = 23°49'14, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'56, Lahiri = -18°21'55 Julian Calendar 1 June 1044 BCE == Greg. Calendar 22 May 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

JULY 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 18	27♊49'56	15♊ 9	28♊47	12♉ 7	3♋14	13♍33	18°R29	18°R54	5♋12	2♊18	21°R19	22♑22	25♑47	n.a.	T 1
W 2	18 0 15	28°47'27	0♋ 6	0♋50	13° 6	3°52	13°40	18♐25	18♎53	5°14	2°20	21♑17	22°18	25°53	n.a.	W 2
T 3	18 4 11	29°45'00	15° 9	2°51	14° 5	4°30	13°47	18°21	18°53	5°17	2°21	21°D16	22°15	26° 0	n.a.	T 3
F 4	18 8 8	0♋42'34	0♌10	4°51	15° 4	5° 9	13°54	18°16	18°53	5°19	2°23	21°16	22°12	26° 7	n.a.	F 4
S 5	18 12 4	1°40'09	15° 2	6°50	16° 4	5°47	14° 2	18°12	18°53	5°21	2°24	21°17	22° 9	26°13	n.a.	S 5
S 6	18 16 1	2°37'45	29°37	8°47	17° 4	6°25	14°10	18° 8	18°53	5°23	2°25	21°18	22° 6	26°20	n.a.	S 6
M 7	18 19 57	3°35'22	13♍51	10°43	18° 5	7° 3	14°17	18° 4	18°52	5°25	2°27	21°19	22° 2	26°27	n.a.	M 7
T 8	18 23 54	4°33'00	27°44	12°38	19° 6	7°41	14°25	17°59	18°D52	5°28	2°28	21°20	21°59	26°33	n.a.	T 8
W 9	18 27 50	5°30'40	11♎15	14°31	20° 7	8°20	14°33	17°55	18°52	5°30	2°29	21°R20	21°56	26°40	n.a.	W 9
T 10	18 31 47	6°28'20	24°25	16°23	21° 8	8°58	14°42	17°51	18°53	5°32	2°31	21°19	21°53	26°46	n.a.	T 10
F 11	18 35 44	7°26'02	7♏16	18°14	22°10	9°36	14°50	17°47	18°53	5°34	2°32	21°18	21°50	26°53	n.a.	F 11
S 12	18 39 40	8°23'45	19°52	20° 3	23°12	10°14	14°58	17°43	18°53	5°37	2°33	21°16	21°47	27° 0	n.a.	S 12
S 13	18 43 37	9°21'30	2♐13	21°51	24°15	10°53	15° 7	17°39	18°53	5°39	2°34	21°14	21°43	27° 6	n.a.	S 13
M14	18 47 33	10°19'16	14°24	23°37	25°17	11°31	15°15	17°35	18°53	5°41	2°36	21°13	21°40	27°13	n.a.	M14
T 15	18 51 30	11°17'04	26°25	25°22	26°20	12° 9	15°24	17°31	18°54	5°43	2°37	21°12	21°37	27°20	n.a.	T 15
W16	18 55 26	12°14'53	8♑20	27° 5	27°23	12°47	15°33	17°27	18°54	5°45	2°38	21°11	21°34	27°26	n.a.	W16
T 17	18 59 23	13°12'43	20°10	28°47	28°27	13°26	15°42	17°24	18°55	5°48	2°39	21°D11	21°31	27°33	n.a.	T 17
F 18	19 3 19	14°10'36	1♒58	0♌28	29°31	14° 4	15°51	17°20	18°55	5°50	2°41	21°11	21°28	27°40	n.a.	F 18
S 19	19 7 16	15° 8'30	13°46	2° 8	0♊35	14°42	16° 0	17°16	18°56	5°52	2°42	21°11	21°24	27°46	n.a.	S 19
S 20	19 11 13	16° 6'26	25°36	3°46	1°39	15°20	16°10	17°13	18°56	5°54	2°43	21°12	21°21	27°53	n.a.	S 20
M21	19 15 9	17° 4'24	7♓32	5°22	2°44	15°59	16°19	17° 9	18°57	5°57	2°44	21°12	21°18	28° 0	n.a.	M21
T 22	19 19 6	18° 2'23	19°38	6°58	3°48	16°37	16°28	17° 6	18°58	5°59	2°45	21°13	21°15	28° 6	n.a.	T 22
W23	19 23 2	19° 0'25	1♈56	8°32	4°53	17°15	16°38	17° 2	18°58	6° 1	2°47	21°13	21°12	28°13	n.a.	W23
T 24	19 26 59	19°58'29	14°32	10° 5	5°59	17°54	16°48	16°59	18°59	6° 3	2°48	21°13	21° 8	28°20	n.a.	T 24
F 25	19 30 55	20°56'35	27°28	11°36	7° 4	18°32	16°58	16°55	19° 0	6° 5	2°49	21°13	21° 5	28°26	n.a.	F 25
S 26	19 34 52	21°54'43	10♉48	13° 7	8°10	19°10	17° 7	16°52	19° 1	6° 7	2°50	21°13	21° 2	28°33	n.a.	S 26
S 27	19 38 48	22°52'53	24°34	14°35	9°16	19°49	17°17	16°49	19° 2	6°10	2°51	21°13	20°59	28°39	n.a.	S 27
M28	19 42 45	23°51'06	8♊47	16° 3	10°22	20°27	17°28	16°46	19° 3	6°12	2°52	21°13	20°56	28°46	n.a.	M28
T 29	19 46 42	24°49'20	23°24	17°29	11°28	21° 6	17°38	16°43	19° 4	6°14	2°53	21°14	20°53	28°53	n.a.	T 29
W30	19 50 38	25°47'37	8♋20	18°54	12°35	21°44	17°48	16°40	19° 5	6°16	2°54	21°14	20°49	28°59	n.a.	W30
T 31	19 54 35	26♋45'56	23♋29	20♌18	13♊42	22♋23	17♍58	16♐37	19♎ 6	6♋18	2♊55	21°R14	20♑46	29♑ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	26n 4	3n 6	25n31	1n42	12n32	3s20	24n53	1n 6	7n51	1n23	22s56	0n23	7s 4	0n29	23n37	0s 6	18n37	2s23	22s 6	21s56	21s 1		n.a.
W 2	23 49	25 43	1 54	25 34	1 45	12 52	3 19	24 52	1 6	7 48	1 23	22 56	0 22	7 4	0 29	23 37	0 6	18 38	2 23	22 6	21 56	20 59		n.a.
T 3	23 49	23 30	0 34	25 34	1 47	13 11	3 17	24 51	1 7	7 45	1 23	22 56	0 22	7 4	0 29	23 36	0 6	18 38	2 23	22 7	21 57	20 57		n.a.
F 4	23 49	19 38	0s49	25 32	1 48	13 30	3 15	24 50	1 7	7 42	1 22	22 55	0 22	7 4	0 29	23 36	0 6	18 38	2 23	22 7	21 57	20 55		n.a.
S 5	23 49	14 33	2 8	25 27	1 49	13 50	3 13	24 48	1 7	7 38	1 22	22 55	0 22	7 4	0 29	23 36	0 6	18 39	2 23	22 6	21 58	20 53		n.a.
S 6	23 48	8 44	3 16	25 20	1 49	14 9	3 11	24 47	1 7	7 35	1 22	22 55	0 22	7 4	0 29	23 36	0 6	18 39	2 23	22 6	21 59	20 51		n.a.
M 7	23 46	2 35	4 11	25 11	1 48	14 28	3 9	24 45	1 7	7 32	1 22	22 55	0 22	7 4	0 29	23 36	0 6	18 39	2 23	22 6	21 59	20 49		n.a.
T 8	23 44	3s31	4 50	24 59	1 47	14 47	3 7	24 43	1 7	7 29	1 21	22 54	0 22	7 4	0 29	23 36	0 6	18 39	2 23	22 6	22 0	20 47		n.a.
W 9	23 42	9 17	5 12	24 46	1 45	15 6	3 4	24 41	1 7	7 25	1 21	22 54	0 22	7 4	0 29	23 36	0 6	18 40	2 23	22 6	22 0	20 44		n.a.
T 10	23 40	14 29	5 16	24 30	1 43	15 25	3 2	24 38	1 8	7 22	1 21	22 54	0 22	7 4	0 29	23 36	0 6	18 40	2 22	22 6	22 1	20 42		n.a.
F 11	23 36	18 56	5 4	24 13	1 41	15 43	2 59	24 35	1 8	7 18	1 21	22 53	0 22	7 4	0 29	23 36	0 6	18 40	2 22	22 6	22 1	20 40		n.a.
S 12	23 33	22 26	4 38	23 54	1 37	16 1	2 56	24 33	1 8	7 15	1 21	22 53	0 21	7 4	0 29	23 36	0 6	18 41	2 22	22 6	22 2	20 38		n.a.
S 13	23 29	24 50	3 59	23 34	1 34	16 20	2 54	24 30	1 8	7 11	1 20	22 53	0 21	7 4	0 29	23 36	0 6	18 41	2 22	22 7	22 2	20 36		n.a.
M14	23 25	26 2	3 10	23 12	1 30	16 38	2 51	24 27	1 8	7 8	1 20	22 53	0 21	7 4	0 29	23 36	0 6	18 41	2 22	22 7	22 3	20 34		n.a.
T 15	23 20	25 59	2 13	22 48	1 26	16 55	2 48	24 23	1 8	7 4	1 20	22 52	0 21	7 4	0 29	23 35	0 6	18 41	2 22	22 7	22 3	20 31		n.a.
W16	23 15	24 44	1 11	22 24	1 21	17 13	2 45	24 20	1 8	7 0	1 20	22 52	0 21	7 5	0 29	23 35	0 6	18 42	2 22	22 7	22 4	20 29		n.a.
T 17	23 9	22 22	0 6	21 58	1 16	17 30	2 42	24 16	1 8	6 57	1 19	22 52	0 21	7 5	0 29	23 35	0 6	18 42	2 22	22 7	22 4	20 27		n.a.
F 18	23 3	19 4	1n 0	21 31	1 10	17 47	2 39	24 12	1 9	6 53	1 19	22 52	0 21	7 5	0 29	23 35	0 6	18 42	2 22	22 7	22 5	20 25		n.a.
S 19	22 57	15 0	2 2	21 3	1 5	18 4	2 36	24 8	1 9	6 49	1 19	22 51	0 21	7 5	0 28	23 35	0 6	18 42	2 22	22 7	22 5	20 23		n.a.
S 20	22 50	10 22	3 0	20 34	0 58	18 20	2 32	24 4	1 9	6 45	1 19	22 51	0 21	7 6	0 28	23 35	0 6	18 43	2 22	22 7	22 6	20 20		n.a.
M21	22 43	5 19	3 50	20 4	0 52	18 36	2 29	23 59	1 9	6 41	1 19	22 51	0 20	7 6	0 28	23 35	0 6	18 43	2 22	22 7	22 6	20 18		n.a.
T 22	22 35	0 1	4 31	19 34	0 46	18 52	2 26	23 55	1 9	6 37	1 18	22 51	0 20	7 6	0 28	23 35	0 6	18 43	2 22	22 7	22 7	20 16		n.a.
W23	22 27	5n22	5 0	19 2	0 39	19 7	2 22	23 50	1 9	6 33	1 18	22 50	0 20	7 6	0 28	23 35	0 6	18 43	2 22	22 7	22 7	20 14		n.a.
T 24	22 18	10 39	5 16	18 30	0 32	19 22	2 19	23 45	1 9	6 29	1 18	22 50	0 20	7 7	0 28	23 35	0 6	18 44	2 22	22 7	22 8	20 12		n.a.
F 25	22 10	15 38	5 16	17 58	0 24	19 37	2 16	23 40	1 9	6 25	1 18	22 50	0 20	7 7	0 28	23 35	0 6	18 44	2 22	22 7	22 8	20 9		n.a.
S 26	22 0	20 2	5 0	17 25	0 17	19 51	2 12	23 34	1 9	6 21	1 18	22 50	0 20	7 8	0 28	23 35	0 6	18 44	2 22	22 7	22 9	20 7		n.a.
S 27	21 51	23 30	4 26	16 52	0 9	20 5	2 8	23 29	1 10	6 17	1 17	22 50	0 20	7 8	0 28	23 34	0 6	18 44	2 22	22 7	22 9	20 5		n.a.
M28	21 41	25 39	3 35	16 18	0 1	20 18	2 5	23 23	1 10	6 13	1 17	22 49	0 20	7 8	0 28	23 34	0 6	18 45	2 22	22 7	22 10	20 3		n.a.
T 29	21 30	26 8	2 29	15 44	0s 7	20 31	2 1	23 17	1 10	6 8	1 17	22 49	0 20	7 9	0 28	23 34	0 6	18 45	2 22	22 7	22 10	20 0		n.a.
W30	21 19	24 44	1 11	15 10	0 15	20 44	1 57	23 11	1 10	6 4	1 17	22 49	0 19	7 9	0 28	23 34	0 6	18 45	2 22	22 7	22 11	19 58		n.a.
T 31	21n 8	21n32	0s13	14n35	0s23	20n56	1s54	23n 5	1n10	6n 0	1n17	22s49	0n19	7s10	0n28	23n34	0s 6	18n45	2s22	22s 7	22s11	19s56		n.a.

Julian Day Number = 1340283.5, Delta T = 07h16m23s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'52, Lahiri = -18°21'51 Julian Calendar 1 July 1044 BCE == Greg. Calendar 21 June 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

AUGUST 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 58 31	27♋44'17	8♌41	21♌40	14♊49	23♋ 1	18♍ 9	16°R34	19♎ 7	6♋20	2♊56	21°R14	20♑43	29♑13	n.a.	F 1
S 2	20 2 28	28°42'39	23°47	23° 0	15°56	23°39	18°19	16♐32	19° 9	6°22	2°57	21♑13	20°40	29°19	n.a.	S 2
S 3	20 6 24	29°41'04	8♍38	24°19	17° 3	24°18	18°30	16°29	19°10	6°24	2°58	21°12	20°37	29°26	n.a.	S 3
M 4	20 10 21	0♌39'30	23° 7	25°37	18°11	24°56	18°41	16°26	19°11	6°26	2°59	21°11	20°34	29°33	n.a.	M 4
T 5	20 14 17	1°37'58	7♎11	26°53	19°18	25°35	18°51	16°24	19°13	6°29	3° 0	21°10	20°30	29°39	n.a.	T 5
W 6	20 18 14	2°36'27	20°47	28° 7	20°26	26°13	19° 2	16°21	19°14	6°31	3° 1	21°10	20°27	29°46	n.a.	W 6
T 7	20 22 11	3°34'59	3♏58	29°20	21°34	26°52	19°13	16°19	19°16	6°33	3° 1	21°D 9	20°24	29°53	n.a.	T 7
F 8	20 26 7	4°33'32	16°46	0♍30	22°42	27°30	19°24	16°17	19°17	6°35	3° 2	21°10	20°21	29°59	n.a.	F 8
S 9	20 30 4	5°32'07	29°14	1°39	23°50	28° 9	19°35	16°15	19°19	6°37	3° 3	21°11	20°18	0♒ 6	n.a.	S 9
S 10	20 34 0	6°30'44	11♐27	2°46	24°59	28°48	19°47	16°13	19°20	6°39	3° 4	21°12	20°14	0°13	n.a.	S 10
M11	20 37 57	7°29'22	23°28	3°51	26° 8	29°26	19°58	16°11	19°22	6°41	3° 5	21°13	20°11	0°19	n.a.	M11
T 12	20 41 53	8°28'03	5♑22	4°53	27°16	0♌ 5	20° 9	16° 9	19°24	6°43	3° 5	21°14	20° 8	0°26	n.a.	T 12
W13	20 45 50	9°26'46	17°11	5°53	28°25	0°43	20°21	16° 7	19°26	6°45	3° 6	21°R15	20° 5	0°32	n.a.	W13
T 14	20 49 46	10°25'30	28°58	6°50	29°34	1°22	20°32	16° 5	19°28	6°46	3° 7	21°15	20° 2	0°39	n.a.	T 14
F 15	20 53 43	11°24'17	10♒47	7°44	0♋44	2° 0	20°44	16° 4	19°29	6°48	3° 8	21°14	19°59	0°46	n.a.	F 15
S 16	20 57 39	12°23'06	22°39	8°36	1°53	2°39	20°55	16° 2	19°31	6°50	3° 8	21°12	19°55	0°52	n.a.	S 16
S 17	21 1 36	13°21'57	4♓36	9°24	3° 3	3°18	21° 7	16° 1	19°33	6°52	3° 9	21° 8	19°52	0°59	n.a.	S 17
M18	21 5 33	14°20'50	16°40	10° 8	4°12	3°56	21°19	16° 0	19°35	6°54	3°10	21° 5	19°49	1° 6	n.a.	M18
T 19	21 9 29	15°19'45	28°53	10°49	5°22	4°35	21°30	15°58	19°37	6°56	3°10	21° 1	19°46	1°12	n.a.	T 19
W20	21 13 26	16°18'43	11♈18	11°26	6°32	5°14	21°42	15°57	19°40	6°58	3°11	20°57	19°43	1°19	n.a.	W20
T 21	21 17 22	17°17'43	23°57	11°58	7°42	5°53	21°54	15°56	19°42	6°59	3°11	20°54	19°40	1°26	n.a.	T 21
F 22	21 21 19	18°16'46	6♉53	12°25	8°53	6°31	22° 6	15°55	19°44	7° 1	3°12	20°52	19°36	1°32	n.a.	F 22
S 23	21 25 15	19°15'51	20° 7	12°47	10° 3	7°10	22°18	15°54	19°46	7° 3	3°12	20°D52	19°33	1°39	n.a.	S 23
S 24	21 29 12	20°14'59	3♊43	13° 3	11°13	7°49	22°30	15°54	19°48	7° 5	3°13	20°52	19°30	1°46	n.a.	S 24
M25	21 33 8	21°14'09	17°42	13°14	12°24	8°28	22°43	15°53	19°51	7° 7	3°13	20°54	19°27	1°52	n.a.	M25
T 26	21 37 5	22°13'22	2♋ 4	13°R17	13°35	9° 6	22°55	15°53	19°53	7° 8	3°14	20°55	19°24	1°59	n.a.	T 26
W27	21 41 2	23°12'37	16°47	13°14	14°46	9°45	23° 7	15°52	19°56	7°10	3°14	20°R56	19°20	2° 6	n.a.	W27
T 28	21 44 58	24°11'55	1♌45	13° 4	15°57	10°24	23°19	15°52	19°58	7°12	3°15	20°56	19°17	2°12	n.a.	T 28
F 29	21 48 55	25°11'15	16°51	12°45	17° 8	11° 3	23°32	15°52	20° 0	7°13	3°15	20°54	19°14	2°19	n.a.	F 29
S 30	21 52 51	26°10'36	1♍58	12°19	18°19	11°42	23°44	15°51	20° 3	7°15	3°15	20°50	19°11	2°26	n.a.	S 30
S 31	21 56 48	27♌10'01	16♍54	11♍45	19♋31	12♌21	23♍57	15°D51	20♎ 6	7♋16	3♊16	20♑45	19♑ 8	2♒32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	20n57	16n50	1s36	14n 1	0s31	21n 7	1s50	22n58	1n10	5n56	1n16	22s49	0n19	7s10	0n28	23n34	0s 6	18n45	2s22	22s 7	22s12	19s54		n.a.	
S 2	20 45	11 7	2 51	13 26	0 40	21 18	1 46	22 52	1 10	5 51	1 16	22 48	0 19	7 11	0 28	23 34	0 6	18 46	2 22	22 7	22 12	19 51		n.a.	
S 3	20 32	4 51	3 54	12 52	0 48	21 29	1 42	22 45	1 10	5 47	1 16	22 48	0 19	7 11	0 28	23 34	0 6	18 46	2 22	22 7	22 13	19 49		n.a.	
M 4	20 20	1s30	4 40	12 18	0 57	21 39	1 39	22 38	1 10	5 42	1 16	22 48	0 19	7 12	0 28	23 34	0 6	18 46	2 22	22 7	22 13	19 47		n.a.	
T 5	20 7	7 35	5 8	11 43	1 6	21 49	1 35	22 31	1 10	5 38	1 16	22 48	0 19	7 12	0 28	23 34	0 6	18 46	2 22	22 7	22 14	19 45		n.a.	
W 6	19 53	13 7	5 17	11 9	1 14	21 58	1 31	22 24	1 10	5 34	1 16	22 48	0 19	7 13	0 28	23 34	0 6	18 46	2 22	22 8	22 14	19 42		n.a.	
T 7	19 40	17 53	5 9	10 36	1 23	22 6	1 27	22 16	1 10	5 29	1 15	22 48	0 19	7 14	0 28	23 33	0 6	18 46	2 22	22 8	22 15	19 40		n.a.	
F 8	19 26	21 40	4 46	10 2	1 32	22 14	1 23	22 8	1 10	5 24	1 15	22 48	0 18	7 14	0 28	23 33	0 6	18 47	2 22	22 8	22 15	19 38		n.a.	
S 9	19 11	24 22	4 10	9 30	1 41	22 21	1 19	22 1	1 10	5 20	1 15	22 48	0 18	7 15	0 28	23 33	0 6	18 47	2 22	22 7	22 16	19 36		n.a.	
S 10	18 56	25 52	3 23	8 57	1 49	22 28	1 15	21 53	1 11	5 15	1 15	22 47	0 18	7 16	0 28	23 33	0 6	18 47	2 22	22 7	22 16	19 33		n.a.	
M11	18 41	26 7	2 28	8 26	1 58	22 34	1 11	21 45	1 11	5 11	1 15	22 47	0 18	7 16	0 28	23 33	0 6	18 47	2 22	22 7	22 17	19 31		n.a.	
T 12	18 26	25 9	1 27	7 55	2 7	22 40	1 7	21 36	1 11	5 6	1 15	22 47	0 18	7 17	0 28	23 33	0 6	18 47	2 22	22 7	22 17	19 29		n.a.	
W13	18 10	23 4	0 23	7 25	2 15	22 45	1 4	21 28	1 11	5 1	1 14	22 47	0 18	7 18	0 28	23 33	0 6	18 47	2 22	22 7	22 17	19 26		n.a.	
T 14	17 54	20 0	0n43	6 56	2 24	22 50	1 0	21 19	1 11	4 57	1 14	22 47	0 18	7 18	0 28	23 33	0 6	18 48	2 22	22 7	22 18	19 24		n.a.	
F 15	17 38	16 7	1 46	6 27	2 32	22 53	0 56	21 11	1 11	4 52	1 14	22 47	0 18	7 19	0 28	23 33	0 6	18 48	2 22	22 7	22 18	19 22		n.a.	
S 16	17 21	11 36	2 45	6 1	2 40	22 57	0 52	21 2	1 11	4 47	1 14	22 47	0 18	7 20	0 28	23 33	0 6	18 48	2 22	22 7	22 19	19 20		n.a.	
S 17	17 4	6 37	3 37	5 35	2 48	22 59	0 48	20 53	1 11	4 42	1 14	22 47	0 17	7 21	0 28	23 33	0 6	18 48	2 22	22 8	22 19	19 17		n.a.	
M18	16 47	1 22	4 20	5 11	2 55	23 1	0 44	20 43	1 11	4 37	1 14	22 47	0 17	7 22	0 28	23 32	0 6	18 48	2 22	22 8	22 20	19 15		n.a.	
T 19	16 30	3n59	4 51	4 49	3 2	23 2	0 40	20 34	1 11	4 32	1 13	22 47	0 17	7 22	0 27	23 32	0 6	18 48	2 22	22 9	22 20	19 13		n.a.	
W20	16 12	9 16	5 10	4 29	3 9	23 3	0 36	20 25	1 11	4 28	1 13	22 47	0 17	7 23	0 27	23 32	0 6	18 48	2 22	22 10	22 21	19 10		n.a.	
T 21	15 54	14 17	5 14	4 11	3 16	23 3	0 33	20 15	1 11	4 23	1 13	22 47	0 17	7 24	0 27	23 32	0 6	18 48	2 22	22 10	22 21	19 8		n.a.	
F 22	15 35	18 46	5 2	3 55	3 21	23 2	0 29	20 5	1 11	4 18	1 13	22 47	0 17	7 25	0 27	23 32	0 6	18 49	2 22	22 10	22 22	19 6		n.a.	
S 23	15 17	22 27	4 34	3 41	3 27	23 1	0 25	19 55	1 11	4 13	1 13	22 47	0 17	7 26	0 27	23 32	0 6	18 49	2 22	22 10	22 22	19 3		n.a.	
S 24	14 58	25 0	3 51	3 31	3 31	22 59	0 21	19 45	1 11	4 8	1 13	22 47	0 17	7 27	0 27	23 32	0 6	18 49	2 22	22 10	22 23	19 1		n.a.	
M25	14 39	26 6	2 52	3 23	3 35	22 56	0 18	19 35	1 11	4 3	1 13	22 47	0 17	7 28	0 27	23 32	0 6	18 49	2 22	22 10	22 23	18 59		n.a.	
T 26	14 19	25 30	1 42	3 19	3 38	22 53	0 14	19 24	1 11	3 58	1 13	22 47	0 16	7 29	0 27	23 32	0 6	18 49	2 22	22 10	22 24	18 56		n.a.	
W27	14 0	23 7	0 23	3 19	3 40	22 49	0 10	19 14	1 11	3 53	1 12	22 47	0 16	7 29	0 27	23 32	0 6	18 49	2 22	22 10	22 24	18 54		n.a.	
T 28	13 40	19 8	0s59	3 22	3 40	22 44	0 7	19 3	1 11	3 48	1 12	22 47	0 16	7 30	0 27	23 32	0 6	18 49	2 22	22 10	22 24	18 52		n.a.	
F 29	13 20	13 52	2 17	3 30	3 40	22 39	0 3	18 52	1 11	3 43	1 12	22 47	0 16	7 31	0 27	23 32	0 6	18 49	2 22	22 10	22 25	18 49		n.a.	
S 30	12 59	7 45	3 25	3 42	3 37	22 33	0n 0	18 41	1 11	3 38	1 12	22 47	0 16	7 32	0 27	23 31	0 6	18 49	2 22	22 11	22 25	18 47		n.a.	
S 31	12n39	1n17	4s19	3n59	3s34	22n26	0n 4	18n30	1n11	3n32	1n12	22s48	0n16	7s33	0n27	23n31	0s 6	18n49	2s22	22s11	22s26	18s45		n.a.	

Julian Day Number = 1340314.5, Delta T = 07h16m21s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'48, Lahiri = -18°21'47 Julian Calendar 1 Aug. 1044 BCE == Greg. Calendar 22 July 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

SEPTEMBER 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 0 44	28♌ 9'27	1♎31	11°R 3	20♋42	13♌ 0	24♍ 9	15♐51	20♎ 8	7♋18	3♊16	20°R39	19♉ 5	2♒39	n.a.	M 1
T 2	22 4 41	29° 8'55	15°44	10♍14	21°54	13°39	24°22	15°52	20°11	7°19	3°16	20♉34	19° 1	2°45	n.a.	T 2
W 3	22 8 37	0♍ 8'25	29°29	9°17	23° 5	14°18	24°34	15°52	20°13	7°21	3°17	20°29	18°58	2°52	n.a.	W 3
T 4	22 12 34	1° 7'57	12♏46	8°14	24°17	14°57	24°47	15°52	20°16	7°22	3°17	20°25	18°55	2°59	n.a.	T 4
F 5	22 16 30	2° 7'31	25°36	7° 6	25°29	15°36	25° 0	15°53	20°19	7°24	3°17	20°24	18°52	3° 5	n.a.	F 5
S 6	22 20 27	3° 7'07	8♐ 4	5°55	26°41	16°15	25°12	15°53	20°22	7°25	3°17	20°D24	18°49	3°12	n.a.	S 6
S 7	22 24 24	4° 6'45	20°15	4°42	27°53	16°54	25°25	15°54	20°25	7°27	3°17	20°25	18°46	3°19	n.a.	S 7
M 8	22 28 20	5° 6'24	2♉12	3°30	29° 5	17°33	25°38	15°55	20°27	7°28	3°18	20°26	18°42	3°25	n.a.	M 8
T 9	22 32 17	6° 6'06	14° 2	2°20	0♌18	18°12	25°51	15°56	20°30	7°30	3°18	20°27	18°39	3°32	n.a.	T 9
W10	22 36 13	7° 5'50	25°49	1°14	1°30	18°51	26° 4	15°57	20°33	7°31	3°18	20°R27	18°36	3°39	n.a.	W10
T 11	22 40 10	8° 5'35	7♒37	0°16	2°42	19°30	26°16	15°58	20°36	7°32	3°18	20°26	18°33	3°45	n.a.	T 11
F 12	22 44 6	9° 5'23	19°29	29♌25	3°55	20° 9	26°29	15°59	20°39	7°33	3°18	20°22	18°30	3°52	n.a.	F 12
S 13	22 48 3	10° 5'12	1♓28	28°44	5° 8	20°48	26°42	16° 0	20°42	7°35	3°R18	20°15	18°26	3°59	n.a.	S 13
S 14	22 51 59	11° 5'03	13°36	28°13	6°20	21°27	26°55	16° 1	20°45	7°36	3°18	20° 7	18°23	4° 5	n.a.	S 14
M15	22 55 56	12° 4'57	25°53	27°54	7°33	22° 7	27° 8	16° 3	20°48	7°37	3°18	19°58	18°20	4°12	n.a.	M15
T 16	22 59 52	13° 4'53	8♈22	27°D45	8°46	22°46	27°21	16° 4	20°51	7°38	3°18	19°47	18°17	4°19	n.a.	T 16
W17	23 3 49	14° 4'50	21° 1	27°48	9°59	23°25	27°34	16° 6	20°55	7°39	3°18	19°38	18°14	4°25	n.a.	W17
T 18	23 7 46	15° 4'50	3♉52	28° 2	11°12	24° 4	27°48	16° 8	20°58	7°40	3°18	19°30	18°11	4°32	n.a.	T 18
F 19	23 11 42	16° 4'53	16°56	28°27	12°25	24°43	28° 1	16°10	21° 1	7°42	3°18	19°23	18° 7	4°39	n.a.	F 19
S 20	23 15 39	17° 4'58	0♊13	29° 1	13°39	25°23	28°14	16°12	21° 4	7°43	3°17	19°20	18° 4	4°45	n.a.	S 20
S 21	23 19 35	18° 5'05	13°46	29°44	14°52	26° 2	28°27	16°14	21° 7	7°44	3°17	19°D18	18° 1	4°52	n.a.	S 21
M22	23 23 32	19° 5'14	27°34	0♍34	16° 5	26°41	28°40	16°16	21°11	7°45	3°17	19°18	17°58	4°58	n.a.	M22
T 23	23 27 28	20° 5'26	11♋40	1°32	17°19	27°21	28°53	16°18	21°14	7°46	3°17	19°19	17°55	5° 5	n.a.	T 23
W24	23 31 25	21° 5'40	26° 2	2°36	18°32	28° 0	29° 7	16°21	21°17	7°46	3°17	19°R19	17°51	5°12	n.a.	W24
T 25	23 35 21	22° 5'56	10♌39	3°46	19°46	28°39	29°20	16°23	21°21	7°47	3°16	19°17	17°48	5°18	n.a.	T 25
F 26	23 39 18	23° 6'14	25°25	5° 0	21° 0	29°19	29°33	16°26	21°24	7°48	3°16	19°13	17°45	5°25	n.a.	F 26
S 27	23 43 15	24° 6'34	10♍15	6°18	22°13	29°58	29°46	16°28	21°27	7°49	3°16	19° 6	17°42	5°32	n.a.	S 27
S 28	23 47 11	25° 6'56	25° 0	7°40	23°27	0♍38	29°59	16°31	21°31	7°50	3°15	18°56	17°39	5°38	n.a.	S 28
M29	23 51 8	26° 7'20	9♎32	9° 5	24°41	1°17	0♎13	16°34	21°34	7°51	3°15	18°46	17°36	5°45	n.a.	M29
T 30	23 55 4	27♍ 7'46	23♎44	10♍32	25♌55	1♍57	0♎26	16♐37	21♎38	7♋51	3♊15	18♉35	17♉32	5♒52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n18	5s 6	4s54	4n20	3s28	22n19	0n 7	18n19	1n11	3n27	1n12	22s48	0n16	7s34	0n27	23n31	0s 6	18n49	2s22	22s12	22s26	18s42		n.a.
T 2	11 57	11 2	5 10	4 46	3 20	22 11	0 11	18 8	1 11	3 22	1 12	22 48	0 16	7 35	0 27	23 31	0 6	18 49	2 22	22 13	22 27	18 40		n.a.
W 3	11 36	16 14	5 7	5 16	3 11	22 3	0 14	17 56	1 11	3 17	1 12	22 48	0 16	7 37	0 27	23 31	0 6	18 50	2 22	22 14	22 27	18 37		n.a.
T 4	11 15	20 28	4 48	5 51	2 59	21 53	0 18	17 44	1 11	3 12	1 12	22 48	0 15	7 38	0 27	23 31	0 6	18 50	2 22	22 14	22 28	18 35		n.a.
F 5	10 53	23 35	4 14	6 29	2 46	21 43	0 21	17 33	1 11	3 7	1 11	22 48	0 15	7 39	0 27	23 31	0 6	18 50	2 22	22 15	22 28	18 33		n.a.
S 6	10 31	25 27	3 30	7 9	2 31	21 33	0 24	17 21	1 11	3 1	1 11	22 48	0 15	7 40	0 27	23 31	0 6	18 50	2 22	22 15	22 29	18 30		n.a.
S 7	10 9	26 3	2 37	7 52	2 14	21 22	0 27	17 9	1 11	2 56	1 11	22 49	0 15	7 41	0 27	23 31	0 6	18 50	2 22	22 15	22 29	18 28		n.a.
M 8	9 47	25 25	1 37	8 36	1 55	21 10	0 30	16 57	1 11	2 51	1 11	22 49	0 15	7 42	0 27	23 31	0 6	18 50	2 22	22 14	22 29	18 26		n.a.
T 9	9 25	23 39	0 35	9 19	1 36	20 57	0 33	16 44	1 11	2 46	1 11	22 49	0 15	7 43	0 27	23 31	0 6	18 50	2 22	22 14	22 30	18 23		n.a.
W10	9 3	20 51	0n29	10 2	1 15	20 44	0 36	16 32	1 11	2 40	1 11	22 49	0 15	7 44	0 27	23 31	0 6	18 50	2 22	22 14	22 30	18 21		n.a.
T 11	8 40	17 11	1 31	10 42	0 55	20 30	0 39	16 20	1 11	2 35	1 11	22 49	0 15	7 45	0 27	23 31	0 6	18 50	2 22	22 14	22 31	18 18		n.a.
F 12	8 17	12 50	2 30	11 19	0 35	20 16	0 42	16 7	1 11	2 30	1 11	22 50	0 15	7 47	0 27	23 31	0 6	18 50	2 22	22 15	22 31	18 16		n.a.
S 13	7 54	7 58	3 23	11 52	0 15	20 1	0 45	15 54	1 11	2 24	1 11	22 50	0 14	7 48	0 27	23 30	0 6	18 50	2 22	22 16	22 32	18 14		n.a.
S 14	7 31	2 46	4 6	12 21	0n 4	19 46	0 48	15 41	1 11	2 19	1 11	22 50	0 14	7 49	0 27	23 30	0 6	18 50	2 22	22 17	22 32	18 11		n.a.
M15	7 8	2n36	4 39	12 44	0 22	19 29	0 51	15 28	1 11	2 14	1 11	22 50	0 14	7 50	0 27	23 30	0 6	18 50	2 22	22 19	22 33	18 9		n.a.
T 16	6 45	7 56	5 0	13 3	0 39	19 13	0 53	15 15	1 11	2 8	1 10	22 51	0 14	7 51	0 27	23 30	0 5	18 50	2 22	22 20	22 33	18 6		n.a.
W17	6 22	13 2	5 5	13 16	0 54	18 55	0 56	15 2	1 11	2 3	1 10	22 51	0 14	7 53	0 27	23 30	0 5	18 50	2 22	22 22	22 33	18 4		n.a.
T 18	5 58	17 38	4 56	13 24	1 8	18 37	0 58	14 49	1 10	1 58	1 10	22 51	0 14	7 54	0 27	23 30	0 5	18 50	2 22	22 23	22 34	18 1		n.a.
F 19	5 35	21 29	4 31	13 27	1 20	18 19	1 1	14 36	1 10	1 52	1 10	22 52	0 14	7 55	0 27	23 30	0 5	18 50	2 22	22 24	22 34	17 59		n.a.
S 20	5 11	24 17	3 52	13 25	1 30	18 0	1 3	14 22	1 10	1 47	1 10	22 52	0 14	7 56	0 27	23 30	0 5	18 50	2 22	22 24	22 35	17 57		n.a.
S 21	4 47	25 46	2 58	13 18	1 40	17 41	1 6	14 8	1 10	1 42	1 10	22 52	0 14	7 57	0 27	23 30	0 5	18 50	2 22	22 24	22 35	17 54		n.a.
M22	4 23	25 41	1 54	13 7	1 47	17 21	1 8	13 55	1 10	1 36	1 10	22 53	0 13	7 59	0 27	23 30	0 5	18 50	2 22	22 24	22 36	17 52		n.a.
T 23	3 59	23 59	0 41	12 52	1 54	17 0	1 10	13 41	1 10	1 31	1 10	22 53	0 13	8 0	0 27	23 30	0 5	18 50	2 22	22 24	22 36	17 49		n.a.
W24	3 35	20 41	0s36	12 33	1 59	16 39	1 12	13 27	1 10	1 26	1 10	22 53	0 13	8 1	0 27	23 30	0 5	18 50	2 22	22 24	22 36	17 47		n.a.
T 25	3 11	16 4	1 51	12 11	2 2	16 17	1 14	13 13	1 10	1 20	1 10	22 54	0 13	8 3	0 27	23 30	0 5	18 50	2 22	22 24	22 37	17 44		n.a.
F 26	2 47	10 26	3 0	11 46	2 5	15 55	1 16	12 59	1 10	1 15	1 10	22 54	0 13	8 4	0 27	23 30	0 5	18 49	2 22	22 25	22 37	17 42		n.a.
S 27	2 23	4 12	3 57	11 18	2 7	15 33	1 18	12 45	1 10	1 9	1 10	22 54	0 13	8 5	0 27	23 30	0 5	18 49	2 22	22 26	22 38	17 40		n.a.
S 28	1 58	2s13	4 37	10 48	2 7	15 10	1 20	12 31	1 10	1 4	1 10	22 55	0 13	8 6	0 27	23 30	0 5	18 49	2 22	22 27	22 38	17 37		n.a.
M29	1 34	8 24	4 59	10 15	2 7	14 47	1 21	12 16	1 10	0 59	1 10	22 55	0 13	8 8	0 27	23 30	0 5	18 49	2 22	22 29	22 39	17 35		n.a.
T 30	1n10	14s 1	5s 1	9n41	2n 6	14n23	1n23	12n 2	1n 9	0n53	1n10	22s56	0n13	8s 9	0n26	23n30	0s 5	18n49	2s22	22s31	22s39	17s32		n.a.

Julian Day Number = 1340345.5, Delta T = 07h16m20s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'43, Lahiri = -18°21'43 Julian Calendar 1 Sept. 1044 BCE == Greg. Calendar 22 Aug. 1044 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

OCTOBER 1044 BCE (-1043) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 59 1	28♍ 8'13	7♏32	12♍ 1	27♌ 9	2♍36	0♎40	16♐40	21♎41	7♋52	3°R14	18°R25	17♑29	5♒58	n.a.	W 1
T 2	0 2 57	29° 8'43	20°52	13°32	28°23	3°16	0°53	16°43	21°45	7°53	3♊14	18♑16	17°26	6° 5	n.a.	T 2
F 3	0 6 54	0♎ 9'13	3♐46	15° 4	29°37	3°55	1° 6	16°46	21°48	7°53	3°13	18°11	17°23	6°12	n.a.	F 3
S 4	0 10 50	1° 9'46	16°17	16°37	0♍51	4°35	1°19	16°49	21°52	7°54	3°13	18° 8	17°20	6°18	n.a.	S 4
S 5	0 14 47	2°10'19	28°29	18°11	2° 6	5°14	1°33	16°53	21°55	7°54	3°12	18°D 7	17°17	6°25	n.a.	S 5
M 6	0 18 44	3°10'54	10♑27	19°46	3°20	5°54	1°46	16°56	21°59	7°55	3°12	18° 7	17°13	6°32	n.a.	M 6
T 7	0 22 40	4°11'31	22°16	21°21	4°34	6°34	1°59	17° 0	22° 2	7°55	3°11	18°R 7	17°10	6°38	n.a.	T 7
W 8	0 26 37	5°12'09	4♒ 4	22°56	5°49	7°13	2°13	17° 3	22° 6	7°56	3°11	18° 6	17° 7	6°45	n.a.	W 8
T 9	0 30 33	6°12'48	15°53	24°32	7° 3	7°53	2°26	17° 7	22°10	7°56	3°10	18° 3	17° 4	6°52	n.a.	T 9
F 10	0 34 30	7°13'29	27°49	26° 8	8°18	8°33	2°39	17°11	22°13	7°57	3°10	17°57	17° 1	6°58	n.a.	F 10
S 11	0 38 26	8°14'11	9♓56	27°44	9°32	9°12	2°53	17°15	22°17	7°57	3° 9	17°48	16°57	7° 5	n.a.	S 11
S 12	0 42 23	9°14'54	22°15	29°20	10°47	9°52	3° 6	17°19	22°20	7°57	3° 8	17°37	16°54	7°12	n.a.	S 12
M13	0 46 19	10°15'39	4♈48	0♎56	12° 1	10°32	3°19	17°23	22°24	7°58	3° 8	17°24	16°51	7°18	n.a.	M13
T 14	0 50 16	11°16'25	17°35	2°32	13°16	11°12	3°32	17°27	22°28	7°58	3° 7	17°10	16°48	7°25	n.a.	T 14
W15	0 54 12	12°17'13	0♉35	4° 7	14°30	11°51	3°46	17°31	22°31	7°58	3° 6	16°56	16°45	7°32	n.a.	W15
T 16	0 58 9	13°18'02	13°47	5°43	15°45	12°31	3°59	17°35	22°35	7°58	3° 5	16°44	16°42	7°38	n.a.	T 16
F 17	1 2 6	14°18'53	27°10	7°19	17° 0	13°11	4°12	17°40	22°39	7°58	3° 5	16°35	16°38	7°45	n.a.	F 17
S 18	1 6 2	15°19'45	10♊43	8°54	18°15	13°51	4°25	17°44	22°42	7°58	3° 4	16°29	16°35	7°51	n.a.	S 18
S 19	1 9 59	16°20'39	24°24	10°30	19°30	14°31	4°39	17°49	22°46	7°58	3° 3	16°26	16°32	7°58	n.a.	S 19
M20	1 13 55	17°21'35	8♋14	12° 5	20°44	15°11	4°52	17°53	22°50	7°59	3° 2	16°25	16°29	8° 5	n.a.	M20
T 21	1 17 52	18°22'32	22°13	13°40	21°59	15°51	5° 5	17°58	22°54	7°R59	3° 2	16°25	16°26	8°11	n.a.	T 21
W22	1 21 48	19°23'31	6♌20	15°15	23°14	16°31	5°18	18° 3	22°57	7°59	3° 1	16°25	16°22	8°18	n.a.	W22
T 23	1 25 45	20°24'31	20°36	16°50	24°29	17°11	5°31	18° 7	23° 1	7°58	3° 0	16°22	16°19	8°25	n.a.	T 23
F 24	1 29 42	21°25'33	4♍57	18°25	25°44	17°51	5°44	18°12	23° 5	7°58	2°59	16°17	16°16	8°31	n.a.	F 24
S 25	1 33 38	22°26'36	19°20	19°59	26°59	18°31	5°57	18°17	23° 8	7°58	2°58	16° 9	16°13	8°38	n.a.	S 25
S 26	1 37 35	23°27'40	3♎40	21°34	28°14	19°11	6°10	18°22	23°12	7°58	2°57	15°59	16°10	8°45	n.a.	S 26
M27	1 41 31	24°28'46	17°51	23° 8	29°29	19°51	6°23	18°27	23°16	7°58	2°56	15°46	16° 7	8°51	n.a.	M27
T 28	1 45 28	25°29'52	1♏48	24°43	0♎45	20°31	6°36	18°33	23°20	7°58	2°55	15°33	16° 3	8°58	n.a.	T 28
W29	1 49 24	26°30'59	15°25	26°17	2° 0	21°11	6°49	18°38	23°23	7°57	2°54	15°21	16° 0	9° 5	n.a.	W29
T 30	1 53 21	27°32'08	28°40	27°52	3°15	21°51	7° 2	18°43	23°27	7°57	2°53	15°12	15°57	9°11	n.a.	T 30
F 31	1 57 17	28♎33'17	11♐33	29♎26	4♎30	22♍31	7♎15	18♐49	23♎31	7♋57	2♊52	15♑ 4	15♑54	9♒18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	0n45	18s44	4s46	9n 5	2n 5	13n59	1n25	11n47	1n 9	0n48	1n10	22s56	0n13	8s10	0n26	23n30	0s 5	18n49	2s22	22s32	22s39	17s30			n.a.
T 2	0 21	22 21	4 16	8 27	2 3	13 34	1 26	11 33	1 9	0 42	1 10	22 56	0 12	8 12	0 26	23 30	0 5	18 49	2 22	22 33	22 40	17 27			n.a.
F 3	0s 4	24 43	3 33	7 49	2 0	13 9	1 28	11 18	1 9	0 37	1 9	22 57	0 12	8 13	0 26	23 30	0 5	18 49	2 22	22 34	22 40	17 25			n.a.
S 4	0 28	25 46	2 41	7 9	1 57	12 43	1 29	11 3	1 9	0 31	1 9	22 57	0 12	8 14	0 26	23 30	0 5	18 49	2 22	22 34	22 41	17 22			n.a.
S 5	0 53	25 31	1 42	6 28	1 53	12 18	1 30	10 48	1 9	0 26	1 9	22 58	0 12	8 16	0 26	23 30	0 5	18 49	2 22	22 34	22 41	17 20			n.a.
M 6	1 17	24 5	0 41	5 47	1 49	11 52	1 31	10 33	1 9	0 21	1 9	22 58	0 12	8 17	0 26	23 29	0 5	18 49	2 22	22 34	22 41	17 17			n.a.
T 7	1 41	21 35	0n22	5 5	1 44	11 25	1 32	10 18	1 9	0 15	1 9	22 59	0 12	8 19	0 26	23 29	0 5	18 49	2 22	22 34	22 42	17 15			n.a.
W 8	2 6	18 12	1 24	4 22	1 40	10 58	1 33	10 3	1 9	0 10	1 9	22 59	0 12	8 20	0 26	23 29	0 5	18 49	2 22	22 34	22 42	17 12			n.a.
T 9	2 30	14 5	2 22	3 39	1 34	10 31	1 34	9 48	1 8	0 4	1 9	22 59	0 12	8 21	0 26	23 29	0 5	18 48	2 22	22 35	22 43	17 10			n.a.
F 10	2 55	9 24	3 14	2 55	1 29	10 4	1 35	9 33	1 8	0s 1	1 9	23 0	0 12	8 23	0 26	23 29	0 5	18 48	2 22	22 36	22 43	17 7			n.a.
S 11	3 19	4 18	3 58	2 11	1 24	9 36	1 36	9 18	1 8	0 6	1 9	23 0	0 12	8 24	0 26	23 29	0 5	18 48	2 22	22 37	22 44	17 5			n.a.
S 12	3 43	1n 2	4 32	1 27	1 18	9 8	1 37	9 2	1 8	0 12	1 9	23 1	0 11	8 25	0 26	23 29	0 5	18 48	2 22	22 38	22 44	17 2			n.a.
M13	4 8	6 24	4 53	0 43	1 12	8 39	1 37	8 47	1 8	0 17	1 9	23 1	0 11	8 27	0 26	23 29	0 5	18 48	2 22	22 40	22 44	17 0			n.a.
T 14	4 32	11 37	5 0	0s 1	1 6	8 11	1 38	8 31	1 8	0 22	1 9	23 2	0 11	8 28	0 26	23 29	0 5	18 48	2 22	22 42	22 45	16 57			n.a.
W15	4 56	16 24	4 52	0 45	1 0	7 42	1 38	8 16	1 8	0 28	1 9	23 2	0 11	8 30	0 26	23 29	0 5	18 48	2 22	22 44	22 45	16 55			n.a.
T 16	5 20	20 29	4 28	1 30	0 53	7 13	1 39	8 0	1 7	0 33	1 9	23 3	0 11	8 31	0 26	23 29	0 5	18 48	2 22	22 45	22 46	16 52			n.a.
F 17	5 44	23 33	3 49	2 14	0 47	6 44	1 39	7 44	1 7	0 38	1 9	23 3	0 11	8 32	0 26	23 29	0 5	18 47	2 22	22 46	22 46	16 50			n.a.
S 18	6 8	25 19	2 57	2 58	0 40	6 14	1 39	7 29	1 7	0 44	1 9	23 4	0 11	8 34	0 26	23 29	0 5	18 47	2 22	22 47	22 46	16 47			n.a.
S 19	6 32	25 35	1 54	3 42	0 34	5 45	1 39	7 13	1 7	0 49	1 9	23 4	0 11	8 35	0 26	23 29	0 5	18 47	2 22	22 47	22 47	16 45			n.a.
M20	6 55	24 17	0 43	4 26	0 27	5 15	1 40	6 57	1 7	0 54	1 9	23 5	0 11	8 37	0 26	23 29	0 5	18 47	2 22	22 48	22 47	16 42			n.a.
T 21	7 19	21 27	0s31	5 9	0 21	4 45	1 40	6 41	1 6	1 0	1 9	23 5	0 11	8 38	0 26	23 29	0 5	18 47	2 22	22 48	22 48	16 40			n.a.
W22	7 42	17 19	1 43	5 53	0 14	4 15	1 39	6 25	1 6	1 5	1 9	23 6	0 10	8 39	0 26	23 29	0 5	18 47	2 22	22 48	22 48	16 37			n.a.
T 23	8 6	12 10	2 50	6 36	0 8	3 44	1 39	6 9	1 6	1 10	1 9	23 6	0 10	8 41	0 26	23 29	0 5	18 47	2 22	22 48	22 48	16 35			n.a.
F 24	8 29	6 20	3 46	7 19	0 1	3 14	1 39	5 53	1 6	1 15	1 9	23 7	0 10	8 42	0 26	23 29	0 5	18 46	2 21	22 49	22 49	16 32			n.a.
S 25	8 52	0 11	4 29	8 1	0s 5	2 43	1 39	5 37	1 6	1 21	1 9	23 8	0 10	8 44	0 26	23 29	0 5	18 46	2 21	22 50	22 49	16 30			n.a.
S 26	9 15	5s57	4 54	8 43	0 12	2 13	1 38	5 21	1 5	1 26	1 9	23 8	0 10	8 45	0 26	23 29	0 5	18 46	2 21	22 51	22 49	16 27			n.a.
M27	9 38	11 43	5 0	9 25	0 18	1 42	1 38	5 5	1 5	1 31	1 9	23 9	0 10	8 46	0 26	23 30	0 5	18 46	2 21	22 52	22 50	16 24			n.a.
T 28	10 1	16 47	4 49	10 6	0 25	1 11	1 37	4 49	1 5	1 36	1 9	23 9	0 10	8 48	0 26	23 30	0 5	18 46	2 21	22 54	22 50	16 22			n.a.
W29	10 23	20 52	4 21	10 47	0 31	0 40	1 37	4 32	1 5	1 42	1 9	23 10	0 10	8 49	0 26	23 30	0 5	18 46	2 21	22 55	22 51	16 19			n.a.
T 30	10 46	23 44	3 39	11 28	0 37	0 9	1 36	4 16	1 5	1 47	1 9	23 10	0 10	8 51	0 26	23 30	0 5	18 46	2 21	22 56	22 51	16 17			n.a.
F 31	11s 8	25s17	2s47	12s 7	0s44	0s22	1n35	4n 0	1n 4	1s52	1n 9	23s11	0n10	8s52	0n26	23n30	0s 5	18n45	2s21	22s57	22s51	16s14			n.a.

Julian Day Number = 1340375.5, Delta T = 07h16m18s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'39, Lahiri = -18°21'39 Julian Calendar 1 Oct. 1044 BCE == Greg. Calendar 21 Sept. 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

NOVEMBER 1044 BCE (-1043) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 14	29♎34'27	24♐ 4	1♏ 0	5♎45	23♍11	7♎28	18♐54	23♎34	7°R56	2°R51	15°R 0	15♉51	9♒25	n.a.	S 1
S 2	2 5 11	0♏35'37	6♉17	2°35	7° 0	23°52	7°41	19° 0	23°38	7♋56	2♊50	14♉58	15°48	9°31	n.a.	S 2
M 3	2 9 7	1°36'48	18°17	4° 9	8°16	24°32	7°54	19° 5	23°42	7°55	2°49	14°D58	15°44	9°38	n.a.	M 3
T 4	2 13 4	2°38'00	0♒ 8	5°44	9°31	25°12	8° 6	19°11	23°45	7°55	2°48	14°R58	15°41	9°45	n.a.	T 4
W 5	2 17 0	3°39'12	11°56	7°18	10°46	25°52	8°19	19°16	23°49	7°54	2°47	14°58	15°38	9°51	n.a.	W 5
T 6	2 20 57	4°40'24	23°46	8°53	12° 1	26°33	8°32	19°22	23°53	7°54	2°46	14°56	15°35	9°58	n.a.	T 6
F 7	2 24 53	5°41'36	5♓44	10°28	13°16	27°13	8°44	19°28	23°57	7°53	2°45	14°52	15°32	10° 5	n.a.	F 7
S 8	2 28 50	6°42'49	17°55	12° 3	14°32	27°53	8°57	19°34	24° 0	7°53	2°44	14°45	15°28	10°11	n.a.	S 8
S 9	2 32 46	7°44'03	0♈22	13°38	15°47	28°34	9° 9	19°40	24° 4	7°52	2°43	14°36	15°25	10°18	n.a.	S 9
M10	2 36 43	8°45'16	13° 6	15°13	17° 2	29°14	9°22	19°46	24° 7	7°51	2°42	14°24	15°22	10°25	n.a.	M10
T 11	2 40 40	9°46'30	26° 9	16°48	18°18	29°54	9°34	19°52	24°11	7°51	2°40	14°13	15°19	10°31	n.a.	T 11
W12	2 44 36	10°47'45	9♉31	18°23	19°33	0♎35	9°47	19°58	24°15	7°50	2°39	14° 1	15°16	10°38	n.a.	W12
T 13	2 48 33	11°49'00	23° 7	19°58	20°48	1°15	9°59	20° 4	24°18	7°49	2°38	13°51	15°13	10°45	n.a.	T 13
F 14	2 52 29	12°50'15	6♊56	21°34	22° 3	1°56	10°11	20°10	24°22	7°49	2°37	13°43	15° 9	10°51	n.a.	F 14
S 15	2 56 26	13°51'31	20°54	23°10	23°19	2°36	10°23	20°16	24°25	7°48	2°36	13°38	15° 6	10°58	n.a.	S 15
S 16	3 0 22	14°52'47	4♋58	24°45	24°34	3°16	10°36	20°22	24°29	7°47	2°35	13°36	15° 3	11° 5	n.a.	S 16
M17	3 4 19	15°54'04	19° 4	26°21	25°49	3°57	10°48	20°29	24°33	7°46	2°33	13°D36	15° 0	11°11	n.a.	M17
T 18	3 8 15	16°55'21	3♌11	27°57	27° 5	4°38	11° 0	20°35	24°36	7°45	2°32	13°37	14°57	11°18	n.a.	T 18
W19	3 12 12	17°56'39	17°18	29°32	28°20	5°18	11°12	20°41	24°40	7°44	2°31	13°R37	14°54	11°25	n.a.	W19
T 20	3 16 9	18°57'57	1♍23	1♐ 8	29°36	5°59	11°24	20°48	24°43	7°43	2°30	13°37	14°50	11°31	n.a.	T 20
F 21	3 20 5	19°59'16	15°25	2°44	0♏51	6°39	11°36	20°54	24°46	7°42	2°29	13°34	14°47	11°38	n.a.	F 21
S 22	3 24 2	21° 0'34	29°24	4°19	2° 6	7°20	11°47	21° 1	24°50	7°41	2°27	13°29	14°44	11°45	n.a.	S 22
S 23	3 27 58	22° 1'53	13♎16	5°54	3°22	8° 0	11°59	21° 7	24°53	7°40	2°26	13°21	14°41	11°51	n.a.	S 23
M24	3 31 55	23° 3'13	26°59	7°28	4°37	8°41	12°11	21°14	24°57	7°39	2°25	13°13	14°38	11°58	n.a.	M24
T 25	3 35 51	24° 4'32	10♏29	9° 2	5°52	9°22	12°22	21°21	25° 0	7°38	2°24	13° 3	14°34	12° 5	n.a.	T 25
W26	3 39 48	25° 5'51	23°45	10°35	7° 8	10° 3	12°34	21°27	25° 3	7°37	2°22	12°55	14°31	12°11	n.a.	W26
T 27	3 43 45	26° 7'10	6♐45	12° 7	8°23	10°43	12°45	21°34	25° 7	7°36	2°21	12°48	14°28	12°18	n.a.	T 27
F 28	3 47 41	27° 8'29	19°27	13°38	9°38	11°24	12°56	21°41	25°10	7°35	2°20	12°43	14°25	12°24	n.a.	F 28
S 29	3 51 38	28° 9'48	1♉52	15° 8	10°54	12° 5	13° 8	21°48	25°13	7°33	2°19	12°40	14°22	12°31	n.a.	S 29
S 30	3 55 34	29♏11'06	14♉ 3	16♐35	12♏ 9	12♎46	13♎19	21♐54	25♎17	7♋32	2♊17	12°D39	14♉19	12♒38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s30	25s30	1s49	12s47	0s50	0s53	1n35	3n43	1n 4	1s57	1n 9	23s11	0n10	8s53	0n26	23n30	0s 5	18n45	2s21	22s58	22s52	16s12		n.a.
S 2	11 52	24 26	0 46	13 26	0 55	1 24	1 34	3 27	1 4	2 2	1 9	23 12	0 9	8 55	0 26	23 30	0 5	18 45	2 21	22 58	22 52	16 9		n.a.
M 3	12 13	22 16	0n18	14 4	1 1	1 55	1 33	3 11	1 4	2 7	1 9	23 12	0 9	8 56	0 26	23 30	0 5	18 45	2 21	22 58	22 53	16 7		n.a.
T 4	12 35	19 9	1 20	14 41	1 7	2 25	1 32	2 54	1 3	2 12	1 9	23 13	0 9	8 58	0 26	23 30	0 5	18 45	2 21	22 58	22 53	16 4		n.a.
W 5	12 56	15 17	2 18	15 18	1 12	2 56	1 31	2 38	1 3	2 17	1 9	23 14	0 9	8 59	0 26	23 30	0 5	18 44	2 21	22 58	22 53	16 1		n.a.
T 6	13 17	10 49	3 11	15 55	1 18	3 27	1 30	2 21	1 3	2 22	1 9	23 14	0 9	9 0	0 26	23 30	0 5	18 44	2 21	22 58	22 54	15 59		n.a.
F 7	13 38	5 54	3 56	16 30	1 23	3 58	1 28	2 5	1 3	2 27	1 10	23 15	0 9	9 2	0 26	23 30	0 5	18 44	2 21	22 59	22 54	15 56		n.a.
S 8	13 58	0 42	4 31	17 5	1 28	4 29	1 27	1 48	1 2	2 32	1 10	23 15	0 9	9 3	0 26	23 30	0 5	18 44	2 21	22 59	22 54	15 54		n.a.
S 9	14 19	4n37	4 54	17 39	1 33	4 59	1 26	1 32	1 2	2 37	1 10	23 16	0 9	9 4	0 26	23 30	0 5	18 44	2 21	23 0	22 55	15 51		n.a.
M10	14 39	9 53	5 3	18 12	1 37	5 30	1 24	1 15	1 2	2 42	1 10	23 16	0 9	9 6	0 26	23 30	0 5	18 44	2 21	23 2	22 55	15 49		n.a.
T 11	14 58	14 50	4 56	18 45	1 42	6 0	1 23	0 59	1 2	2 47	1 10	23 17	0 9	9 7	0 26	23 30	0 5	18 43	2 21	23 3	22 55	15 46		n.a.
W12	15 18	19 12	4 34	19 16	1 46	6 31	1 22	0 42	1 1	2 52	1 10	23 17	0 9	9 9	0 26	23 30	0 5	18 43	2 21	23 4	22 56	15 43		n.a.
T 13	15 37	22 38	3 55	19 46	1 50	7 1	1 20	0 25	1 1	2 57	1 10	23 18	0 8	9 10	0 26	23 30	0 5	18 43	2 21	23 5	22 56	15 41		n.a.
F 14	15 56	24 49	3 3	20 16	1 53	7 31	1 18	0 9	1 1	3 2	1 10	23 19	0 8	9 11	0 26	23 30	0 5	18 43	2 21	23 6	22 57	15 38		n.a.
S 15	16 15	25 28	1 58	20 44	1 57	8 1	1 17	0s 8	1 0	3 7	1 10	23 19	0 8	9 13	0 26	23 30	0 5	18 43	2 21	23 7	22 57	15 36		n.a.
S 16	16 33	24 30	0 46	21 11	1 59	8 30	1 15	0 24	1 0	3 11	1 10	23 20	0 8	9 14	0 26	23 30	0 5	18 42	2 21	23 7	22 57	15 33		n.a.
M17	16 52	21 57	0s29	21 37	2 2	9 0	1 13	0 41	1 0	3 16	1 10	23 20	0 8	9 15	0 26	23 30	0 5	18 42	2 21	23 7	22 58	15 30		n.a.
T 18	17 9	18 5	1 43	22 2	2 4	9 29	1 12	0 58	0 59	3 21	1 10	23 21	0 8	9 17	0 26	23 30	0 5	18 42	2 21	23 7	22 58	15 28		n.a.
W19	17 27	13 12	2 50	22 26	2 6	9 58	1 10	1 14	0 59	3 25	1 10	23 21	0 8	9 18	0 26	23 31	0 5	18 42	2 21	23 7	22 58	15 25		n.a.
T 20	17 44	7 37	3 47	22 48	2 8	10 27	1 8	1 31	0 59	3 30	1 10	23 22	0 8	9 19	0 26	23 31	0 5	18 42	2 21	23 7	22 59	15 23		n.a.
F 21	18 1	1 41	4 31	23 8	2 9	10 56	1 6	1 47	0 58	3 35	1 10	23 22	0 8	9 20	0 26	23 31	0 5	18 41	2 21	23 7	22 59	15 20		n.a.
S 22	18 18	4s17	4 57	23 28	2 9	11 24	1 4	2 4	0 58	3 39	1 10	23 23	0 8	9 22	0 26	23 31	0 5	18 41	2 21	23 8	22 59	15 17		n.a.
S 23	18 34	10 0	5 6	23 45	2 9	11 52	1 2	2 21	0 58	3 44	1 10	23 23	0 8	9 23	0 26	23 31	0 5	18 41	2 20	23 8	23 0	15 15		n.a.
M24	18 50	15 10	4 58	24 1	2 9	12 20	1 0	2 37	0 57	3 48	1 11	23 24	0 8	9 24	0 26	23 31	0 5	18 41	2 20	23 9	23 0	15 12		n.a.
T 25	19 5	19 30	4 33	24 16	2 8	12 47	0 58	2 54	0 57	3 53	1 11	23 24	0 7	9 25	0 26	23 31	0 5	18 41	2 20	23 10	23 1	15 10		n.a.
W26	19 21	22 46	3 53	24 28	2 6	13 14	0 56	3 10	0 57	3 57	1 11	23 25	0 7	9 27	0 26	23 31	0 5	18 40	2 20	23 11	23 1	15 7		n.a.
T 27	19 35	24 46	3 2	24 39	2 4	13 41	0 53	3 27	0 56	4 2	1 11	23 26	0 7	9 28	0 26	23 31	0 5	18 40	2 20	23 12	23 1	15 4		n.a.
F 28	19 50	25 25	2 2	24 48	2 1	14 7	0 51	3 43	0 56	4 6	1 11	23 26	0 7	9 29	0 26	23 31	0 5	18 40	2 20	23 12	23 2	15 2		n.a.
S 29	20 4	24 47	0 58	24 55	1 57	14 33	0 49	4 0	0 55	4 11	1 11	23 27	0 7	9 30	0 26	23 31	0 5	18 40	2 20	23 12	23 2	14 59		n.a.
S 30	20s18	22s56	0n 8	25s 0	1s52	14s59	0n47	4s16	0n55	4s15	1n11	23s27	0n 7	9s32	0n26	23n31	0s 5	18n40	2s20	23s12	23s 2	14s56		n.a.

Julian Day Number = 1340406.5, Delta T = 07h16m16s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'35, Lahiri = -18°21'35 Julian Calendar 1 Nov. 1044 BCE == Greg. Calendar 22 Oct. 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1044 BCE
geocentric

DECEMBER 1044 BCE (-1043) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 59 31	0♐12'23	26♑ 2	18♐ 1	13♏24	13♎26	13♎30	22♐ 1	25♎20	7°R31	2°R16	12♑40	14♑15	12♒44	n.a.	M 1
T 2	4 3 27	1°13'40	7♒53	19°23	14°40	14° 7	13°41	22° 8	25°23	7♋30	2♊15	12°42	14°12	12°51	n.a.	T 2
W 3	4 7 24	2°14'56	19°41	20°43	15°55	14°48	13°52	22°15	25°26	7°28	2°14	12°43	14° 9	12°58	n.a.	W 3
T 4	4 11 20	3°16'12	1♓32	21°59	17°10	15°29	14° 3	22°22	25°29	7°27	2°12	12°R44	14° 6	13° 4	n.a.	T 4
F 5	4 15 17	4°17'26	13°30	23°10	18°26	16°10	14°14	22°29	25°33	7°26	2°11	12°44	14° 3	13°11	n.a.	F 5
S 6	4 19 14	5°18'40	25°40	24°16	19°41	16°50	14°24	22°36	25°36	7°24	2°10	12°42	14° 0	13°18	n.a.	S 6
S 7	4 23 10	6°19'53	8♈ 7	25°17	20°56	17°31	14°35	22°43	25°39	7°23	2° 9	12°38	13°56	13°24	n.a.	S 7
M 8	4 27 7	7°21'05	20°55	26°11	22°12	18°12	14°45	22°50	25°42	7°22	2° 7	12°33	13°53	13°31	n.a.	M 8
T 9	4 31 3	8°22'17	4♉ 5	26°57	23°27	18°53	14°56	22°57	25°45	7°20	2° 6	12°27	13°50	13°38	n.a.	T 9
W10	4 35 0	9°23'27	17°39	27°35	24°42	19°34	15° 6	23° 4	25°48	7°19	2° 5	12°21	13°47	13°44	n.a.	W10
T 11	4 38 56	10°24'37	1♊34	28° 4	25°57	20°15	15°16	23°11	25°51	7°17	2° 4	12°16	13°44	13°51	n.a.	T 11
F 12	4 42 53	11°25'46	15°46	28°22	27°13	20°56	15°26	23°18	25°53	7°16	2° 2	12°12	13°40	13°58	n.a.	F 12
S 13	4 46 50	12°26'54	0♋11	28°R30	28°28	21°37	15°36	23°25	25°56	7°14	2° 1	12°10	13°37	14° 4	n.a.	S 13
S 14	4 50 46	13°28'02	14°44	28°26	29°43	22°18	15°46	23°32	25°59	7°13	2° 0	12°D10	13°34	14°11	n.a.	S 14
M15	4 54 43	14°29'09	29°17	28°11	0♐58	22°59	15°56	23°39	26° 2	7°11	1°59	12°11	13°31	14°18	n.a.	M15
T 16	4 58 39	15°30'15	13♌46	27°44	2°14	23°40	16° 6	23°46	26° 5	7°10	1°57	12°12	13°28	14°24	n.a.	T 16
W17	5 2 36	16°31'20	28° 7	27° 6	3°29	24°21	16°15	23°53	26° 7	7° 8	1°56	12°14	13°25	14°31	n.a.	W17
T 18	5 6 32	17°32'24	12♍18	26°17	4°44	25° 3	16°25	24° 1	26°10	7° 7	1°55	12°R14	13°21	14°38	n.a.	T 18
F 19	5 10 29	18°33'28	26°16	25°20	5°59	25°44	16°34	24° 8	26°13	7° 5	1°54	12°14	13°18	14°44	n.a.	F 19
S 20	5 14 25	19°34'31	10♎ 1	24°15	7°15	26°25	16°43	24°15	26°15	7° 3	1°53	12°13	13°15	14°51	n.a.	S 20
S 21	5 18 22	20°35'34	23°33	23° 4	8°30	27° 6	16°52	24°22	26°18	7° 2	1°51	12°11	13°12	14°58	n.a.	S 21
M22	5 22 19	21°36'35	6♏51	21°50	9°45	27°47	17° 1	24°29	26°20	7° 0	1°50	12° 8	13° 9	15° 4	n.a.	M22
T 23	5 26 15	22°37'35	19°55	20°35	11° 0	28°28	17°10	24°36	26°23	6°59	1°49	12° 5	13° 6	15°11	n.a.	T 23
W24	5 30 12	23°38'35	2♐47	19°21	12°15	29°10	17°19	24°44	26°25	6°57	1°48	12° 2	13° 2	15°18	n.a.	W24
T 25	5 34 8	24°39'33	15°25	18°10	13°30	29°51	17°28	24°51	26°28	6°55	1°47	11°59	12°59	15°24	n.a.	T 25
F 26	5 38 5	25°40'31	27°51	17° 4	14°46	0♏32	17°36	24°58	26°30	6°54	1°46	11°58	12°56	15°31	n.a.	F 26
S 27	5 42 1	26°41'26	10♑ 5	16° 4	16° 1	1°13	17°45	25° 5	26°32	6°52	1°44	11°D57	12°53	15°38	n.a.	S 27
S 28	5 45 58	27°42'21	22° 8	15°10	17°16	1°55	17°53	25°12	26°35	6°50	1°43	11°58	12°50	15°45	n.a.	S 28
M29	5 49 55	28°43'14	4♒ 4	14°25	18°31	2°36	18° 1	25°20	26°37	6°49	1°42	11°59	12°46	15°51	n.a.	M29
T 30	5 53 51	29°44'05	15°54	13°48	19°46	3°17	18° 9	25°27	26°39	6°47	1°41	12° 0	12°43	15°58	n.a.	T 30
W31	5 57 48	0♑44'55	27♒43	13♐20	21♐ 1	3♏59	18♎17	25♐34	26♎41	6♋45	1♊40	12♑ 1	12♑40	16♒ 5	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20s31	20s 6	1n12	25s 3	1s47	15s24	0n45	4s33	0n55	4s19	1n11	23s28	0n 7	9s33	0n26	23n31	0s 5	18n40	2s20	23s12	23s 3	14s54			n.a.
T 2	20 44	16 27	2 13	25 3	1 40	15 49	0 42	4 49	0 54	4 24	1 11	23 28	0 7	9 34	0 26	23 32	0 5	18 39	2 20	23 12	23 3	14 51			n.a.
W 3	20 56	12 11	3 8	25 2	1 33	16 14	0 40	5 6	0 54	4 28	1 11	23 29	0 7	9 35	0 26	23 32	0 5	18 39	2 20	23 12	23 3	14 49			n.a.
T 4	21 9	7 27	3 55	24 59	1 25	16 38	0 38	5 22	0 53	4 32	1 11	23 29	0 7	9 36	0 26	23 32	0 5	18 39	2 20	23 12	23 4	14 46			n.a.
F 5	21 20	2 25	4 32	24 54	1 16	17 1	0 35	5 38	0 53	4 36	1 11	23 29	0 7	9 37	0 26	23 32	0 5	18 39	2 20	23 12	23 4	14 43			n.a.
S 6	21 32	2n48	4 58	24 47	1 5	17 24	0 33	5 55	0 53	4 40	1 12	23 30	0 7	9 39	0 26	23 32	0 5	18 39	2 20	23 12	23 4	14 41			n.a.
S 7	21 43	8 1	5 11	24 37	0 53	17 47	0 31	6 11	0 52	4 44	1 12	23 30	0 7	9 40	0 26	23 32	0 5	18 38	2 20	23 13	23 5	14 38			n.a.
M 8	21 53	13 2	5 8	24 27	0 41	18 9	0 28	6 27	0 52	4 48	1 12	23 31	0 6	9 41	0 26	23 32	0 5	18 38	2 20	23 13	23 5	14 35			n.a.
T 9	22 3	17 37	4 50	24 14	0 27	18 31	0 26	6 43	0 51	4 52	1 12	23 31	0 6	9 42	0 26	23 32	0 5	18 38	2 20	23 14	23 5	14 33			n.a.
W10	22 13	21 26	4 15	24 0	0 12	18 52	0 23	7 0	0 51	4 56	1 12	23 32	0 6	9 43	0 26	23 32	0 5	18 38	2 19	23 14	23 6	14 30			n.a.
T 11	22 22	24 8	3 24	23 44	0n 4	19 13	0 21	7 16	0 50	5 0	1 12	23 32	0 6	9 44	0 26	23 32	0 5	18 38	2 19	23 15	23 6	14 27			n.a.
F 12	22 31	25 22	2 20	23 27	0 21	19 33	0 18	7 32	0 50	5 4	1 12	23 33	0 6	9 45	0 26	23 32	0 5	18 37	2 19	23 15	23 6	14 25			n.a.
S 13	22 39	24 54	1 5	23 10	0 39	19 53	0 16	7 48	0 49	5 8	1 12	23 33	0 6	9 46	0 26	23 33	0 5	18 37	2 19	23 15	23 7	14 22			n.a.
S 14	22 47	22 45	0s14	22 51	0 58	20 12	0 13	8 4	0 49	5 11	1 12	23 34	0 6	9 47	0 26	23 33	0 5	18 37	2 19	23 15	23 7	14 19			n.a.
M15	22 54	19 7	1 33	22 32	1 17	20 30	0 11	8 20	0 48	5 15	1 13	23 34	0 6	9 48	0 26	23 33	0 5	18 37	2 19	23 15	23 7	14 17			n.a.
T 16	23 1	14 19	2 45	22 12	1 36	20 48	0 9	8 36	0 48	5 19	1 13	23 34	0 6	9 49	0 26	23 33	0 5	18 37	2 19	23 15	23 8	14 14			n.a.
W17	23 7	8 47	3 46	21 53	1 55	21 5	0 6	8 51	0 47	5 22	1 13	23 35	0 6	9 50	0 26	23 33	0 5	18 37	2 19	23 15	23 8	14 11			n.a.
T 18	23 14	2 51	4 33	21 33	2 13	21 22	0 4	9 7	0 47	5 26	1 13	23 35	0 6	9 51	0 26	23 33	0 5	18 36	2 19	23 15	23 8	14 9			n.a.
F 19	23 19	3s 7	5 3	21 14	2 30	21 38	0 1	9 23	0 46	5 29	1 13	23 36	0 6	9 52	0 26	23 33	0 5	18 36	2 19	23 15	23 9	14 6			n.a.
S 20	23 24	8 50	5 15	20 55	2 46	21 53	0s 1	9 38	0 46	5 33	1 13	23 36	0 6	9 53	0 26	23 33	0 4	18 36	2 19	23 15	23 9	14 3			n.a.
S 21	23 29	14 3	5 9	20 38	3 1	22 8	0 4	9 54	0 45	5 36	1 13	23 36	0 5	9 54	0 26	23 33	0 4	18 36	2 19	23 15	23 9	14 1			n.a.
M22	23 33	18 30	4 46	20 21	3 13	22 22	0 6	10 10	0 45	5 40	1 13	23 37	0 5	9 55	0 26	23 33	0 4	18 36	2 19	23 15	23 10	13 58			n.a.
T 23	23 37	21 59	4 9	20 6	3 23	22 35	0 9	10 25	0 44	5 43	1 14	23 37	0 5	9 56	0 26	23 34	0 4	18 36	2 18	23 16	23 10	13 55			n.a.
W24	23 40	24 19	3 20	19 53	3 30	22 48	0 11	10 40	0 44	5 46	1 14	23 38	0 5	9 57	0 26	23 34	0 4	18 35	2 18	23 16	23 10	13 53			n.a.
T 25	23 43	25 21	2 22	19 42	3 36	23 0	0 13	10 56	0 43	5 50	1 14	23 38	0 5	9 58	0 26	23 34	0 4	18 35	2 18	23 16	23 10	13 50			n.a.
F 26	23 45	25 5	1 17	19 33	3 39	23 12	0 16	11 11	0 42	5 53	1 14	23 38	0 5	9 58	0 26	23 34	0 4	18 35	2 18	23 16	23 11	13 47			n.a.
S 27	23 47	23 36	0 10	19 27	3 39	23 22	0 18	11 26	0 42	5 56	1 14	23 39	0 5	9 59	0 26	23 34	0 4	18 35	2 18	23 16	23 11	13 45			n.a.
S 28	23 48	21 3	0n56	19 23	3 38	23 32	0 20	11 41	0 41	5 59	1 14	23 39	0 5	10 0	0 26	23 34	0 4	18 35	2 18	23 16	23 11	13 42			n.a.
M29	23 49	17 37	2 0	19 21	3 34	23 41	0 23	11 56	0 41	6 2	1 14	23 39	0 5	10 1	0 26	23 34	0 4	18 35	2 18	23 16	23 12	13 39			n.a.
T 30	23 49	13 30	2 57	19 21	3 29	23 50	0 25	12 11	0 40	6 5	1 15	23 40	0 5	10 2	0 26	23 34	0 4	18 35	2 18	23 16	23 12	13 37			n.a.
W31	23s49	8s54	3n47	19s24	3n23	23s58	0s27	12s26	0n39	6s 8	1n15	23s40	0n 5	10s 2	0n26	23n34	0s 4	18n34	2s18	23s16	23s12	13s34			n.a.

Julian Day Number = 1340436.5, Delta T = 07h16m15s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'31, Lahiri = -18°21'31 Julian Calendar 1 Dec. 1044 BCE == Greg. Calendar 21 Nov. 1044 BCE

The year -1043 astronomical counting style corresponds to year 1044 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

JANUARY 1043 BCE (-1042) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 1 44	1♉45'43	9♓33	13°R 0	22♐16	4♏40	18♎25	25♐41	26♎43	6°R44	1°R39	12♉ 2	12♉37	16♒11	n.a.	T 1
F 2	6 5 41	2°46'29	21°30	12♐48	23°31	5°21	18°32	25°48	26°45	6♋42	1♊38	12° 3	12°34	16°18	n.a.	F 2
S 3	6 9 37	3°47'13	3♈37	12°D43	24°46	6° 3	18°40	25°55	26°47	6°40	1°37	12°R 3	12°31	16°25	n.a.	S 3
S 4	6 13 34	4°47'56	16° 1	12°46	26° 1	6°44	18°47	26° 3	26°49	6°39	1°36	12° 3	12°27	16°31	n.a.	S 4
M 5	6 17 30	5°48'37	28°45	12°56	27°16	7°25	18°54	26°10	26°51	6°37	1°35	12° 2	12°24	16°38	n.a.	M 5
T 6	6 21 27	6°49'16	11♉52	13°12	28°31	8° 7	19° 1	26°17	26°53	6°35	1°34	12° 2	12°21	16°45	n.a.	T 6
W 7	6 25 24	7°49'53	25°25	13°34	29°46	8°48	19° 8	26°24	26°55	6°34	1°33	12° 1	12°18	16°51	n.a.	W 7
T 8	6 29 20	8°50'28	9♊24	14° 2	1♉ 1	9°30	19°15	26°31	26°56	6°32	1°32	12° 1	12°15	16°58	n.a.	T 8
F 9	6 33 17	9°51'02	23°47	14°35	2°16	10°11	19°22	26°38	26°58	6°30	1°31	12° 0	12°12	17° 5	n.a.	F 9
S 10	6 37 13	10°51'34	8♋30	15°12	3°31	10°52	19°28	26°45	27° 0	6°29	1°30	12°D 0	12° 8	17°11	n.a.	S 10
S 11	6 41 10	11°52'04	23°25	15°54	4°46	11°34	19°34	26°52	27° 1	6°27	1°29	12°R 0	12° 5	17°18	n.a.	S 11
M12	6 45 6	12°52'32	8♌25	16°40	6° 1	12°15	19°40	26°59	27° 3	6°25	1°28	12° 0	12° 2	17°25	n.a.	M12
T 13	6 49 3	13°52'59	23°21	17°29	7°16	12°57	19°46	27° 6	27° 5	6°24	1°27	12° 0	11°59	17°31	n.a.	T 13
W14	6 52 59	14°53'24	8♍ 6	18°22	8°31	13°38	19°52	27°13	27° 6	6°22	1°26	12° 0	11°56	17°38	n.a.	W14
T 15	6 56 56	15°53'47	22°34	19°18	9°46	14°20	19°58	27°20	27° 7	6°20	1°25	12° 0	11°52	17°45	n.a.	T 15
F 16	7 0 53	16°54'09	6♎42	20°17	11° 1	15° 2	20° 4	27°27	27° 9	6°19	1°25	11°59	11°49	17°51	n.a.	F 16
S 17	7 4 49	17°54'29	20°27	21°18	12°16	15°43	20° 9	27°34	27°10	6°17	1°24	11°D59	11°46	17°58	n.a.	S 17
S 18	7 8 46	18°54'48	3♏52	22°22	13°30	16°25	20°14	27°41	27°11	6°15	1°23	12° 0	11°43	18° 5	n.a.	S 18
M19	7 12 42	19°55'05	16°56	23°28	14°45	17° 6	20°19	27°48	27°12	6°14	1°22	12° 0	11°40	18°11	n.a.	M19
T 20	7 16 39	20°55'20	29°43	24°36	16° 0	17°48	20°24	27°55	27°14	6°12	1°21	12° 1	11°37	18°18	n.a.	T 20
W21	7 20 35	21°55'34	12♐15	25°47	17°15	18°29	20°29	28° 1	27°15	6°10	1°21	12° 2	11°33	18°25	n.a.	W21
T 22	7 24 32	22°55'46	24°35	26°59	18°30	19°11	20°33	28° 8	27°16	6° 9	1°20	12° 3	11°30	18°31	n.a.	T 22
F 23	7 28 28	23°55'56	6♑45	28°13	19°45	19°53	20°38	28°15	27°17	6° 7	1°19	12°R 3	11°27	18°38	n.a.	F 23
S 24	7 32 25	24°56'05	18°46	29°29	20°59	20°34	20°42	28°22	27°18	6° 6	1°19	12° 3	11°24	18°45	n.a.	S 24
S 25	7 36 22	25°56'11	0♒42	0♑47	22°14	21°16	20°46	28°28	27°19	6° 4	1°18	12° 2	11°21	18°51	n.a.	S 25
M26	7 40 18	26°56'15	12°33	2° 6	23°29	21°58	20°50	28°35	27°19	6° 3	1°17	12° 1	11°18	18°58	n.a.	M26
T 27	7 44 15	27°56'17	24°22	3°26	24°44	22°39	20°53	28°41	27°20	6° 1	1°17	11°59	11°14	19° 5	n.a.	T 27
W28	7 48 11	28°56'17	6♓12	4°48	25°58	23°21	20°57	28°48	27°21	6° 0	1°16	11°56	11°11	19°11	n.a.	W28
T 29	7 52 8	29°56'14	18° 4	6°12	27°13	24° 3	21° 0	28°55	27°22	5°58	1°15	11°53	11° 8	19°18	n.a.	T 29
F 30	7 56 4	0♒56'10	0♈ 2	7°37	28°28	24°44	21° 3	29° 1	27°22	5°56	1°15	11°50	11° 5	19°25	n.a.	F 30
S 31	8 0 1	1♒56'03	12♈ 9	9♉ 3	29♉43	25♏26	21♎ 6	29♐ 7	27♎23	5♋55	1♊14	11♉48	11♉ 2	19♒31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s48	3 s59	4n28	19 s29	3n16	24 s 5	0 s30	12 s40	0n39	6 s11	1n15	23 s40	0n 5	10 s 3	0n26	23n34	0 s 4	18n34	2 s18	23 s16	23 s13	13 s31			n.a.
F 2	23 47	1n 7	4 57	19 36	3 7	24 11	0 32	12 55	0 38	6 13	1 15	23 41	0 5	10 4	0 26	23 35	0 4	18 34	2 18	23 16	23 13	13 28			n.a.
S 3	23 46	6 15	5 14	19 44	2 58	24 17	0 34	13 10	0 37	6 16	1 15	23 41	0 4	10 5	0 26	23 35	0 4	18 34	2 18	23 16	23 13	13 26			n.a.
S 4	23 44	11 15	5 17	19 54	2 48	24 22	0 36	13 24	0 37	6 19	1 15	23 41	0 4	10 5	0 26	23 35	0 4	18 34	2 17	23 16	23 14	13 23			n.a.
M 5	23 41	15 55	5 4	20 6	2 38	24 26	0 38	13 38	0 36	6 21	1 16	23 42	0 4	10 6	0 26	23 35	0 4	18 34	2 17	23 16	23 14	13 20			n.a.
T 6	23 38	20 0	4 36	20 18	2 28	24 29	0 40	13 53	0 35	6 24	1 16	23 42	0 4	10 7	0 27	23 35	0 4	18 34	2 17	23 16	23 14	13 18			n.a.
W 7	23 35	23 9	3 51	20 32	2 17	24 32	0 42	14 7	0 35	6 26	1 16	23 42	0 4	10 7	0 27	23 35	0 4	18 34	2 17	23 16	23 14	13 15			n.a.
T 8	23 31	25 2	2 52	20 46	2 6	24 33	0 44	14 21	0 34	6 29	1 16	23 42	0 4	10 8	0 27	23 35	0 4	18 33	2 17	23 16	23 15	13 12			n.a.
F 9	23 27	25 20	1 40	21 1	1 55	24 34	0 46	14 35	0 33	6 31	1 16	23 43	0 4	10 9	0 27	23 35	0 4	18 33	2 17	23 16	23 15	13 9			n.a.
S 10	23 22	23 52	0 20	21 16	1 44	24 35	0 48	14 49	0 33	6 34	1 16	23 43	0 4	10 9	0 27	23 35	0 4	18 33	2 17	23 16	23 15	13 7			n.a.
S 11	23 17	20 43	1 s 3	21 31	1 33	24 34	0 50	15 2	0 32	6 36	1 16	23 43	0 4	10 10	0 27	23 35	0 4	18 33	2 17	23 16	23 16	13 4			n.a.
M12	23 11	16 10	2 22	21 47	1 22	24 33	0 52	15 16	0 31	6 38	1 17	23 43	0 4	10 10	0 27	23 35	0 4	18 33	2 17	23 16	23 16	13 1			n.a.
T 13	23 5	10 39	3 30	22 2	1 11	24 31	0 54	15 29	0 30	6 40	1 17	23 44	0 4	10 11	0 27	23 36	0 4	18 33	2 17	23 16	23 16	12 59			n.a.
W14	22 58	4 35	4 24	22 18	1 1	24 28	0 56	15 43	0 30	6 42	1 17	23 44	0 4	10 11	0 27	23 36	0 4	18 33	2 16	23 16	23 16	12 56			n.a.
T 15	22 51	1 s35	5 0	22 33	0 50	24 25	0 58	15 56	0 29	6 44	1 17	23 44	0 4	10 12	0 27	23 36	0 4	18 33	2 16	23 16	23 17	12 53			n.a.
F 16	22 44	7 31	5 16	22 48	0 40	24 20	0 59	16 9	0 28	6 46	1 17	23 44	0 3	10 12	0 27	23 36	0 4	18 33	2 16	23 16	23 17	12 50			n.a.
S 17	22 36	12 57	5 14	23 2	0 30	24 15	1 1	16 22	0 27	6 48	1 18	23 44	0 3	10 13	0 27	23 36	0 4	18 33	2 16	23 16	23 17	12 48			n.a.
S 18	22 28	17 37	4 55	23 16	0 20	24 9	1 2	16 35	0 26	6 50	1 18	23 45	0 3	10 13	0 27	23 36	0 4	18 33	2 16	23 16	23 18	12 45			n.a.
M19	22 19	21 19	4 21	23 29	0 10	24 3	1 4	16 48	0 26	6 52	1 18	23 45	0 3	10 14	0 27	23 36	0 4	18 33	2 16	23 16	23 18	12 42			n.a.
T 20	22 10	23 53	3 34	23 41	0 1	23 56	1 6	17 1	0 25	6 53	1 18	23 45	0 3	10 14	0 27	23 36	0 4	18 33	2 16	23 16	23 18	12 39			n.a.
W21	22 0	25 14	2 38	23 53	0 s 8	23 48	1 7	17 13	0 24	6 55	1 18	23 45	0 3	10 14	0 27	23 36	0 4	18 32	2 16	23 16	23 18	12 37			n.a.
T 22	21 50	25 18	1 35	24 4	0 17	23 39	1 8	17 26	0 23	6 57	1 18	23 45	0 3	10 15	0 27	23 36	0 4	18 32	2 16	23 16	23 19	12 34			n.a.
F 23	21 40	24 8	0 29	24 14	0 25	23 29	1 10	17 38	0 22	6 58	1 19	23 46	0 3	10 15	0 27	23 36	0 4	18 32	2 16	23 16	23 19	12 31			n.a.
S 24	21 29	21 52	0n37	24 23	0 34	23 19	1 11	17 50	0 22	7 0	1 19	23 46	0 3	10 15	0 27	23 37	0 4	18 32	2 15	23 16	23 19	12 29			n.a.
S 25	21 18	18 40	1 41	24 31	0 41	23 8	1 12	18 2	0 21	7 1	1 19	23 46	0 3	10 16	0 27	23 37	0 4	18 32	2 15	23 16	23 20	12 26			n.a.
M26	21 6	14 44	2 41	24 37	0 49	22 57	1 14	18 14	0 20	7 2	1 19	23 46	0 3	10 16	0 27	23 37	0 4	18 32	2 15	23 16	23 20	12 23			n.a.
T 27	20 54	10 16	3 33	24 43	0 56	22 45	1 15	18 25	0 19	7 4	1 19	23 46	0 3	10 16	0 27	23 37	0 4	18 32	2 15	23 16	23 20	12 20			n.a.
W28	20 42	5 25	4 16	24 47	1 3	22 32	1 16	18 37	0 18	7 5	1 19	23 46	0 3	10 17	0 27	23 37	0 4	18 32	2 15	23 16	23 20	12 18			n.a.
T 29	20 29	0 22	4 49	24 50	1 10	22 18	1 17	18 48	0 17	7 6	1 20	23 46	0 2	10 17	0 27	23 37	0 4	18 32	2 15	23 17	23 21	12 15			n.a.
F 30	20 16	4n43	5 9	24 52	1 17	22 4	1 18	19 0	0 16	7 7	1 20	23 47	0 2	10 17	0 27	23 37	0 4	18 32	2 15	23 17	23 21	12 12			n.a.
S 31	20 s 3	9n42	5n15	24 s53	1 s23	21 s49	1 s19	19 s11	0n15	7 s 8	1n20	23 s47	0n 2	10 s17	0n27	23n37	0 s 4	18n32	2 s15	23 s17	23 s21	12 s 9			n.a.

Julian Day Number = 1340467.5, Delta T = 07h16m13s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'27, Lahiri = -18°21'26 Julian Calendar 1 Jan. 1043 BCE == Greg. Calendar 22 Dec. 1044 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

FEBRUARY 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 3 57	2♒55'53	24♈30	10♉30	0♒57	26♏ 8	21♎ 9	29♐14	27♎23	5°R54	1°R14	11°R47	10♉58	19♒38	n.a.	S 1
M 2	8 7 54	3°55'41	7♉ 8	11°59	2°12	26°49	21°12	29°20	27°24	5♋52	1♊13	11°D47	10°55	19°45	n.a.	M 2
T 3	8 11 51	4°55'27	20° 8	13°29	3°27	27°31	21°14	29°27	27°24	5°51	1°13	11♉48	10°52	19°51	n.a.	T 3
W 4	8 15 47	5°55'11	3♊32	15° 0	4°41	28°13	21°17	29°33	27°24	5°49	1°12	11°49	10°49	19°58	n.a.	W 4
T 5	8 19 44	6°54'52	17°23	16°33	5°56	28°54	21°19	29°39	27°25	5°48	1°12	11°50	10°46	20° 5	n.a.	T 5
F 6	8 23 40	7°54'31	1♋42	18° 7	7°10	29°36	21°20	29°45	27°25	5°46	1°12	11°52	10°43	20°11	n.a.	F 6
S 7	8 27 37	8°54'07	16°25	19°42	8°25	0♐18	21°22	29°51	27°25	5°45	1°11	11°R52	10°39	20°18	n.a.	S 7
S 8	8 31 33	9°53'41	1♌28	21°18	9°39	0°59	21°24	29°57	27°25	5°44	1°11	11°51	10°36	20°25	n.a.	S 8
M 9	8 35 30	10°53'13	16°42	22°55	10°54	1°41	21°25	0♑ 4	27°25	5°42	1°10	11°48	10°33	20°31	n.a.	M 9
T 10	8 39 26	11°52'43	1♍56	24°34	12° 9	2°23	21°26	0°10	27°R25	5°41	1°10	11°45	10°30	20°38	n.a.	T 10
W11	8 43 23	12°52'11	17° 2	26°14	13°23	3° 5	21°27	0°15	27°25	5°40	1°10	11°40	10°27	20°45	n.a.	W11
T 12	8 47 19	13°51'36	1♎50	27°55	14°38	3°46	21°28	0°21	27°25	5°39	1°10	11°36	10°23	20°52	n.a.	T 12
F 13	8 51 16	14°51'00	16°13	29°38	15°52	4°28	21°29	0°27	27°25	5°37	1° 9	11°32	10°20	20°58	n.a.	F 13
S 14	8 55 13	15°50'21	0♏ 8	1♒22	17° 6	5°10	21°29	0°33	27°25	5°36	1° 9	11°29	10°17	21° 5	n.a.	S 14
S 15	8 59 9	16°49'41	13°37	3° 7	18°21	5°52	21°29	0°39	27°25	5°35	1° 9	11°D28	10°14	21°12	n.a.	S 15
M16	9 3 6	17°48'59	26°39	4°53	19°35	6°33	21°R29	0°44	27°25	5°34	1° 9	11°28	10°11	21°18	n.a.	M16
T 17	9 7 2	18°48'16	9♐19	6°41	20°50	7°15	21°29	0°50	27°24	5°33	1° 9	11°30	10° 8	21°25	n.a.	T 17
W18	9 10 59	19°47'30	21°42	8°30	22° 4	7°57	21°29	0°56	27°24	5°32	1° 8	11°31	10° 4	21°32	n.a.	W18
T 19	9 14 55	20°46'42	3♑51	10°21	23°19	8°38	21°28	1° 1	27°23	5°30	1° 8	11°33	10° 1	21°38	n.a.	T 19
F 20	9 18 52	21°45'53	15°50	12°12	24°33	9°20	21°27	1° 6	27°23	5°29	1° 8	11°R33	9°58	21°45	n.a.	F 20
S 21	9 22 48	22°45'01	27°42	14° 6	25°47	10° 2	21°26	1°12	27°22	5°28	1° 8	11°31	9°55	21°52	n.a.	S 21
S 22	9 26 45	23°44'07	9♒32	16° 0	27° 2	10°44	21°25	1°17	27°22	5°27	1° 8	11°28	9°52	21°58	n.a.	S 22
M23	9 30 42	24°43'11	21°21	17°56	28°16	11°25	21°24	1°22	27°21	5°26	1°D 8	11°22	9°49	22° 5	n.a.	M23
T 24	9 34 38	25°42'13	3♓11	19°53	29°30	12° 7	21°23	1°28	27°20	5°25	1° 8	11°15	9°45	22°12	n.a.	T 24
W25	9 38 35	26°41'12	15° 3	21°51	0♓45	12°49	21°21	1°33	27°20	5°24	1° 8	11° 6	9°42	22°18	n.a.	W25
T 26	9 42 31	27°40'10	27° 1	23°51	1°59	13°30	21°19	1°38	27°19	5°24	1° 8	10°57	9°39	22°25	n.a.	T 26
F 27	9 46 28	28°39'05	9♈ 5	25°52	3°13	14°12	21°17	1°43	27°18	5°23	1° 8	10°49	9°36	22°32	n.a.	F 27
S 28	9 50 24	29♒37'58	21♈17	27♒54	4♓27	14♐54	21♎15	1♑48	27♎17	5♋22	1♊ 9	10♉41	9♑33	22♒38	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s49	14n24	5n 8	24s52	1s28	21s33	1s20	19s22	0n14	7s 9	1n20	23s47	0n 2	10s17	0n27	23n37	0s 4	18n32	2s15	23s17	23s21	12s 7		n.a.
M 2	19 35	18 35	4 45	24 50	1 34	21 17	1 20	19 32	0 13	7 9	1 20	23 47	0 2	10 17	0 27	23 37	0 4	18 32	2 15	23 17	23 22	12 4		n.a.
T 3	19 20	22 1	4 8	24 46	1 39	21 0	1 21	19 43	0 12	7 10	1 21	23 47	0 2	10 18	0 27	23 37	0 4	18 32	2 14	23 17	23 22	12 1		n.a.
W 4	19 5	24 24	3 16	24 40	1 43	20 43	1 22	19 53	0 11	7 11	1 21	23 47	0 2	10 18	0 27	23 37	0 4	18 32	2 14	23 17	23 22	11 58		n.a.
T 5	18 50	25 23	2 11	24 33	1 48	20 25	1 22	20 4	0 10	7 12	1 21	23 47	0 2	10 18	0 27	23 38	0 4	18 32	2 14	23 17	23 23	11 56		n.a.
F 6	18 35	24 44	0 56	24 25	1 52	20 6	1 23	20 14	0 9	7 12	1 21	23 47	0 2	10 18	0 27	23 38	0 4	18 32	2 14	23 17	23 23	11 53		n.a.
S 7	18 19	22 23	0s25	24 15	1 55	19 47	1 23	20 24	0 8	7 13	1 21	23 47	0 2	10 18	0 27	23 38	0 4	18 32	2 14	23 17	23 23	11 50		n.a.
S 8	18 3	18 26	1 46	24 3	1 58	19 28	1 24	20 34	0 7	7 13	1 21	23 47	0 2	10 18	0 27	23 38	0 4	18 32	2 14	23 17	23 23	11 47		n.a.
M 9	17 47	13 14	3 0	23 49	2 1	19 7	1 24	20 43	0 6	7 13	1 22	23 48	0 2	10 18	0 27	23 38	0 4	18 32	2 14	23 17	23 24	11 44		n.a.
T 10	17 30	7 13	4 1	23 34	2 3	18 46	1 24	20 53	0 5	7 14	1 22	23 48	0 2	10 18	0 27	23 38	0 4	18 32	2 14	23 17	23 24	11 42		n.a.
W11	17 13	0 51	4 44	23 17	2 5	18 25	1 25	21 2	0 4	7 14	1 22	23 48	0 1	10 18	0 27	23 38	0 4	18 33	2 14	23 18	23 24	11 39		n.a.
T 12	16 56	5s26	5 8	22 58	2 6	18 3	1 25	21 11	0 3	7 14	1 22	23 48	0 1	10 18	0 27	23 38	0 4	18 33	2 13	23 18	23 24	11 36		n.a.
F 13	16 38	11 15	5 12	22 37	2 7	17 41	1 25	21 20	0 2	7 14	1 22	23 48	0 1	10 18	0 27	23 38	0 4	18 33	2 13	23 19	23 25	11 33		n.a.
S 14	16 20	16 18	4 56	22 15	2 8	17 18	1 25	21 29	0 1	7 14	1 23	23 48	0 1	10 18	0 27	23 38	0 4	18 33	2 13	23 19	23 25	11 31		n.a.
S 15	16 2	20 23	4 25	21 51	2 8	16 55	1 25	21 38	0s 0	7 14	1 23	23 48	0 1	10 18	0 27	23 38	0 4	18 33	2 13	23 19	23 25	11 28		n.a.
M16	15 44	23 17	3 41	21 24	2 7	16 31	1 25	21 46	0 1	7 14	1 23	23 48	0 1	10 18	0 27	23 38	0 4	18 33	2 13	23 19	23 25	11 25		n.a.
T 17	15 26	24 57	2 47	20 56	2 6	16 7	1 25	21 54	0 2	7 13	1 23	23 48	0 1	10 17	0 27	23 38	0 4	18 33	2 13	23 19	23 26	11 22		n.a.
W18	15 7	25 19	1 46	20 26	2 5	15 42	1 25	22 2	0 3	7 13	1 23	23 48	0 1	10 17	0 27	23 38	0 4	18 33	2 13	23 19	23 26	11 20		n.a.
T 19	14 48	24 28	0 42	19 54	2 3	15 17	1 24	22 10	0 5	7 13	1 23	23 48	0 1	10 17	0 27	23 39	0 4	18 33	2 13	23 19	23 26	11 17		n.a.
F 20	14 28	22 29	0n23	19 20	2 1	14 52	1 24	22 18	0 6	7 12	1 24	23 48	0 1	10 17	0 27	23 39	0 4	18 33	2 13	23 19	23 26	11 14		n.a.
S 21	14 9	19 32	1 27	18 44	1 58	14 26	1 24	22 25	0 7	7 12	1 24	23 48	0 1	10 17	0 27	23 39	0 4	18 33	2 12	23 19	23 27	11 11		n.a.
S 22	13 49	15 48	2 26	18 6	1 54	14 0	1 23	22 33	0 8	7 11	1 24	23 48	0 1	10 16	0 27	23 39	0 4	18 33	2 12	23 19	23 27	11 8		n.a.
M23	13 29	11 29	3 19	17 26	1 50	13 33	1 23	22 40	0 9	7 11	1 24	23 48	0 1	10 16	0 27	23 39	0 4	18 34	2 12	23 19	23 27	11 6		n.a.
T 24	13 9	6 44	4 3	16 45	1 45	13 6	1 22	22 47	0 11	7 10	1 24	23 48	0 0	10 16	0 27	23 39	0 4	18 34	2 12	23 20	23 27	11 3		n.a.
W25	12 49	1 44	4 37	16 1	1 40	12 39	1 21	22 53	0 12	7 9	1 24	23 48	0 0	10 16	0 27	23 39	0 4	18 34	2 12	23 21	23 28	11 0		n.a.
T 26	12 28	3n21	4 58	15 16	1 34	12 11	1 21	23 0	0 13	7 8	1 25	23 48	0 0	10 15	0 27	23 39	0 4	18 34	2 12	23 22	23 28	10 57		n.a.
F 27	12 8	8 21	5 7	14 29	1 28	11 43	1 20	23 6	0 14	7 7	1 25	23 48	0 0	10 15	0 27	23 39	0 4	18 34	2 12	23 22	23 28	10 54		n.a.
S 28	11s47	13n 5	5n 2	13s40	1s21	11s15	1s19	23s12	0s16	7s 6	1n25	23s48	0n 0	10s15	0n27	23n39	0s 4	18n34	2s12	23s23	23s28	10s52		n.a.

Julian Day Number = 1340498.5, Delta T = 07h16m12s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'23, Lahiri = -18°21'22 Julian Calendar 1 Feb. 1043 BCE == Greg. Calendar 22 Jan. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

MARCH 1043 BCE (-1042) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 54 21	0♓36'48	3♉40	29♒57	5♓42	15♐35	21°R12	1♑52	27°R16	5°R21	1♊ 9	10°R36	9♑29	22♒45	n.a.	S 1
M 2	9 58 17	1°35'36	16°18	2♓ 0	6°56	16°17	21♎10	1°57	27♎15	5♋20	1° 9	10♑32	9°26	22°52	n.a.	M 2
T 3	10 2 14	2°34'22	29°14	4° 5	8°10	16°58	21° 7	2° 2	27°14	5°19	1° 9	10°D31	9°23	22°58	n.a.	T 3
W 4	10 6 10	3°33'05	12♊30	6°10	9°24	17°40	21° 4	2° 7	27°13	5°19	1° 9	10°31	9°20	23° 5	n.a.	W 4
T 5	10 10 7	4°31'46	26°11	8°16	10°38	18°22	21° 1	2°11	27°12	5°18	1° 9	10°32	9°17	23°12	n.a.	T 5
F 6	10 14 4	5°30'25	10♋17	10°22	11°52	19° 3	20°58	2°16	27°11	5°17	1°10	10°R33	9°14	23°19	n.a.	F 6
S 7	10 18 0	6°29'01	24°48	12°27	13° 7	19°45	20°54	2°20	27° 9	5°17	1°10	10°32	9°10	23°25	n.a.	S 7
S 8	10 21 57	7°27'35	9♌42	14°33	14°21	20°26	20°51	2°24	27° 8	5°16	1°10	10°29	9° 7	23°32	n.a.	S 8
M 9	10 25 53	8°26'07	24°51	16°37	15°35	21° 8	20°47	2°29	27° 7	5°16	1°11	10°24	9° 4	23°39	n.a.	M 9
T 10	10 29 50	9°24'36	10♍ 7	18°41	16°49	21°49	20°43	2°33	27° 6	5°15	1°11	10°16	9° 1	23°45	n.a.	T 10
W11	10 33 46	10°23'04	25°19	20°44	18° 3	22°31	20°39	2°37	27° 4	5°14	1°11	10° 8	8°58	23°52	n.a.	W11
T 12	10 37 43	11°21'29	10♎16	22°44	19°17	23°12	20°35	2°41	27° 3	5°14	1°12	9°58	8°55	23°59	n.a.	T 12
F 13	10 41 39	12°19'53	24°50	24°43	20°31	23°54	20°30	2°45	27° 1	5°13	1°12	9°50	8°51	24° 5	n.a.	F 13
S 14	10 45 36	13°18'15	8♏56	26°40	21°45	24°35	20°26	2°49	27° 0	5°13	1°13	9°44	8°48	24°12	n.a.	S 14
S 15	10 49 32	14°16'35	22°32	28°34	22°59	25°16	20°21	2°53	26°58	5°13	1°13	9°39	8°45	24°19	n.a.	S 15
M16	10 53 29	15°14'53	5♐39	0♈25	24°13	25°58	20°16	2°56	26°57	5°12	1°14	9°37	8°42	24°25	n.a.	M16
T 17	10 57 26	16°13'10	18°21	2°13	25°27	26°39	20°11	3° 0	26°55	5°12	1°14	9°D37	8°39	24°32	n.a.	T 17
W18	11 1 22	17°11'26	0♑42	3°58	26°41	27°20	20° 6	3° 3	26°53	5°12	1°15	9°37	8°35	24°39	n.a.	W18
T 19	11 5 19	18° 9'39	12°48	5°39	27°54	28° 2	20° 0	3° 7	26°52	5°11	1°15	9°R37	8°32	24°45	n.a.	T 19
F 20	11 9 15	19° 7'51	24°43	7°16	29° 8	28°43	19°55	3°10	26°50	5°11	1°16	9°36	8°29	24°52	n.a.	F 20
S 21	11 13 12	20° 6'02	6♒33	8°49	0♈22	29°24	19°49	3°14	26°48	5°11	1°16	9°33	8°26	24°59	n.a.	S 21
S 22	11 17 8	21° 4'10	18°20	10°19	1°36	0♑ 5	19°43	3°17	26°46	5°11	1°17	9°27	8°23	25° 5	n.a.	S 22
M23	11 21 5	22° 2'17	0♓ 9	11°44	2°50	0°47	19°38	3°20	26°44	5°11	1°18	9°19	8°20	25°12	n.a.	M23
T 24	11 25 1	23° 0'22	12° 3	13° 4	4° 4	1°28	19°32	3°23	26°42	5°11	1°18	9° 8	8°16	25°19	n.a.	T 24
W25	11 28 58	23°58'25	24° 2	14°20	5°17	2° 9	19°25	3°26	26°40	5°11	1°19	8°55	8°13	25°26	n.a.	W25
T 26	11 32 55	24°56'27	6♈ 8	15°32	6°31	2°50	19°19	3°29	26°39	5°10	1°20	8°41	8°10	25°32	n.a.	T 26
F 27	11 36 51	25°54'27	18°23	16°39	7°45	3°31	19°13	3°31	26°37	5°D10	1°20	8°28	8° 7	25°39	n.a.	F 27
S 28	11 40 48	26°52'25	0♉46	17°42	8°59	4°12	19° 6	3°34	26°34	5°10	1°21	8°17	8° 4	25°46	n.a.	S 28
S 29	11 44 44	27°50'21	13°20	18°40	10°12	4°52	19° 0	3°37	26°32	5°11	1°22	8° 8	8° 0	25°52	n.a.	S 29
M30	11 48 41	28°48'15	26° 6	19°32	11°26	5°33	18°53	3°39	26°30	5°11	1°23	8° 2	7°57	25°59	n.a.	M30
T 31	11 52 37	29♓46'07	9♊ 6	20♈21	12♈40	6♑14	18♎46	3♑42	26♎28	5♋11	1♊24	7♑59	7♑54	26♒ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s26	17n22	4n43	12s49	1s14	10s47	1s18	23s18	0s17	7s 5	1n25	23s48	0n 0	10s14	0n27	23n39	0s 4	18n34	2s11	23s23	23s28	10s49			n.a.
M 2	11 5	20 57	4 10	11 57	1 6	10 18	1 17	23 24	0 18	7 4	1 25	23 48	0 0	10 14	0 27	23 39	0 3	18 34	2 11	23 24	23 29	10 46			n.a.
T 3	10 43	23 37	3 23	11 3	0 57	9 49	1 16	23 30	0 19	7 3	1 25	23 48	0s 0	10 14	0 27	23 39	0 3	18 35	2 11	23 24	23 29	10 43			n.a.
W 4	10 22	25 3	2 25	10 8	0 48	9 20	1 15	23 35	0 21	7 2	1 25	23 48	0 0	10 13	0 27	23 39	0 3	18 35	2 11	23 24	23 29	10 41			n.a.
T 5	10 0	25 2	1 16	9 12	0 39	8 50	1 14	23 40	0 22	7 1	1 26	23 48	0 0	10 13	0 27	23 39	0 3	18 35	2 11	23 24	23 29	10 38			n.a.
F 6	9 38	23 26	0 1	8 15	0 29	8 20	1 13	23 45	0 23	6 59	1 26	23 48	0 0	10 12	0 27	23 39	0 3	18 35	2 11	23 24	23 30	10 35			n.a.
S 7	9 16	20 16	1s16	7 17	0 19	7 50	1 12	23 50	0 25	6 58	1 26	23 48	0 0	10 12	0 27	23 39	0 3	18 35	2 11	23 24	23 30	10 32			n.a.
S 8	8 54	15 42	2 30	6 18	0 8	7 20	1 11	23 54	0 26	6 56	1 26	23 48	0 0	10 11	0 27	23 39	0 3	18 35	2 11	23 24	23 30	10 29			n.a.
M 9	8 32	10 5	3 34	5 19	0n 3	6 50	1 9	23 59	0 28	6 55	1 26	23 48	0 1	10 11	0 27	23 39	0 3	18 36	2 11	23 24	23 30	10 27			n.a.
T 10	8 10	3 50	4 24	4 20	0 14	6 19	1 8	24 3	0 29	6 53	1 26	23 48	0 1	10 10	0 27	23 39	0 3	18 36	2 10	23 25	23 30	10 24			n.a.
W11	7 48	2s36	4 54	3 20	0 26	5 49	1 6	24 7	0 30	6 51	1 26	23 48	0 1	10 10	0 27	23 39	0 3	18 36	2 10	23 26	23 31	10 21			n.a.
T 12	7 25	8 47	5 4	2 22	0 37	5 18	1 5	24 10	0 32	6 50	1 26	23 48	0 1	10 9	0 27	23 40	0 3	18 36	2 10	23 26	23 31	10 18			n.a.
F 13	7 2	14 19	4 54	1 23	0 48	4 47	1 3	24 14	0 33	6 48	1 27	23 48	0 1	10 9	0 27	23 40	0 3	18 36	2 10	23 27	23 31	10 15			n.a.
S 14	6 40	18 54	4 26	0 26	1 0	4 16	1 2	24 17	0 35	6 46	1 27	23 48	0 1	10 8	0 27	23 40	0 3	18 37	2 10	23 27	23 31	10 13			n.a.
S 15	6 17	22 18	3 44	0n30	1 11	3 45	1 0	24 20	0 36	6 44	1 27	23 48	0 1	10 8	0 27	23 40	0 3	18 37	2 10	23 28	23 32	10 10			n.a.
M16	5 54	24 23	2 51	1 25	1 22	3 14	0 58	24 23	0 38	6 42	1 27	23 48	0 1	10 7	0 27	23 40	0 3	18 37	2 10	23 28	23 32	10 7			n.a.
T 17	5 31	25 8	1 51	2 18	1 32	2 42	0 57	24 26	0 39	6 40	1 27	23 48	0 1	10 6	0 27	23 40	0 3	18 37	2 10	23 28	23 32	10 4			n.a.
W18	5 8	24 36	0 47	3 10	1 42	2 11	0 55	24 28	0 41	6 38	1 27	23 48	0 1	10 6	0 28	23 40	0 3	18 37	2 10	23 28	23 32	10 1			n.a.
T 19	4 45	22 55	0n17	3 59	1 52	1 39	0 53	24 30	0 42	6 36	1 27	23 48	0 1	10 5	0 28	23 40	0 3	18 38	2 9	23 28	23 32	9 58			n.a.
F 20	4 22	20 13	1 19	4 47	2 1	1 8	0 51	24 32	0 44	6 34	1 27	23 48	0 1	10 5	0 28	23 40	0 3	18 38	2 9	23 28	23 33	9 56			n.a.
S 21	3 59	16 43	2 18	5 32	2 10	0 36	0 49	24 34	0 45	6 32	1 27	23 48	0 2	10 4	0 28	23 40	0 3	18 38	2 9	23 28	23 33	9 53			n.a.
S 22	3 36	12 34	3 10	6 15	2 18	0 4	0 47	24 36	0 47	6 29	1 27	23 48	0 2	10 3	0 28	23 40	0 3	18 38	2 9	23 29	23 33	9 50			n.a.
M23	3 12	7 57	3 54	6 56	2 25	0n27	0 45	24 37	0 48	6 27	1 27	23 48	0 2	10 3	0 28	23 40	0 3	18 38	2 9	23 29	23 33	9 47			n.a.
T 24	2 49	3 2	4 28	7 34	2 32	0 59	0 43	24 39	0 50	6 25	1 28	23 48	0 2	10 2	0 28	23 40	0 3	18 39	2 9	23 30	23 33	9 44			n.a.
W25	2 26	2n 2	4 51	8 9	2 38	1 30	0 41	24 40	0 51	6 22	1 28	23 48	0 2	10 1	0 28	23 40	0 3	18 39	2 9	23 31	23 34	9 42			n.a.
T 26	2 2	7 3	5 0	8 42	2 43	2 2	0 39	24 40	0 53	6 20	1 28	23 48	0 2	10 0	0 28	23 40	0 3	18 39	2 9	23 32	23 34	9 39			n.a.
F 27	1 39	11 52	4 56	9 12	2 47	2 33	0 37	24 41	0 55	6 17	1 28	23 48	0 2	10 0	0 28	23 40	0 3	18 39	2 9	23 33	23 34	9 36			n.a.
S 28	1 16	16 15	4 38	9 40	2 50	3 5	0 35	24 41	0 56	6 15	1 28	23 48	0 2	9 59	0 28	23 40	0 3	18 40	2 9	23 33	23 34	9 33			n.a.
S 29	0 52	20 0	4 6	10 4	2 52	3 36	0 32	24 42	0 58	6 12	1 28	23 48	0 2	9 58	0 28	23 40	0 3	18 40	2 8	23 34	23 34	9 30			n.a.
M30	0 29	22 51	3 22	10 26	2 54	4 8	0 30	24 42	1 0	6 10	1 28	23 48	0 2	9 57	0 28	23 40	0 3	18 40	2 8	23 34	23 35	9 27			n.a.
T 31	0s 6	24n34	2n26	10n45	2n54	4n39	0s28	24s41	1s 1	6s 7	1n28	23s48	0s 2	9s57	0n28	23n40	0s 3	18n41	2s 8	23s35	23s35	9s25			n.a.

Julian Day Number = 1340526.5, Delta T = 07h16m10s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'19, Lahiri = -18°21'18 Julian Calendar 1 March 1043 BCE == Greg. Calendar 19 Feb. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

APRIL 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 56 34	0♈43'58	22♊22	21♈ 4	13♈53	6♉55	18°R40	3♉44	26°R26	5♋11	1♊24	7°R57	7♉51	26♒12	n.a.	W 1
T 2	12 0 30	1°41'46	5♋57	21°42	15° 7	7°35	18♎33	3°46	26♎24	5°11	1°25	7♉57	7°48	26°19	n.a.	T 2
F 3	12 4 27	2°39'33	19°52	22°15	16°21	8°16	18°26	3°48	26°22	5°11	1°26	7°57	7°45	26°26	n.a.	F 3
S 4	12 8 24	3°37'18	4♌ 9	22°43	17°34	8°57	18°18	3°50	26°20	5°12	1°27	7°55	7°41	26°32	n.a.	S 4
S 5	12 12 20	4°35'01	18°45	23° 6	18°48	9°37	18°11	3°52	26°17	5°12	1°28	7°52	7°38	26°39	n.a.	S 5
M 6	12 16 17	5°32'42	3♍38	23°24	20° 1	10°18	18° 4	3°54	26°15	5°12	1°29	7°45	7°35	26°46	n.a.	M 6
T 7	12 20 13	6°30'21	18°38	23°37	21°15	10°58	17°57	3°56	26°13	5°13	1°30	7°36	7°32	26°52	n.a.	T 7
W 8	12 24 10	7°27'59	3♎39	23°45	22°28	11°38	17°49	3°57	26°11	5°13	1°31	7°25	7°29	26°59	n.a.	W 8
T 9	12 28 6	8°25'35	18°30	23°R48	23°42	12°19	17°42	3°59	26° 8	5°13	1°32	7°14	7°26	27° 6	n.a.	T 9
F 10	12 32 3	9°23'10	3♏ 2	23°46	24°55	12°59	17°35	4° 0	26° 6	5°14	1°33	7° 4	7°22	27°13	n.a.	F 10
S 11	12 35 59	10°20'44	17° 9	23°39	26° 9	13°39	17°27	4° 2	26° 4	5°14	1°34	6°55	7°19	27°19	n.a.	S 11
S 12	12 39 56	11°18'17	0♐49	23°28	27°22	14°19	17°20	4° 3	26° 1	5°15	1°35	6°49	7°16	27°26	n.a.	S 12
M13	12 43 52	12°15'49	14° 0	23°13	28°35	14°59	17°12	4° 4	25°59	5°15	1°36	6°46	7°13	27°33	n.a.	M13
T 14	12 47 49	13°13'19	26°45	22°54	29°49	15°39	17° 4	4° 5	25°56	5°16	1°37	6°44	7°10	27°39	n.a.	T 14
W15	12 51 46	14°10'49	9♑ 9	22°31	1♉ 2	16°19	16°57	4° 6	25°54	5°17	1°38	6°44	7° 6	27°46	n.a.	W15
T 16	12 55 42	15° 8'17	21°16	22° 6	2°15	16°58	16°49	4° 7	25°52	5°17	1°39	6°44	7° 3	27°53	n.a.	T 16
F 17	12 59 39	16° 5'45	3♒12	21°37	3°29	17°38	16°42	4° 8	25°49	5°18	1°40	6°43	7° 0	27°59	n.a.	F 17
S 18	13 3 35	17° 3'11	15° 2	21° 6	4°42	18°18	16°34	4° 9	25°47	5°19	1°41	6°40	6°57	28° 6	n.a.	S 18
S 19	13 7 32	18° 0'37	26°51	20°34	5°55	18°57	16°26	4° 9	25°44	5°19	1°43	6°35	6°54	28°13	n.a.	S 19
M20	13 11 28	18°58'02	8♓43	20° 1	7° 8	19°37	16°19	4°10	25°42	5°20	1°44	6°27	6°51	28°19	n.a.	M20
T 21	13 15 25	19°55'25	20°42	19°27	8°22	20°16	16°11	4°10	25°39	5°21	1°45	6°16	6°47	28°26	n.a.	T 21
W22	13 19 21	20°52'48	2♈49	18°53	9°35	20°55	16° 3	4°10	25°37	5°22	1°46	6° 4	6°44	28°33	n.a.	W22
T 23	13 23 18	21°50'10	15° 6	18°20	10°48	21°34	15°56	4°10	25°34	5°23	1°47	5°51	6°41	28°40	n.a.	T 23
F 24	13 27 15	22°47'30	27°34	17°48	12° 1	22°13	15°48	4°R11	25°32	5°24	1°49	5°39	6°38	28°46	n.a.	F 24
S 25	13 31 11	23°44'50	10♉14	17°17	13°14	22°52	15°41	4°11	25°30	5°24	1°50	5°28	6°35	28°53	n.a.	S 25
S 26	13 35 8	24°42'09	23° 5	16°49	14°28	23°31	15°33	4°10	25°27	5°25	1°51	5°20	6°31	29° 0	n.a.	S 26
M27	13 39 4	25°39'27	6♊ 7	16°24	15°41	24°10	15°26	4°10	25°25	5°26	1°52	5°14	6°28	29° 6	n.a.	M27
T 28	13 43 1	26°36'44	19°21	16° 2	16°54	24°48	15°19	4°10	25°22	5°27	1°54	5°11	6°25	29°13	n.a.	T 28
W29	13 46 57	27°34'00	2♋48	15°43	18° 7	25°26	15°11	4°10	25°20	5°28	1°55	5°D10	6°22	29°20	n.a.	W29
T 30	13 50 54	28♈31'14	16♋27	15♈28	19♉20	26♑ 5	15♎ 4	4♑ 9	25♎17	5♋30	1♊56	5♑10	6♑19	29♒26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n18	24n57	1n21	11n 1	2n53	5n10	0s26	24s41	1s 3	6s 4	1n28	23s48	0s 3	9s56	0n28	23n40	0s 3	18n41	2s 8	23s35	23s35	9s22		n.a.
T 2	0 41	23 52	0 11	11 14	2 52	5 41	0 23	24 41	1 5	6 2	1 28	23 49	0 3	9 55	0 28	23 40	0 3	18 41	2 8	23 35	23 35	9 19		n.a.
F 3	1 4	21 17	1s 3	11 24	2 49	6 12	0 21	24 40	1 6	5 59	1 28	23 49	0 3	9 54	0 28	23 40	0 3	18 41	2 8	23 35	23 35	9 16		n.a.
S 4	1 28	17 22	2 14	11 31	2 45	6 43	0 19	24 39	1 8	5 56	1 28	23 49	0 3	9 53	0 28	23 40	0 3	18 42	2 8	23 35	23 36	9 13		n.a.
S 5	1 51	12 19	3 18	11 35	2 40	7 14	0 16	24 38	1 10	5 53	1 28	23 49	0 3	9 53	0 28	23 40	0 3	18 42	2 8	23 35	23 36	9 11		n.a.
M 6	2 14	6 28	4 9	11 36	2 34	7 44	0 14	24 36	1 12	5 51	1 28	23 49	0 3	9 52	0 28	23 40	0 3	18 42	2 8	23 35	23 36	9 8		n.a.
T 7	2 37	0 13	4 44	11 34	2 26	8 14	0 11	24 35	1 13	5 48	1 28	23 49	0 3	9 51	0 28	23 40	0 3	18 43	2 7	23 36	23 36	9 5		n.a.
W 8	3 0	6s 3	5 0	11 30	2 18	8 45	0 9	24 33	1 15	5 45	1 28	23 49	0 3	9 50	0 28	23 40	0 3	18 43	2 7	23 36	23 36	9 2		n.a.
T 9	3 24	11 53	4 55	11 22	2 9	9 14	0 6	24 31	1 17	5 42	1 28	23 49	0 3	9 49	0 28	23 40	0 3	18 43	2 7	23 37	23 36	8 59		n.a.
F 10	3 47	16 56	4 30	11 11	1 58	9 44	0 4	24 29	1 19	5 39	1 28	23 49	0 3	9 48	0 28	23 40	0 3	18 43	2 7	23 38	23 37	8 56		n.a.
S 11	4 10	20 54	3 50	10 58	1 46	10 14	0 1	24 27	1 21	5 37	1 28	23 49	0 3	9 48	0 28	23 40	0 3	18 44	2 7	23 38	23 37	8 54		n.a.
S 12	4 32	23 32	2 58	10 42	1 34	10 43	0n 1	24 24	1 23	5 34	1 28	23 49	0 4	9 47	0 28	23 40	0 3	18 44	2 7	23 38	23 37	8 51		n.a.
M13	4 55	24 47	1 57	10 24	1 20	11 12	0 4	24 22	1 24	5 31	1 28	23 49	0 4	9 46	0 28	23 40	0 3	18 44	2 7	23 39	23 37	8 48		n.a.
T 14	5 18	24 39	0 53	10 3	1 6	11 41	0 6	24 19	1 26	5 28	1 28	23 49	0 4	9 45	0 28	23 40	0 3	18 45	2 7	23 39	23 37	8 45		n.a.
W15	5 41	23 17	0n13	9 41	0 51	12 9	0 9	24 16	1 28	5 25	1 27	23 49	0 4	9 44	0 28	23 40	0 3	18 45	2 7	23 39	23 38	8 42		n.a.
T 16	6 3	20 51	1 16	9 16	0 35	12 37	0 11	24 13	1 30	5 22	1 27	23 49	0 4	9 43	0 28	23 40	0 3	18 45	2 7	23 39	23 38	8 39		n.a.
F 17	6 26	17 33	2 15	8 50	0 18	13 5	0 14	24 9	1 32	5 19	1 27	23 49	0 4	9 42	0 28	23 40	0 3	18 46	2 6	23 39	23 38	8 37		n.a.
S 18	6 48	13 35	3 8	8 23	0 2	13 33	0 16	24 6	1 34	5 16	1 27	23 49	0 4	9 41	0 28	23 40	0 3	18 46	2 6	23 39	23 38	8 34		n.a.
S 19	7 10	9 7	3 52	7 55	0s15	14 0	0 19	24 2	1 36	5 13	1 27	23 49	0 4	9 40	0 28	23 40	0 3	18 46	2 6	23 39	23 38	8 31		n.a.
M20	7 33	4 19	4 27	7 26	0 33	14 27	0 21	23 58	1 38	5 11	1 27	23 49	0 4	9 40	0 28	23 40	0 3	18 47	2 6	23 40	23 38	8 28		n.a.
T 21	7 55	0n41	4 50	6 58	0 50	14 53	0 24	23 54	1 40	5 8	1 27	23 50	0 4	9 39	0 28	23 40	0 3	18 47	2 6	23 40	23 39	8 25		n.a.
W22	8 17	5 43	5 0	6 29	1 6	15 20	0 26	23 50	1 42	5 5	1 27	23 50	0 4	9 38	0 28	23 40	0 3	18 47	2 6	23 41	23 39	8 22		n.a.
T 23	8 38	10 35	4 57	6 1	1 23	15 45	0 29	23 46	1 44	5 2	1 27	23 50	0 5	9 37	0 28	23 40	0 3	18 48	2 6	23 41	23 39	8 20		n.a.
F 24	9 0	15 6	4 40	5 34	1 39	16 11	0 31	23 42	1 46	4 59	1 27	23 50	0 5	9 36	0 28	23 40	0 3	18 48	2 6	23 42	23 39	8 17		n.a.
S 25	9 22	19 2	4 8	5 8	1 54	16 36	0 34	23 37	1 48	4 56	1 26	23 50	0 5	9 35	0 28	23 40	0 3	18 48	2 6	23 42	23 39	8 14		n.a.
S 26	9 43	22 7	3 24	4 44	2 9	17 1	0 36	23 32	1 50	4 54	1 26	23 50	0 5	9 34	0 28	23 40	0 3	18 49	2 6	23 43	23 39	8 11		n.a.
M27	10 4	24 6	2 28	4 22	2 22	17 25	0 39	23 27	1 52	4 51	1 26	23 50	0 5	9 33	0 28	23 40	0 3	18 49	2 6	23 43	23 40	8 8		n.a.
T 28	10 25	24 46	1 23	4 2	2 35	17 48	0 41	23 22	1 54	4 48	1 26	23 50	0 5	9 32	0 27	23 40	0 3	18 49	2 5	23 43	23 40	8 5		n.a.
W29	10 46	24 0	0 13	3 43	2 47	18 12	0 44	23 17	1 56	4 45	1 26	23 50	0 5	9 31	0 27	23 40	0 3	18 50	2 5	23 43	23 40	8 3		n.a.
T 30	11n 7	21n48	1s 0	3n28	2s57	18n35	0n46	23s12	1s58	4s43	1n26	23s50	0s 5	9s30	0n27	23n40	0s 3	18n50	2s 5	23s43	23s40	8s 0		n.a.

Julian Day Number = 1340557.5, Delta T = 07h16m09s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'15, Lahiri = -18°21'14 Julian Calendar 1 Apr. 1043 BCE == Greg. Calendar 22 March 1043 BCE

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

MAY 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 54 50	29♈28'28	0♌21	15°R18	20♉33	26♋43	14°R57	4°R 8	25°R15	5♋31	1♊58	5°R10	6♋16	29♒33	n.a.	F 1
S 2	13 58 47	0♉25'40	14°28	15♈11	21°46	27°21	14♎50	4♋ 8	25♎12	5°32	1°59	5♋ 9	6°12	29°40	n.a.	S 2
S 3	14 2 44	1°22'51	28°49	15°D 9	22°59	27°59	14°42	4° 7	25°10	5°33	2° 0	5° 7	6° 9	29°47	n.a.	S 3
M 4	14 6 40	2°20'02	13♍21	15°11	24°12	28°37	14°36	4° 6	25° 7	5°34	2° 2	5° 2	6° 6	29°53	n.a.	M 4
T 5	14 10 37	3°17'11	27°59	15°17	25°25	29°14	14°29	4° 5	25° 5	5°35	2° 3	4°55	6° 3	29°59	n.a.	T 5
W 6	14 14 33	4°14'19	12♎36	15°28	26°38	29°52	14°22	4° 4	25° 2	5°37	2° 4	4°46	6° 0	0♓ 7	n.a.	W 6
T 7	14 18 30	5°11'27	27° 6	15°44	27°51	0♒29	14°15	4° 3	25° 0	5°38	2° 6	4°37	5°57	0°13	n.a.	T 7
F 8	14 22 26	6° 8'35	11♏22	16° 4	29° 3	1° 6	14° 8	4° 2	24°57	5°39	2° 7	4°28	5°53	0°20	n.a.	F 8
S 9	14 26 23	7° 5'41	25°18	16°29	0♊16	1°43	14° 2	4° 0	24°55	5°40	2° 8	4°21	5°50	0°27	n.a.	S 9
S 10	14 30 20	8° 2'48	8♐51	16°58	1°29	2°20	13°55	3°59	24°53	5°42	2°10	4°16	5°47	0°33	n.a.	S 10
M11	14 34 16	8°59'54	21°59	17°32	2°42	2°57	13°49	3°57	24°50	5°43	2°11	4°13	5°44	0°40	n.a.	M11
T 12	14 38 13	9°57'00	4♑45	18°10	3°55	3°33	13°43	3°56	24°48	5°45	2°13	4°D13	5°41	0°47	n.a.	T 12
W13	14 42 9	10°54'06	17°10	18°52	5° 7	4°10	13°37	3°54	24°46	5°46	2°14	4°13	5°37	0°54	n.a.	W13
T 14	14 46 6	11°51'11	29°20	19°38	6°20	4°46	13°31	3°52	24°43	5°47	2°16	4°14	5°34	1° 0	n.a.	T 14
F 15	14 50 2	12°48'17	11♒18	20°28	7°33	5°22	13°25	3°50	24°41	5°49	2°17	4°R15	5°31	1° 7	n.a.	F 15
S 16	14 53 59	13°45'22	23°10	21°23	8°45	5°58	13°19	3°48	24°39	5°50	2°19	4°15	5°28	1°14	n.a.	S 16
S 17	14 57 55	14°42'28	5♓ 2	22°21	9°58	6°33	13°14	3°46	24°36	5°52	2°20	4°12	5°25	1°20	n.a.	S 17
M18	15 1 52	15°39'33	16°57	23°23	11°11	7° 9	13° 8	3°44	24°34	5°53	2°22	4° 8	5°22	1°27	n.a.	M18
T 19	15 5 49	16°36'38	28°59	24°29	12°23	7°44	13° 3	3°42	24°32	5°55	2°23	4° 2	5°18	1°34	n.a.	T 19
W20	15 9 45	17°33'44	11♈13	25°39	13°36	8°19	12°58	3°39	24°30	5°57	2°24	3°55	5°15	1°40	n.a.	W20
T 21	15 13 42	18°30'49	23°40	26°53	14°48	8°54	12°53	3°37	24°27	5°58	2°26	3°47	5°12	1°47	n.a.	T 21
F 22	15 17 38	19°27'55	6♉22	28°10	16° 1	9°28	12°48	3°35	24°25	6° 0	2°27	3°39	5° 9	1°54	n.a.	F 22
S 23	15 21 35	20°25'01	19°19	29°31	17°13	10° 3	12°43	3°32	24°23	6° 1	2°29	3°32	5° 6	2° 1	n.a.	S 23
S 24	15 25 31	21°22'06	2♊31	0♉56	18°26	10°37	12°38	3°29	24°21	6° 3	2°31	3°27	5° 3	2° 7	n.a.	S 24
M25	15 29 28	22°19'12	15°55	2°24	19°38	11°11	12°34	3°27	24°19	6° 5	2°32	3°24	4°59	2°14	n.a.	M25
T 26	15 33 24	23°16'17	29°32	3°55	20°51	11°44	12°30	3°24	24°17	6° 7	2°34	3°D23	4°56	2°21	n.a.	T 26
W27	15 37 21	24°13'23	13♋18	5°30	22° 3	12°18	12°26	3°21	24°15	6° 8	2°35	3°23	4°53	2°27	n.a.	W27
T 28	15 41 18	25°10'28	27°13	7° 8	23°16	12°51	12°22	3°18	24°13	6°10	2°37	3°24	4°50	2°34	n.a.	T 28
F 29	15 45 14	26° 7'34	11♌16	8°50	24°28	13°23	12°18	3°15	24°11	6°12	2°38	3°25	4°47	2°41	n.a.	F 29
S 30	15 49 11	27° 4'39	25°25	10°35	25°40	13°56	12°14	3°12	24° 9	6°14	2°40	3°R26	4°43	2°47	n.a.	S 30
S 31	15 53 7	28♉ 1'43	9♍38	12♉23	26♊52	14♒28	12♎11	3♋ 9	24♎ 7	6♋16	2♊41	3♋25	4♋40	2♓54	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n28	18n17	2s10	3n15	3s 7	18n57	0n48	23s 7	2s 0	4s40	1n26	23s51	0s 5	9s30	0n27	23n40	0s 3	18n50	2s 5	23s43	23s40	7s57		n.a.
S 2	11 48	13 40	3 13	3 5	3 15	19 19	0 51	23 1	2 2	4 37	1 25	23 51	0 5	9 29	0 27	23 40	0 3	18 51	2 5	23 43	23 40	7 54		n.a.
S 3	12 8	8 14	4 6	2 57	3 22	19 40	0 53	22 56	2 5	4 35	1 25	23 51	0 5	9 28	0 27	23 39	0 3	18 51	2 5	23 43	23 40	7 51		n.a.
M 4	12 28	2 18	4 43	2 52	3 28	20 1	0 55	22 50	2 7	4 32	1 25	23 51	0 6	9 27	0 27	23 39	0 3	18 51	2 5	23 43	23 41	7 48		n.a.
T 5	12 48	3s47	5 2	2 50	3 33	20 21	0 58	22 44	2 9	4 30	1 25	23 51	0 6	9 26	0 27	23 39	0 3	18 52	2 5	23 44	23 41	7 45		n.a.
W 6	13 8	9 40	5 1	2 51	3 37	20 41	1 0	22 38	2 11	4 27	1 25	23 51	0 6	9 25	0 27	23 39	0 3	18 52	2 5	23 44	23 41	7 43		n.a.
T 7	13 28	14 57	4 41	2 55	3 40	21 0	1 2	22 32	2 13	4 25	1 25	23 51	0 6	9 24	0 27	23 39	0 3	18 52	2 5	23 44	23 41	7 40		n.a.
F 8	13 47	19 20	4 4	3 1	3 42	21 19	1 4	22 26	2 15	4 22	1 24	23 51	0 6	9 23	0 27	23 39	0 3	18 53	2 5	23 45	23 41	7 37		n.a.
S 9	14 6	22 30	3 13	3 10	3 42	21 37	1 6	22 20	2 18	4 20	1 24	23 52	0 6	9 22	0 27	23 39	0 3	18 53	2 5	23 45	23 41	7 34		n.a.
S 10	14 25	24 17	2 12	3 22	3 42	21 54	1 9	22 13	2 20	4 17	1 24	23 52	0 6	9 22	0 27	23 39	0 3	18 53	2 4	23 45	23 41	7 31		n.a.
M11	14 43	24 39	1 5	3 36	3 40	22 11	1 11	22 7	2 22	4 15	1 24	23 52	0 6	9 21	0 27	23 39	0 2	18 54	2 4	23 45	23 42	7 28		n.a.
T 12	15 2	23 41	0n 3	3 53	3 38	22 27	1 13	22 0	2 24	4 13	1 23	23 52	0 6	9 20	0 27	23 39	0 2	18 54	2 4	23 45	23 42	7 26		n.a.
W13	15 20	21 33	1 9	4 12	3 35	22 43	1 15	21 54	2 27	4 11	1 23	23 52	0 6	9 19	0 27	23 39	0 2	18 55	2 4	23 45	23 42	7 23		n.a.
T 14	15 38	18 29	2 11	4 33	3 31	22 58	1 17	21 47	2 29	4 9	1 23	23 52	0 7	9 18	0 27	23 39	0 2	18 55	2 4	23 45	23 42	7 20		n.a.
F 15	15 56	14 41	3 6	4 56	3 26	23 12	1 18	21 40	2 31	4 7	1 23	23 52	0 7	9 17	0 27	23 39	0 2	18 55	2 4	23 45	23 42	7 17		n.a.
S 16	16 13	10 21	3 52	5 22	3 21	23 26	1 20	21 33	2 34	4 4	1 23	23 53	0 7	9 16	0 27	23 39	0 2	18 56	2 4	23 45	23 42	7 14		n.a.
S 17	16 30	5 39	4 29	5 50	3 15	23 39	1 22	21 26	2 36	4 2	1 22	23 53	0 7	9 16	0 27	23 39	0 2	18 56	2 4	23 45	23 42	7 11		n.a.
M18	16 47	0 44	4 54	6 19	3 8	23 51	1 24	21 19	2 38	4 1	1 22	23 53	0 7	9 15	0 27	23 39	0 2	18 56	2 4	23 45	23 43	7 8		n.a.
T 19	17 4	4n16	5 6	6 51	3 0	24 3	1 25	21 12	2 41	3 59	1 22	23 53	0 7	9 14	0 27	23 39	0 2	18 57	2 4	23 45	23 43	7 6		n.a.
W20	17 20	9 10	5 5	7 24	2 52	24 14	1 27	21 5	2 43	3 57	1 22	23 53	0 7	9 13	0 27	23 39	0 2	18 57	2 4	23 46	23 43	7 3		n.a.
T 21	17 37	13 48	4 49	7 59	2 44	24 24	1 29	20 58	2 45	3 55	1 21	23 53	0 7	9 12	0 27	23 39	0 2	18 57	2 4	23 46	23 43	7 0		n.a.
F 22	17 52	17 56	4 19	8 36	2 34	24 34	1 30	20 51	2 48	3 53	1 21	23 54	0 7	9 11	0 27	23 39	0 2	18 58	2 4	23 46	23 43	6 57		n.a.
S 23	18 8	21 17	3 36	9 13	2 25	24 43	1 32	20 44	2 50	3 52	1 21	23 54	0 7	9 11	0 27	23 38	0 2	18 58	2 4	23 46	23 43	6 54		n.a.
S 24	18 23	23 36	2 39	9 53	2 15	24 51	1 33	20 37	2 52	3 50	1 21	23 54	0 8	9 10	0 27	23 38	0 2	18 59	2 3	23 46	23 43	6 51		n.a.
M25	18 38	24 36	1 33	10 33	2 4	24 59	1 34	20 30	2 55	3 49	1 20	23 54	0 8	9 9	0 27	23 38	0 2	18 59	2 3	23 47	23 43	6 48		n.a.
T 26	18 53	24 10	0 21	11 15	1 53	25 5	1 36	20 22	2 57	3 47	1 20	23 54	0 8	9 8	0 27	23 38	0 2	18 59	2 3	23 47	23 44	6 46		n.a.
W27	19 8	22 15	0s54	11 58	1 42	25 11	1 37	20 15	3 0	3 46	1 20	23 54	0 8	9 8	0 27	23 38	0 2	19 0	2 3	23 47	23 44	6 43		n.a.
T 28	19 22	18 59	2 6	12 41	1 30	25 17	1 38	20 8	3 2	3 45	1 19	23 55	0 8	9 7	0 27	23 38	0 2	19 0	2 3	23 47	23 44	6 40		n.a.
F 29	19 35	14 36	3 11	13 26	1 19	25 21	1 39	20 1	3 5	3 43	1 19	23 55	0 8	9 6	0 27	23 38	0 2	19 0	2 3	23 46	23 44	6 37		n.a.
S 30	19 49	9 24	4 6	14 10	1 7	25 25	1 40	19 53	3 7	3 42	1 19	23 55	0 8	9 6	0 27	23 38	0 2	19 1	2 3	23 46	23 44	6 34		n.a.
S 31	20n 2	3n41	4s45	14n55	0s55	25n28	1n41	19s46	3s10	3s41	1n19	23s55	0s 8	9s 5	0n27	23n38	0s 2	19n 1	2s 3	23s46	23s44	6s31		n.a.

Julian Day Number = 1340587.5, Delta T = 07h16m07s
Ecliptic obliquity = 23°49'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'10, Lahiri = -18°21'10 Julian Calendar 1 May 1043 BCE == Greg. Calendar 21 Apr. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

JUNE 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 57 4	28♉58'48	23♍54	14♉13	28♊ 5	15♒ 0	12°R 7	3°R 5	24°R 5	6♋17	2♊43	3°R23	4♑37	3♓ 1	n.a.	M 1
T 2	16 1 0	29°55'53	8♎ 9	16° 7	29°17	15°32	12♎ 4	3♑ 2	24♎ 3	6°19	2°44	3♑20	4°34	3° 8	n.a.	T 2
W 3	16 4 57	0♊52'58	22°20	18° 3	0♋29	16° 3	12° 1	2°59	24° 1	6°21	2°46	3°16	4°31	3°14	n.a.	W 3
T 4	16 8 54	1°50'03	6♏23	20° 2	1°41	16°34	11°59	2°55	23°59	6°23	2°47	3°11	4°28	3°21	n.a.	T 4
F 5	16 12 50	2°47'08	20°13	22° 3	2°53	17° 5	11°56	2°52	23°58	6°25	2°49	3° 7	4°24	3°28	n.a.	F 5
S 6	16 16 47	3°44'14	3♐48	24° 6	4° 5	17°36	11°53	2°48	23°56	6°27	2°50	3° 3	4°21	3°34	n.a.	S 6
S 7	16 20 43	4°41'20	17° 5	26°10	5°17	18° 6	11°51	2°44	23°54	6°29	2°52	3° 1	4°18	3°41	n.a.	S 7
M 8	16 24 40	5°38'27	0♑ 3	28°16	6°29	18°35	11°49	2°41	23°53	6°31	2°54	3°D 0	4°15	3°48	n.a.	M 8
T 9	16 28 36	6°35'35	12°42	0♊23	7°41	19° 5	11°47	2°37	23°51	6°33	2°55	3° 0	4°12	3°54	n.a.	T 9
W10	16 32 33	7°32'43	25° 5	2°30	8°53	19°34	11°46	2°33	23°50	6°35	2°57	3° 1	4° 9	4° 1	n.a.	W10
T 11	16 36 29	8°29'52	7♒14	4°38	10° 5	20° 3	11°44	2°29	23°48	6°37	2°58	3° 3	4° 5	4° 8	n.a.	T 11
F 12	16 40 26	9°27'02	19°13	6°46	11°17	20°31	11°43	2°25	23°47	6°39	3° 0	3° 5	4° 2	4°15	n.a.	F 12
S 13	16 44 23	10°24'12	1♓ 6	8°55	12°29	20°59	11°42	2°21	23°45	6°41	3° 1	3° 6	3°59	4°21	n.a.	S 13
S 14	16 48 19	11°21'24	12°58	11° 2	13°41	21°27	11°41	2°17	23°44	6°43	3° 3	3°R 6	3°56	4°28	n.a.	S 14
M15	16 52 16	12°18'36	24°55	13° 9	14°52	21°54	11°40	2°13	23°42	6°45	3° 4	3° 5	3°53	4°35	n.a.	M15
T 16	16 56 12	13°15'50	6♈59	15°15	16° 4	22°21	11°39	2° 9	23°41	6°47	3° 6	3° 4	3°49	4°41	n.a.	T 16
W17	17 0 9	14°13'04	19°16	17°21	17°16	22°47	11°39	2° 5	23°40	6°49	3° 7	3° 2	3°46	4°48	n.a.	W17
T 18	17 4 5	15°10'20	1♉49	19°25	18°27	23°13	11°38	2° 1	23°38	6°51	3° 9	2°59	3°43	4°55	n.a.	T 18
F 19	17 8 2	16° 7'37	14°41	21°28	19°39	23°38	11°D38	1°57	23°37	6°53	3°10	2°57	3°40	5° 2	n.a.	F 19
S 20	17 11 59	17° 4'54	27°51	23°29	20°50	24° 3	11°38	1°53	23°36	6°55	3°12	2°55	3°37	5° 8	n.a.	S 20
S 21	17 15 55	18° 2'13	11♊21	25°29	22° 2	24°28	11°39	1°48	23°35	6°57	3°13	2°53	3°34	5°15	n.a.	S 21
M22	17 19 52	18°59'33	25° 8	27°28	23°13	24°52	11°39	1°44	23°34	6°59	3°15	2°52	3°30	5°22	n.a.	M22
T 23	17 23 48	19°56'54	9♋10	29°25	24°25	25°15	11°40	1°40	23°33	7° 2	3°16	2°D52	3°27	5°28	n.a.	T 23
W24	17 27 45	20°54'16	23°23	1♋21	25°36	25°38	11°41	1°35	23°32	7° 4	3°18	2°53	3°24	5°35	n.a.	W24
T 25	17 31 41	21°51'38	7♌42	3°15	26°48	26° 1	11°42	1°31	23°31	7° 6	3°19	2°54	3°21	5°42	n.a.	T 25
F 26	17 35 38	22°49'01	22° 4	5° 7	27°59	26°23	11°43	1°27	23°30	7° 8	3°21	2°55	3°18	5°48	n.a.	F 26
S 27	17 39 34	23°46'26	6♍25	6°58	29°10	26°44	11°44	1°22	23°29	7°10	3°22	2°55	3°15	5°55	n.a.	S 27
S 28	17 43 31	24°43'50	20°41	8°47	0♌21	27° 5	11°46	1°18	23°29	7°12	3°24	2°R56	3°11	6° 2	n.a.	S 28
M29	17 47 28	25°41'16	4♎51	10°35	1°33	27°25	11°48	1°13	23°28	7°15	3°25	2°55	3° 8	6° 9	n.a.	M29
T 30	17 51 24	26♊38'43	18♎51	12♋21	2♌44	27♒45	11♎50	1♑ 9	23♎27	7♋17	3♊27	2♑55	3♑ 5	6♓15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n15	2s14	5s 7	15n40	0s43	25n30	1n42	19s39	3s12	3s40	1n18	23s55	0s 8	9s 4	0n27	23n38	0s 2	19n 1	2s 3	23s47	23s44	6s29		n.a.
T 2	20 27	8 1	5 10	16 26	0 31	25 32	1 43	19 32	3 15	3 39	1 18	23 56	0 8	9 3	0 27	23 38	0 2	19 2	2 3	23 47	23 44	6 26		n.a.
W 3	20 40	13 22	4 55	17 10	0 19	25 33	1 43	19 24	3 17	3 38	1 18	23 56	0 9	9 3	0 27	23 38	0 2	19 2	2 3	23 47	23 44	6 23		n.a.
T 4	20 51	17 57	4 21	17 54	0 8	25 33	1 44	19 17	3 20	3 37	1 17	23 56	0 9	9 2	0 27	23 38	0 2	19 3	2 3	23 47	23 45	6 20		n.a.
F 5	21 3	21 29	3 33	18 38	0n 3	25 32	1 45	19 10	3 22	3 37	1 17	23 56	0 9	9 2	0 27	23 38	0 2	19 3	2 3	23 47	23 45	6 17		n.a.
S 6	21 14	23 45	2 33	19 20	0 15	25 30	1 45	19 3	3 25	3 36	1 17	23 56	0 9	9 1	0 27	23 37	0 2	19 3	2 3	23 47	23 45	6 14		n.a.
S 7	21 25	24 37	1 26	20 1	0 25	25 28	1 46	18 56	3 28	3 35	1 17	23 56	0 9	9 0	0 27	23 37	0 2	19 4	2 3	23 47	23 45	6 11		n.a.
M 8	21 35	24 5	0 16	20 40	0 35	25 25	1 46	18 49	3 30	3 35	1 16	23 57	0 9	9 0	0 27	23 37	0 2	19 4	2 3	23 47	23 45	6 9		n.a.
T 9	21 45	22 19	0n53	21 17	0 45	25 22	1 46	18 42	3 33	3 34	1 16	23 57	0 9	8 59	0 27	23 37	0 2	19 4	2 2	23 47	23 45	6 6		n.a.
W10	21 55	19 31	1 58	21 53	0 54	25 17	1 46	18 35	3 35	3 34	1 16	23 57	0 9	8 59	0 27	23 37	0 2	19 5	2 2	23 47	23 45	6 3		n.a.
T 11	22 4	15 54	2 57	22 26	1 3	25 12	1 47	18 28	3 38	3 33	1 15	23 57	0 9	8 58	0 27	23 37	0 2	19 5	2 2	23 47	23 45	6 0		n.a.
F 12	22 13	11 42	3 47	22 57	1 11	25 6	1 47	18 21	3 41	3 33	1 15	23 57	0 9	8 57	0 27	23 37	0 2	19 5	2 2	23 47	23 45	5 57		n.a.
S 13	22 22	7 6	4 27	23 25	1 18	24 59	1 47	18 15	3 43	3 33	1 15	23 57	0 10	8 57	0 27	23 37	0 2	19 6	2 2	23 47	23 46	5 54		n.a.
S 14	22 30	2 15	4 56	23 51	1 24	24 52	1 46	18 8	3 46	3 33	1 15	23 58	0 10	8 56	0 27	23 37	0 2	19 6	2 2	23 47	23 46	5 51		n.a.
M15	22 38	2n42	5 12	24 14	1 30	24 44	1 46	18 1	3 49	3 33	1 14	23 58	0 10	8 56	0 27	23 37	0 2	19 6	2 2	23 47	23 46	5 49		n.a.
T 16	22 45	7 37	5 14	24 34	1 35	24 35	1 46	17 55	3 51	3 33	1 14	23 58	0 10	8 56	0 27	23 37	0 2	19 7	2 2	23 47	23 46	5 46		n.a.
W17	22 52	12 19	5 2	24 51	1 39	24 26	1 45	17 49	3 54	3 33	1 14	23 58	0 10	8 55	0 27	23 36	0 2	19 7	2 2	23 47	23 46	5 43		n.a.
T 18	22 59	16 36	4 36	25 6	1 43	24 15	1 45	17 43	3 57	3 33	1 13	23 58	0 10	8 55	0 27	23 36	0 2	19 7	2 2	23 47	23 46	5 40		n.a.
F 19	23 5	20 14	3 56	25 18	1 46	24 5	1 44	17 36	3 59	3 33	1 13	23 58	0 10	8 54	0 26	23 36	0 2	19 8	2 2	23 47	23 46	5 37		n.a.
S 20	23 11	22 56	3 2	25 27	1 48	23 53	1 44	17 30	4 2	3 34	1 13	23 59	0 10	8 54	0 26	23 36	0 2	19 8	2 2	23 47	23 46	5 34		n.a.
S 21	23 16	24 25	1 56	25 34	1 50	23 41	1 43	17 25	4 5	3 34	1 12	23 59	0 10	8 53	0 26	23 36	0 2	19 8	2 2	23 47	23 46	5 31		n.a.
M22	23 21	24 26	0 43	25 38	1 51	23 28	1 42	17 19	4 7	3 35	1 12	23 59	0 10	8 53	0 26	23 36	0 2	19 9	2 2	23 47	23 46	5 29		n.a.
T 23	23 26	22 55	0s35	25 40	1 51	23 14	1 41	17 13	4 10	3 35	1 12	23 59	0 11	8 53	0 26	23 36	0 2	19 9	2 2	23 47	23 46	5 26		n.a.
W24	23 30	19 56	1 51	25 39	1 51	23 0	1 40	17 8	4 13	3 36	1 11	23 59	0 11	8 52	0 26	23 36	0 2	19 9	2 2	23 47	23 46	5 23		n.a.
T 25	23 34	15 43	3 1	25 37	1 50	22 45	1 39	17 3	4 16	3 36	1 11	23 59	0 11	8 52	0 26	23 36	0 2	19 10	2 2	23 47	23 47	5 20		n.a.
F 26	23 37	10 36	4 0	25 31	1 48	22 30	1 38	16 57	4 18	3 37	1 11	24 0	0 11	8 52	0 26	23 36	0 2	19 10	2 2	23 47	23 47	5 17		n.a.
S 27	23 40	4 55	4 44	25 24	1 46	22 14	1 37	16 52	4 21	3 38	1 11	24 0	0 11	8 51	0 26	23 35	0 2	19 10	2 2	23 47	23 47	5 14		n.a.
S 28	23 43	0s59	5 10	25 15	1 44	21 57	1 36	16 48	4 24	3 39	1 10	24 0	0 11	8 51	0 26	23 35	0 2	19 11	2 2	23 47	23 47	5 11		n.a.
M29	23 45	6 47	5 17	25 4	1 41	21 40	1 34	16 43	4 26	3 40	1 10	24 0	0 11	8 51	0 26	23 35	0 2	19 11	2 2	23 47	23 47	5 9		n.a.
T 30	23n47	12s10	5s 5	24n51	1n37	21n22	1n33	16s39	4s29	3s41	1n10	24s 0	0s11	8s51	0n26	23n35	0s 2	19n11	2s 1	23s47	23s47	5s 6		n.a.

Julian Day Number = 1340618.5, Delta T = 07h16m06s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'06, Lahiri = -18°21'06 Julian Calendar 1 June 1043 BCE == Greg. Calendar 22 May 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

JULY 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 55 21	27♊36'10	2♏40	14♋ 5	3♌55	28♒ 4	11♎52	1°R 4	23°R27	7♋19	3♊28	2°R55	3♑ 2	6♓22	n.a.	W 1
T 2	17 59 17	28°33'39	16°17	15°48	5° 6	28°23	11°54	1♑ 0	23♎26	7°21	3°29	2♑54	2°59	6°29	n.a.	T 2
F 3	18 3 14	29°31'09	29°40	17°29	6°17	28°40	11°56	0°55	23°25	7°23	3°31	2°54	2°55	6°35	n.a.	F 3
S 4	18 7 10	0♋28'39	12♐50	19° 9	7°27	28°58	11°59	0°51	23°25	7°26	3°32	2°53	2°52	6°42	n.a.	S 4
S 5	18 11 7	1°26'12	25°46	20°47	8°38	29°15	12° 2	0°46	23°25	7°28	3°34	2°53	2°49	6°49	n.a.	S 5
M 6	18 15 3	2°23'45	8♑27	22°24	9°49	29°31	12° 5	0°42	23°24	7°30	3°35	2°D53	2°46	6°56	n.a.	M 6
T 7	18 19 0	3°21'20	20°55	23°59	11° 0	29°46	12° 8	0°37	23°24	7°32	3°36	2°R53	2°43	7° 2	n.a.	T 7
W 8	18 22 57	4°18'56	3♒11	25°33	12°10	0♓ 1	12°11	0°33	23°24	7°35	3°38	2°53	2°40	7° 9	n.a.	W 8
T 9	18 26 53	5°16'34	15°16	27° 5	13°21	0°15	12°15	0°28	23°23	7°37	3°39	2°53	2°36	7°16	n.a.	T 9
F 10	18 30 50	6°14'14	27°13	28°35	14°31	0°28	12°19	0°24	23°23	7°39	3°40	2°53	2°33	7°22	n.a.	F 10
S 11	18 34 46	7°11'55	9♓ 6	0♌ 4	15°42	0°41	12°22	0°19	23°23	7°41	3°42	2°52	2°30	7°29	n.a.	S 11
S 12	18 38 43	8° 9'38	20°58	1°31	16°52	0°53	12°26	0°15	23°23	7°43	3°43	2°52	2°27	7°36	n.a.	S 12
M13	18 42 39	9° 7'23	2♈54	2°57	18° 2	1° 4	12°31	0°11	23°D23	7°46	3°44	2°51	2°24	7°43	n.a.	M13
T 14	18 46 36	10° 5'09	14°57	4°21	19°13	1°14	12°35	0° 6	23°23	7°48	3°46	2°D51	2°21	7°49	n.a.	T 14
W15	18 50 32	11° 2'58	27°13	5°44	20°23	1°24	12°39	0° 2	23°23	7°50	3°47	2°52	2°17	7°56	n.a.	W15
T 16	18 54 29	12° 0'48	9♉46	7° 5	21°33	1°32	12°44	29♐57	23°23	7°52	3°48	2°52	2°14	8° 3	n.a.	T 16
F 17	18 58 26	12°58'40	22°39	8°24	22°43	1°40	12°49	29°53	23°23	7°55	3°49	2°53	2°11	8° 9	n.a.	F 17
S 18	19 2 22	13°56'34	5♊55	9°42	23°53	1°48	12°54	29°49	23°24	7°57	3°51	2°54	2° 8	8°16	n.a.	S 18
S 19	19 6 19	14°54'30	19°36	10°57	25° 3	1°54	12°59	29°45	23°24	7°59	3°52	2°55	2° 5	8°23	n.a.	S 19
M20	19 10 15	15°52'28	3♋39	12°11	26°13	1°59	13° 4	29°40	23°24	8° 1	3°53	2°R55	2° 1	8°30	n.a.	M20
T 21	19 14 12	16°50'28	18° 2	13°23	27°22	2° 4	13°10	29°36	23°25	8° 3	3°54	2°55	1°58	8°36	n.a.	T 21
W22	19 18 8	17°48'30	2♌41	14°32	28°32	2° 8	13°15	29°32	23°25	8° 6	3°56	2°54	1°55	8°43	n.a.	W22
T 23	19 22 5	18°46'33	17°28	15°40	29°42	2°11	13°21	29°28	23°26	8° 8	3°57	2°52	1°52	8°50	n.a.	T 23
F 24	19 26 1	19°44'37	2♍15	16°46	0♍51	2°13	13°27	29°24	23°26	8°10	3°58	2°50	1°49	8°56	n.a.	F 24
S 25	19 29 58	20°42'44	16°56	17°49	2° 1	2°14	13°33	29°20	23°27	8°12	3°59	2°48	1°46	9° 3	n.a.	S 25
S 26	19 33 55	21°40'51	1♎26	18°49	3°10	2°R15	13°40	29°16	23°27	8°14	4° 0	2°46	1°42	9°10	n.a.	S 26
M27	19 37 51	22°39'01	15°39	19°47	4°19	2°14	13°46	29°12	23°28	8°17	4° 1	2°45	1°39	9°17	n.a.	M27
T 28	19 41 48	23°37'12	29°34	20°43	5°28	2°13	13°52	29° 8	23°29	8°19	4° 2	2°D45	1°36	9°23	n.a.	T 28
W29	19 45 44	24°35'24	13♏10	21°35	6°37	2°11	13°59	29° 4	23°30	8°21	4° 3	2°46	1°33	9°30	n.a.	W29
T 30	19 49 41	25°33'38	26°29	22°24	7°46	2° 7	14° 6	29° 0	23°30	8°23	4° 4	2°47	1°30	9°37	n.a.	T 30
F 31	19 53 37	26♋31'54	9♐31	23♌10	8♍55	2♓ 3	14♎13	28♐57	23♎31	8♋25	4♊ 5	2♑49	1♑26	9♓43	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat	
W 1	23n48	16s53	4s35	24n36	1n33	21n 3	1n31	16s34	4s32	3s42	1n 9	24s 0	0s11	8s51	0n26	23n35	0s 2	19n12	2s 1	23s47	23s47	5s 3			n.a.	W 1
T 2	23 49	20 38	3 51	24 20	1 29	20 44	1 29	16 30	4 35	3 43	1 9	24 0	0 11	8 50	0 26	23 35	0 2	19 12	2 1	23 47	23 47	5 0			n.a.	T 2
F 3	23 49	23 14	2 54	24 3	1 24	20 25	1 28	16 26	4 37	3 44	1 9	24 1	0 12	8 50	0 26	23 35	0 2	19 12	2 1	23 47	23 47	4 57			n.a.	F 3
S 4	23 49	24 30	1 49	23 44	1 19	20 5	1 26	16 23	4 40	3 46	1 8	24 1	0 12	8 50	0 26	23 35	0 2	19 13	2 1	23 47	23 47	4 54			n.a.	S 4
S 5	23 49	24 24	0 39	23 23	1 13	19 44	1 24	16 19	4 43	3 47	1 8	24 1	0 12	8 50	0 26	23 35	0 2	19 13	2 1	23 47	23 47	4 51			n.a.	S 5
M 6	23 48	23 2	0n31	23 2	1 7	19 23	1 22	16 16	4 45	3 49	1 8	24 1	0 12	8 50	0 26	23 34	0 2	19 13	2 1	23 47	23 47	4 49			n.a.	M 6
T 7	23 47	20 33	1 38	22 39	1 1	19 1	1 20	16 13	4 48	3 50	1 8	24 1	0 12	8 50	0 26	23 34	0 2	19 14	2 1	23 47	23 47	4 46			n.a.	T 7
W 8	23 45	17 9	2 40	22 16	0 55	18 39	1 17	16 10	4 51	3 52	1 7	24 1	0 12	8 50	0 26	23 34	0 2	19 14	2 1	23 47	23 48	4 43			n.a.	W 8
T 9	23 43	13 6	3 34	21 51	0 48	18 17	1 15	16 7	4 53	3 53	1 7	24 1	0 12	8 50	0 26	23 34	0 2	19 14	2 1	23 47	23 48	4 40			n.a.	T 9
F 10	23 40	8 36	4 18	21 26	0 40	17 54	1 13	16 5	4 56	3 55	1 7	24 1	0 12	8 50	0 26	23 34	0 2	19 14	2 1	23 47	23 48	4 37			n.a.	F 10
S 11	23 37	3 48	4 50	21 0	0 33	17 30	1 10	16 3	4 59	3 57	1 6	24 1	0 12	8 49	0 26	23 34	0 2	19 15	2 1	23 47	23 48	4 34			n.a.	S 11
S 12	23 34	1n 6	5 10	20 33	0 25	17 6	1 8	16 1	5 1	3 59	1 6	24 2	0 12	8 49	0 26	23 34	0 2	19 15	2 1	23 47	23 48	4 32			n.a.	S 12
M13	23 30	6 0	5 17	20 5	0 17	16 42	1 5	15 59	5 4	4 1	1 6	24 2	0 12	8 50	0 26	23 34	0 2	19 15	2 1	23 47	23 48	4 29			n.a.	M13
T 14	23 26	10 44	5 10	19 37	0 9	16 17	1 3	15 58	5 6	4 3	1 6	24 2	0 13	8 50	0 26	23 33	0 2	19 15	2 1	23 47	23 48	4 26			n.a.	T 14
W15	23 21	15 7	4 49	19 9	0 1	15 52	1 0	15 57	5 9	4 5	1 5	24 2	0 13	8 50	0 26	23 33	0 2	19 16	2 1	23 47	23 48	4 23			n.a.	W15
T 16	23 16	18 58	4 14	18 40	0s 8	15 26	0 57	15 56	5 11	4 7	1 5	24 2	0 13	8 50	0 26	23 33	0 2	19 16	2 1	23 47	23 48	4 20			n.a.	T 16
F 17	23 10	22 1	3 25	18 11	0 17	15 0	0 54	15 55	5 14	4 9	1 5	24 2	0 13	8 50	0 26	23 33	0 2	19 16	2 1	23 47	23 48	4 17			n.a.	F 17
S 18	23 5	24 0	2 24	17 41	0 26	14 34	0 51	15 55	5 16	4 11	1 4	24 2	0 13	8 50	0 26	23 33	0 2	19 17	2 1	23 47	23 48	4 14			n.a.	S 18
S 19	22 58	24 37	1 13	17 12	0 35	14 8	0 48	15 54	5 19	4 13	1 4	24 2	0 13	8 50	0 26	23 33	0 2	19 17	2 1	23 47	23 48	4 12			n.a.	S 19
M20	22 51	23 42	0s 4	16 42	0 44	13 41	0 45	15 55	5 21	4 16	1 4	24 2	0 13	8 50	0 26	23 33	0 2	19 17	2 1	23 47	23 48	4 9			n.a.	M20
T 21	22 44	21 13	1 23	16 13	0 54	13 13	0 41	15 55	5 23	4 18	1 4	24 2	0 13	8 50	0 26	23 33	0 2	19 17	2 1	23 47	23 48	4 6			n.a.	T 21
W22	22 37	17 19	2 37	15 43	1 4	12 46	0 38	15 56	5 26	4 21	1 3	24 2	0 13	8 51	0 25	23 32	0 2	19 18	2 1	23 47	23 48	4 3			n.a.	W22
T 23	22 29	12 20	3 42	15 14	1 13	12 18	0 35	15 57	5 28	4 23	1 3	24 2	0 13	8 51	0 25	23 32	0 2	19 18	2 1	23 47	23 48	4 0			n.a.	T 23
F 24	22 20	6 37	4 32	14 45	1 23	11 50	0 31	15 58	5 30	4 26	1 3	24 3	0 13	8 51	0 25	23 32	0 2	19 18	2 1	23 47	23 48	3 57			n.a.	F 24
S 25	22 12	0 35	5 3	14 16	1 33	11 21	0 27	15 59	5 32	4 28	1 3	24 3	0 14	8 51	0 25	23 32	0 2	19 18	2 1	23 47	23 48	3 54			n.a.	S 25
S 26	22 2	5s23	5 15	13 48	1 43	10 52	0 24	16 1	5 34	4 31	1 2	24 3	0 14	8 52	0 25	23 32	0 2	19 19	2 1	23 47	23 48	3 52			n.a.	S 26
M27	21 53	10 58	5 7	13 20	1 52	10 23	0 20	16 3	5 36	4 34	1 2	24 3	0 14	8 52	0 25	23 32	0 2	19 19	2 1	23 47	23 49	3 49			n.a.	M27
T 28	21 43	15 52	4 42	12 53	2 2	9 54	0 16	16 5	5 38	4 37	1 2	24 3	0 14	8 52	0 25	23 32	0 1	19 19	2 1	23 47	23 49	3 46			n.a.	T 28
W29	21 33	19 51	4 0	12 27	2 12	9 25	0 13	16 8	5 39	4 40	1 1	24 3	0 14	8 52	0 25	23 32	0 1	19 19	2 1	23 47	23 49	3 43			n.a.	W29
T 30	21 22	22 42	3 7	12 2	2 22	8 55	0 9	16 10	5 41	4 42	1 1	24 3	0 14	8 53	0 25	23 31	0 1	19 19	2 1	23 47	23 49	3 40			n.a.	T 30
F 31	21n11	24s17	2s 5	11n38	2s32	8n25	0n 5	16s13	5s43	4s45	1n 1	24s 3	0s14	8s53	0n25	23n31	0s 1	19n20	2s 1	23s47	23s49	3s37			n.a.	F 31

Julian Day Number = 1340648.5, Delta T = 07h16m04s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°28'02, Lahiri = -18°21'02 Julian Calendar 1 July 1043 BCE == Greg. Calendar 21 June 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

AUGUST 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 34	27♋30'12	22♐19	23♌52	10♍ 4	1°R59	14♎20	28°R53	23♎32	8♋27	4♊ 6	2♑50	1♑23	9♓50	n.a.	S 1
S 2	20 1 30	28°28'32	4♑55	24°31	11°13	1♓53	14°27	28♐49	23°33	8°29	4° 7	2°R50	1°20	9°57	n.a.	S 2
M 3	20 5 27	29°26'53	17°19	25° 5	12°21	1°47	14°35	28°46	23°34	8°32	4° 8	2°50	1°17	10° 4	n.a.	M 3
T 4	20 9 24	0♌25'16	29°33	25°35	13°30	1°39	14°42	28°42	23°36	8°34	4° 9	2°47	1°14	10°10	n.a.	T 4
W 5	20 13 20	1°23'41	11♒40	26° 1	14°38	1°31	14°50	28°39	23°37	8°36	4°10	2°44	1°11	10°17	n.a.	W 5
T 6	20 17 17	2°22'09	23°39	26°21	15°46	1°22	14°57	28°35	23°38	8°38	4°11	2°39	1° 7	10°24	n.a.	T 6
F 7	20 21 13	3°20'38	5♓34	26°36	16°54	1°12	15° 5	28°32	23°39	8°40	4°12	2°34	1° 4	10°30	n.a.	F 7
S 8	20 25 10	4°19'09	17°26	26°46	18° 2	1° 2	15°13	28°29	23°40	8°42	4°13	2°28	1° 1	10°37	n.a.	S 8
S 9	20 29 6	5°17'43	29°17	26°R49	19°10	0°51	15°22	28°26	23°42	8°44	4°14	2°23	0°58	10°44	n.a.	S 9
M10	20 33 3	6°16'19	11♈12	26°46	20°18	0°38	15°30	28°23	23°43	8°46	4°15	2°19	0°55	10°51	n.a.	M10
T 11	20 36 59	7°14'58	23°13	26°36	21°25	0°26	15°38	28°20	23°45	8°48	4°15	2°16	0°52	10°57	n.a.	T 11
W12	20 40 56	8°13'38	5♉26	26°20	22°33	0°12	15°47	28°17	23°46	8°50	4°16	2°D15	0°48	11° 4	n.a.	W12
T 13	20 44 52	9°12'22	17°54	25°57	23°40	29♒58	15°55	28°14	23°48	8°52	4°17	2°16	0°45	11°11	n.a.	T 13
F 14	20 48 49	10°11'07	0♊43	25°26	24°47	29°43	16° 4	28°11	23°49	8°54	4°18	2°17	0°42	11°17	n.a.	F 14
S 15	20 52 46	11° 9'55	13°56	24°49	25°54	29°28	16°13	28° 9	23°51	8°56	4°19	2°18	0°39	11°24	n.a.	S 15
S 16	20 56 42	12° 8'46	27°35	24° 5	27° 1	29°12	16°22	28° 6	23°53	8°58	4°19	2°R19	0°36	11°31	n.a.	S 16
M17	21 0 39	13° 7'38	11♋43	23°15	28° 8	28°55	16°31	28° 3	23°54	9° 0	4°20	2°19	0°32	11°38	n.a.	M17
T 18	21 4 35	14° 6'34	26°16	22°19	29°15	28°38	16°40	28° 1	23°56	9° 2	4°21	2°17	0°29	11°44	n.a.	T 18
W19	21 8 32	15° 5'31	11♌10	21°18	0♎21	28°21	16°50	27°59	23°58	9° 4	4°21	2°13	0°26	11°51	n.a.	W19
T 20	21 12 28	16° 4'30	26°18	20°14	1°27	28° 3	16°59	27°56	24° 0	9° 6	4°22	2° 7	0°23	11°58	n.a.	T 20
F 21	21 16 25	17° 3'32	11♍28	19° 7	2°34	27°45	17° 9	27°54	24° 2	9° 7	4°22	2° 1	0°20	12° 4	n.a.	F 21
S 22	21 20 21	18° 2'35	26°32	18° 0	3°39	27°26	17°19	27°52	24° 4	9° 9	4°23	1°54	0°17	12°11	n.a.	S 22
S 23	21 24 18	19° 1'41	11♎20	16°54	4°45	27° 8	17°28	27°50	24° 6	9°11	4°24	1°48	0°13	12°18	n.a.	S 23
M24	21 28 15	20° 0'48	25°46	15°50	5°51	26°49	17°38	27°48	24° 8	9°13	4°24	1°43	0°10	12°25	n.a.	M24
T 25	21 32 11	20°59'58	9♏46	14°52	6°56	26°30	17°48	27°46	24°10	9°15	4°25	1°41	0° 7	12°31	n.a.	T 25
W26	21 36 8	21°59'09	23°21	13°59	8° 2	26°10	17°58	27°45	24°12	9°16	4°25	1°D40	0° 4	12°38	n.a.	W26
T 27	21 40 4	22°58'22	6♐32	13°14	9° 7	25°51	18° 9	27°43	24°14	9°18	4°26	1°41	0° 1	12°45	n.a.	T 27
F 28	21 44 1	23°57'37	19°23	12°38	10°11	25°32	18°19	27°42	24°17	9°20	4°26	1°42	29♐58	12°51	n.a.	F 28
S 29	21 47 57	24°56'54	1♑57	12°11	11°16	25°13	18°29	27°40	24°19	9°21	4°27	1°R43	29°54	12°58	n.a.	S 29
S 30	21 51 54	25°56'14	14°17	11°55	12°20	24°54	18°40	27°39	24°21	9°23	4°27	1°42	29°51	13° 5	n.a.	S 30
M31	21 55 50	26♌55'35	26♑28	11°D50	13♎24	24♒35	18♎50	27♐38	24♎24	9♋25	4♊27	1♑39	29♐48	13♓12	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n59	24s33	0s58	11n15	2s41	7n55	0n 1	16s16	5s44	4s48	1n 1	24s 3	0s14	8s54	0n25	23n31	0s 1	19n20	2s 1	23s47	23s49	3s35		n.a.
S 2	20 48	23 32	0n11	10 53	2 51	7 25	0s 3	16 20	5 46	4 52	1 0	24 3	0 14	8 54	0 25	23 31	0 1	19 20	2 1	23 47	23 49	3 32		n.a.
M 3	20 35	21 23	1 19	10 33	3 0	6 55	0 8	16 23	5 47	4 55	1 0	24 3	0 14	8 54	0 25	23 31	0 1	19 20	2 1	23 47	23 49	3 29		n.a.
T 4	20 23	18 16	2 21	10 14	3 8	6 25	0 12	16 27	5 48	4 58	1 0	24 3	0 14	8 55	0 25	23 31	0 1	19 20	2 0	23 47	23 49	3 26		n.a.
W 5	20 10	14 25	3 17	9 58	3 17	5 54	0 16	16 31	5 49	5 1	1 0	24 3	0 14	8 55	0 25	23 31	0 1	19 21	2 0	23 47	23 49	3 23		n.a.
T 6	19 57	10 2	4 3	9 43	3 25	5 23	0 20	16 35	5 50	5 4	0 59	24 3	0 14	8 56	0 25	23 31	0 1	19 21	2 0	23 48	23 49	3 20		n.a.
F 7	19 43	5 19	4 38	9 31	3 32	4 52	0 25	16 40	5 51	5 8	0 59	24 3	0 15	8 56	0 25	23 30	0 1	19 21	2 0	23 48	23 49	3 18		n.a.
S 8	19 29	0 26	5 1	9 21	3 39	4 21	0 29	16 44	5 52	5 11	0 59	24 3	0 15	8 57	0 25	23 30	0 1	19 21	2 0	23 48	23 49	3 15		n.a.
S 9	19 15	4n27	5 11	9 14	3 46	3 50	0 33	16 49	5 52	5 14	0 59	24 3	0 15	8 57	0 25	23 30	0 1	19 21	2 0	23 48	23 49	3 12		n.a.
M10	19 0	9 12	5 8	9 10	3 51	3 19	0 38	16 54	5 53	5 18	0 59	24 3	0 15	8 58	0 25	23 30	0 1	19 22	2 0	23 48	23 49	3 9		n.a.
T 11	18 45	13 39	4 51	9 9	3 55	2 48	0 43	16 59	5 53	5 21	0 58	24 3	0 15	8 58	0 25	23 30	0 1	19 22	2 0	23 48	23 49	3 6		n.a.
W12	18 30	17 38	4 21	9 12	3 59	2 17	0 47	17 4	5 53	5 25	0 58	24 3	0 15	8 59	0 25	23 30	0 1	19 22	2 0	23 48	23 49	3 3		n.a.
T 13	18 14	20 55	3 38	9 18	4 1	1 46	0 52	17 9	5 53	5 28	0 58	24 3	0 15	9 0	0 25	23 30	0 1	19 22	2 0	23 48	23 49	3 1		n.a.
F 14	17 58	23 17	2 43	9 28	4 1	1 14	0 56	17 14	5 53	5 32	0 58	24 3	0 15	9 0	0 25	23 30	0 1	19 22	2 0	23 48	23 49	2 58		n.a.
S 15	17 42	24 28	1 38	9 41	4 0	0 43	1 1	17 20	5 53	5 36	0 57	24 4	0 15	9 1	0 25	23 30	0 1	19 22	2 0	23 48	23 49	2 55		n.a.
S 16	17 25	24 14	0 26	9 58	3 58	0 12	1 6	17 25	5 52	5 39	0 57	24 4	0 15	9 2	0 25	23 29	0 1	19 22	2 0	23 48	23 49	2 52		n.a.
M17	17 9	22 27	0s51	10 19	3 53	0s19	1 11	17 30	5 52	5 43	0 57	24 4	0 15	9 2	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 49		n.a.
T 18	16 51	19 10	2 6	10 44	3 46	0 51	1 15	17 36	5 51	5 47	0 57	24 4	0 15	9 3	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 46		n.a.
W19	16 34	14 35	3 14	11 11	3 38	1 22	1 20	17 41	5 50	5 51	0 56	24 4	0 15	9 4	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 44		n.a.
T 20	16 16	9 2	4 10	11 42	3 27	1 53	1 25	17 47	5 49	5 55	0 56	24 4	0 16	9 4	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 41		n.a.
F 21	15 58	2 56	4 49	12 15	3 15	2 24	1 30	17 52	5 48	5 59	0 56	24 4	0 16	9 5	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 38		n.a.
S 22	15 40	3s17	5 7	12 49	3 0	2 55	1 35	17 57	5 46	6 3	0 56	24 4	0 16	9 6	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 35		n.a.
S 23	15 21	9 12	5 4	13 25	2 44	3 26	1 40	18 2	5 45	6 7	0 56	24 4	0 16	9 7	0 25	23 29	0 1	19 23	2 0	23 48	23 49	2 32		n.a.
M24	15 2	14 28	4 41	14 0	2 27	3 57	1 45	18 7	5 43	6 11	0 55	24 4	0 16	9 8	0 24	23 28	0 1	19 23	2 0	23 48	23 49	2 29		n.a.
T 25	14 43	18 48	4 3	14 36	2 8	4 28	1 50	18 12	5 41	6 15	0 55	24 4	0 16	9 8	0 24	23 28	0 1	19 24	2 0	23 49	23 49	2 27		n.a.
W26	14 24	21 59	3 11	15 9	1 49	4 59	1 55	18 17	5 39	6 19	0 55	24 4	0 16	9 9	0 24	23 28	0 1	19 24	2 0	23 49	23 49	2 24		n.a.
T 27	14 5	23 54	2 11	15 41	1 29	5 29	1 59	18 22	5 37	6 23	0 55	24 4	0 16	9 10	0 24	23 28	0 1	19 24	2 0	23 49	23 49	2 21		n.a.
F 28	13 45	24 29	1 6	16 11	1 9	6 0	2 4	18 26	5 34	6 27	0 55	24 4	0 16	9 11	0 24	23 28	0 1	19 24	2 0	23 48	23 49	2 18		n.a.
S 29	13 25	23 47	0n 1	16 37	0 49	6 30	2 9	18 30	5 32	6 31	0 54	24 4	0 16	9 12	0 24	23 28	0 1	19 24	2 0	23 48	23 49	2 15		n.a.
S 30	13 4	21 56	1 7	17 0	0 30	7 0	2 14	18 35	5 29	6 36	0 54	24 4	0 16	9 13	0 24	23 28	0 1	19 24	2 0	23 48	23 49	2 12		n.a.
M31	12n44	19s 5	2n 9	17n20	0s12	7s30	2s19	18s38	5s26	6s40	0n54	24s 4	0s16	9s14	0n24	23n28	0s 1	19n24	2s 0	23s49	23s49	2s10		n.a.

Julian Day Number = 1340679.5, Delta T = 07h16m03s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'58, Lahiri = -18°20'57 Julian Calendar 1 Aug. 1043 BCE == Greg. Calendar 22 July 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

SEPTEMBER 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 47	27♌54'57	8♒31	11♌55	14♎28	24°R16	19♎ 1	27°R36	24♎26	9♋26	4♊28	1°R33	29♐45	13♓18	n.a.	T 1
W 2	22 3 44	28°54'23	20°29	12°10	15°32	23♒58	19°12	27♐35	24°29	9°28	4°28	1♑25	29°42	13°25	n.a.	W 2
T 3	22 7 40	29°53'50	2♓23	12°36	16°35	23°40	19°23	27°35	24°31	9°30	4°28	1°15	29°38	13°32	n.a.	T 3
F 4	22 11 37	0♍53'19	14°16	13°11	17°38	23°22	19°34	27°34	24°34	9°31	4°29	1° 3	29°35	13°38	n.a.	F 4
S 5	22 15 33	1°52'51	26° 8	13°56	18°41	23° 5	19°45	27°33	24°36	9°33	4°29	0°51	29°32	13°45	n.a.	S 5
S 6	22 19 30	2°52'24	8♈ 1	14°48	19°44	22°48	19°56	27°32	24°39	9°34	4°29	0°40	29°29	13°52	n.a.	S 6
M 7	22 23 26	3°52'01	19°57	15°48	20°46	22°31	20° 7	27°32	24°41	9°36	4°29	0°30	29°26	13°59	n.a.	M 7
T 8	22 27 23	4°51'39	2♉ 0	16°55	21°48	22°15	20°18	27°31	24°44	9°37	4°29	0°23	29°23	14° 5	n.a.	T 8
W 9	22 31 19	5°51'20	14°11	18° 7	22°50	22° 0	20°29	27°31	24°47	9°39	4°30	0°18	29°19	14°12	n.a.	W 9
T 10	22 35 16	6°51'03	26°37	19°25	23°51	21°45	20°41	27°31	24°49	9°40	4°30	0°16	29°16	14°19	n.a.	T 10
F 11	22 39 12	7°50'49	9♊19	20°47	24°52	21°30	20°52	27°31	24°52	9°41	4°30	0°D15	29°13	14°26	n.a.	F 11
S 12	22 43 9	8°50'38	22°24	22°13	25°53	21°17	21° 4	27°D31	24°55	9°43	4°30	0°16	29°10	14°32	n.a.	S 12
S 13	22 47 6	9°50'28	5♋55	23°42	26°53	21° 3	21°16	27°31	24°58	9°44	4°30	0°R16	29° 7	14°39	n.a.	S 13
M14	22 51 2	10°50'21	19°55	25°14	27°53	20°51	21°27	27°31	25° 1	9°45	4°30	0°14	29° 4	14°46	n.a.	M14
T 15	22 54 59	11°50'17	4♌23	26°48	28°53	20°39	21°39	27°31	25° 4	9°46	4°R30	0°10	29° 0	14°52	n.a.	T 15
W16	22 58 55	12°50'14	19°16	28°23	29°52	20°28	21°51	27°32	25° 7	9°48	4°30	0° 4	28°57	14°59	n.a.	W16
T 17	23 2 52	13°50'14	4♍28	0♍ 0	0♏51	20°18	22° 3	27°32	25°10	9°49	4°30	29♐55	28°54	15° 6	n.a.	T 17
F 18	23 6 48	14°50'16	19°49	1°38	1°50	20° 9	22°15	27°33	25°13	9°50	4°30	29°44	28°51	15°13	n.a.	F 18
S 19	23 10 45	15°50'20	5♎ 7	3°17	2°48	20° 0	22°27	27°33	25°16	9°51	4°30	29°33	28°48	15°19	n.a.	S 19
S 20	23 14 41	16°50'26	20°11	4°57	3°45	19°52	22°39	27°34	25°19	9°52	4°30	29°23	28°44	15°26	n.a.	S 20
M21	23 18 38	17°50'33	4♏51	6°37	4°43	19°45	22°52	27°35	25°22	9°53	4°30	29°15	28°41	15°33	n.a.	M21
T 22	23 22 34	18°50'43	19° 3	8°17	5°39	19°38	23° 4	27°36	25°25	9°54	4°29	29°10	28°38	15°39	n.a.	T 22
W23	23 26 31	19°50'54	2♐45	9°57	6°35	19°33	23°16	27°37	25°28	9°55	4°29	29° 7	28°35	15°46	n.a.	W23
T 24	23 30 28	20°51'07	15°59	11°38	7°31	19°28	23°29	27°38	25°31	9°56	4°29	29° 6	28°32	15°53	n.a.	T 24
F 25	23 34 24	21°51'21	28°48	13°18	8°26	19°24	23°41	27°40	25°35	9°57	4°29	29° 6	28°29	16° 0	n.a.	F 25
S 26	23 38 21	22°51'38	11♑17	14°58	9°21	19°21	23°54	27°41	25°38	9°58	4°28	29° 5	28°25	16° 6	n.a.	S 26
S 27	23 42 17	23°51'55	23°31	16°38	10°14	19°19	24° 6	27°43	25°41	9°59	4°28	29° 4	28°22	16°13	n.a.	S 27
M28	23 46 14	24°52'15	5♒34	18°17	11° 8	19°18	24°19	27°44	25°44	10° 0	4°28	28°59	28°19	16°20	n.a.	M28
T 29	23 50 10	25°52'36	17°30	19°57	12° 0	19°D17	24°32	27°46	25°48	10° 1	4°28	28°52	28°16	16°26	n.a.	T 29
W30	23 54 7	26♍52'59	29♒23	21♍35	12♏52	19♒17	24♎44	27♐48	25♎51	10♋ 2	4♊27	28♐41	28♐13	16♓33	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n23	15s28	3n 4	17n35	0n 6	8s 0	2s24	18s42	5s23	6s44	0n54	24s 4	0s16	9s14	0n24	23n28	0s 1	19n24	2s 0	23s49	23s49	2s 7		n.a.
W 2	12 2	11 16	3 50	17 46	0 22	8 30	2 29	18 45	5 20	6 48	0 54	24 4	0 16	9 15	0 24	23 27	0 1	19 24	2 0	23 49	23 49	2 4		n.a.
T 3	11 41	6 39	4 26	17 53	0 37	8 59	2 34	18 49	5 17	6 53	0 53	24 4	0 16	9 16	0 24	23 27	0 1	19 24	2 0	23 49	23 49	2 1		n.a.
F 4	11 20	1 50	4 50	17 57	0 51	9 28	2 39	18 52	5 13	6 57	0 53	24 4	0 17	9 17	0 24	23 27	0 1	19 24	2 0	23 49	23 49	1 58		n.a.
S 5	10 58	3n 3	5 2	17 55	1 4	9 57	2 44	18 54	5 10	7 1	0 53	24 4	0 17	9 18	0 24	23 27	0 1	19 24	2 0	23 49	23 49	1 55		n.a.
S 6	10 37	7 49	5 1	17 50	1 15	10 26	2 49	18 57	5 6	7 6	0 53	24 4	0 17	9 19	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 53		n.a.
M 7	10 15	12 19	4 46	17 42	1 25	10 54	2 53	18 59	5 3	7 10	0 53	24 4	0 17	9 20	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 50		n.a.
T 8	9 53	16 23	4 19	17 29	1 33	11 22	2 58	19 1	4 59	7 15	0 52	24 4	0 17	9 21	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 47		n.a.
W 9	9 31	19 50	3 39	17 13	1 40	11 50	3 3	19 2	4 55	7 19	0 52	24 5	0 17	9 22	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 44		n.a.
T 10	9 8	22 26	2 49	16 54	1 46	12 18	3 8	19 3	4 51	7 24	0 52	24 5	0 17	9 23	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 41		n.a.
F 11	8 46	24 0	1 49	16 32	1 51	12 45	3 12	19 4	4 47	7 28	0 52	24 5	0 17	9 24	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 39		n.a.
S 12	8 23	24 17	0 42	16 8	1 55	13 12	3 17	19 5	4 43	7 33	0 52	24 5	0 17	9 26	0 24	23 27	0 1	19 25	2 0	23 49	23 49	1 36		n.a.
S 13	8 0	23 11	0s30	15 40	1 57	13 39	3 21	19 6	4 39	7 38	0 52	24 5	0 17	9 27	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 33		n.a.
M14	7 37	20 38	1 42	15 11	1 59	14 5	3 26	19 6	4 35	7 42	0 51	24 5	0 17	9 28	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 30		n.a.
T 15	7 14	16 43	2 50	14 39	2 0	14 31	3 30	19 6	4 30	7 47	0 51	24 5	0 17	9 29	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 27		n.a.
W16	6 51	11 40	3 49	14 6	2 0	14 57	3 35	19 5	4 26	7 51	0 51	24 5	0 17	9 30	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 25		n.a.
T 17	6 27	5 48	4 32	13 31	2 0	15 22	3 39	19 4	4 22	7 56	0 51	24 5	0 17	9 31	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 22		n.a.
F 18	6 4	0s27	4 57	12 54	1 58	15 47	3 43	19 3	4 17	8 1	0 51	24 5	0 17	9 32	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 19		n.a.
S 19	5 40	6 38	5 0	12 16	1 57	16 11	3 47	19 2	4 13	8 6	0 51	24 5	0 17	9 33	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 16		n.a.
S 20	5 17	12 20	4 42	11 37	1 54	16 35	3 52	19 1	4 8	8 10	0 50	24 5	0 17	9 34	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 13		n.a.
M21	4 53	17 11	4 5	10 57	1 51	16 59	3 56	18 59	4 4	8 15	0 50	24 5	0 18	9 36	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 11		n.a.
T 22	4 29	20 53	3 15	10 15	1 48	17 22	3 59	18 57	4 0	8 20	0 50	24 5	0 18	9 37	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 8		n.a.
W23	4 5	23 14	2 15	9 34	1 44	17 45	4 3	18 54	3 55	8 25	0 50	24 5	0 18	9 38	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 5		n.a.
T 24	3 41	24 13	1 9	8 51	1 40	18 7	4 7	18 51	3 51	8 29	0 50	24 6	0 18	9 39	0 24	23 26	0 1	19 25	2 0	23 49	23 49	1 2		n.a.
F 25	3 17	23 50	0 2	8 8	1 36	18 29	4 11	18 49	3 46	8 34	0 50	24 6	0 18	9 40	0 24	23 26	0 1	19 25	2 0	23 49	23 49	0 59		n.a.
S 26	2 53	22 16	1n 4	7 24	1 31	18 50	4 14	18 45	3 42	8 39	0 50	24 6	0 18	9 42	0 24	23 26	0 1	19 25	2 0	23 49	23 49	0 57		n.a.
S 27	2 28	19 41	2 5	6 40	1 26	19 11	4 18	18 42	3 38	8 44	0 49	24 6	0 18	9 43	0 24	23 25	0 1	19 25	2 0	23 49	23 49	0 54		n.a.
M28	2 4	16 16	3 0	5 56	1 21	19 32	4 21	18 38	3 33	8 49	0 49	24 6	0 18	9 44	0 24	23 25	0 1	19 25	2 0	23 49	23 49	0 51		n.a.
T 29	1 40	12 15	3 46	5 12	1 15	19 51	4 24	18 34	3 29	8 53	0 49	24 6	0 18	9 45	0 24	23 25	0 1	19 25	2 0	23 49	23 48	0 48		n.a.
W30	1n16	7s47	4n22	4n27	1n 9	20s11	4s27	18s30	3s25	8s58	0n49	24s 6	0s18	9s47	0n24	23n25	0s 1	19n24	2s 0	23s49	23s48	0s45		n.a.

Julian Day Number = 1340710.5, Delta T = 07h16m01s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'54, Lahiri = -18°20'53 Julian Calendar 1 Sept. 1043 BCE == Greg. Calendar 22 Aug. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

OCTOBER 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 3	27♍53'23	11♓15	23♍14	13♏44	19♒18	24♎57	27♐50	25♎54	10♋ 3	4°R27	28°R29	28♐ 9	16♓40	n.a.	T 1
F 2	0 2 0	28°53'49	23° 7	24°52	14°34	19°20	25°10	27°52	25°58	10° 3	4♊26	28♐14	28° 6	16°47	n.a.	F 2
S 3	0 5 57	29°54'17	5♈ 2	26°30	15°24	19°23	25°23	27°54	26° 1	10° 4	4°26	27°59	28° 3	16°53	n.a.	S 3
S 4	0 9 53	0♎54'46	17° 1	28° 8	16°13	19°26	25°36	27°56	26° 5	10° 5	4°26	27°45	28° 0	17° 0	n.a.	S 4
M 5	0 13 50	1°55'18	29° 4	29°45	17° 1	19°30	25°49	27°58	26° 8	10° 5	4°25	27°32	27°57	17° 7	n.a.	M 5
T 6	0 17 46	2°55'51	11♉13	1♎22	17°49	19°35	26° 2	28° 1	26°12	10° 6	4°25	27°22	27°54	17°14	n.a.	T 6
W 7	0 21 43	3°56'27	23°31	2°59	18°35	19°41	26°15	28° 3	26°15	10° 6	4°24	27°16	27°50	17°20	n.a.	W 7
T 8	0 25 39	4°57'04	6♊ 0	4°35	19°21	19°47	26°28	28° 6	26°19	10° 7	4°24	27°12	27°47	17°27	n.a.	T 8
F 9	0 29 36	5°57'43	18°43	6°11	20° 5	19°54	26°41	28° 8	26°22	10° 7	4°23	27°10	27°44	17°34	n.a.	F 9
S 10	0 33 32	6°58'24	1♋44	7°46	20°49	20° 1	26°54	28°11	26°26	10° 8	4°22	27°10	27°41	17°40	n.a.	S 10
S 11	0 37 29	7°59'06	15° 6	9°22	21°32	20°10	27° 7	28°14	26°29	10° 8	4°22	27°10	27°38	17°47	n.a.	S 11
M12	0 41 26	8°59'51	28°54	10°57	22°13	20°19	27°21	28°17	26°33	10° 9	4°21	27° 9	27°35	17°54	n.a.	M12
T 13	0 45 22	10° 0'38	13♌ 7	12°32	22°53	20°29	27°34	28°20	26°36	10° 9	4°21	27° 5	27°31	18° 1	n.a.	T 13
W14	0 49 19	11° 1'26	27°46	14° 6	23°33	20°39	27°47	28°23	26°40	10° 9	4°20	26°59	27°28	18° 7	n.a.	W14
T 15	0 53 15	12° 2'16	12♍45	15°41	24°11	20°50	28° 0	28°26	26°44	10°10	4°19	26°50	27°25	18°14	n.a.	T 15
F 16	0 57 12	13° 3'07	27°56	17°15	24°48	21° 2	28°14	28°30	26°47	10°10	4°19	26°40	27°22	18°21	n.a.	F 16
S 17	1 1 8	14° 4'00	13♎10	18°49	25°23	21°14	28°27	28°33	26°51	10°10	4°18	26°28	27°19	18°27	n.a.	S 17
S 18	1 5 5	15° 4'54	28°15	20°23	25°57	21°27	28°41	28°37	26°54	10°10	4°17	26°18	27°15	18°34	n.a.	S 18
M19	1 9 1	16° 5'50	13♏ 1	21°57	26°30	21°41	28°54	28°40	26°58	10°11	4°16	26°10	27°12	18°41	n.a.	M19
T 20	1 12 58	17° 6'46	27°21	23°30	27° 1	21°55	29° 8	28°44	27° 2	10°11	4°16	26° 4	27° 9	18°48	n.a.	T 20
W21	1 16 54	18° 7'44	11♐12	25° 4	27°31	22°10	29°21	28°48	27° 5	10°11	4°15	26° 1	27° 6	18°54	n.a.	W21
T 22	1 20 51	19° 8'43	24°34	26°37	27°59	22°25	29°35	28°52	27° 9	10°11	4°14	26°D 0	27° 3	19° 1	n.a.	T 22
F 23	1 24 48	20° 9'43	7♑29	28°10	28°25	22°41	29°48	28°56	27°13	10°R11	4°13	26° 0	27° 0	19° 8	n.a.	F 23
S 24	1 28 44	21°10'44	20° 1	29°43	28°50	22°57	0♏ 2	29° 0	27°16	10°11	4°12	26°R 0	26°56	19°15	n.a.	S 24
S 25	1 32 41	22°11'45	2♒15	1♏16	29°13	23°14	0°15	29° 4	27°20	10°11	4°11	26° 0	26°53	19°21	n.a.	S 25
M26	1 36 37	23°12'48	14°17	2°49	29°34	23°32	0°29	29° 8	27°24	10°11	4°10	25°57	26°50	19°28	n.a.	M26
T 27	1 40 34	24°13'51	26°12	4°22	29°53	23°49	0°42	29°12	27°28	10°11	4° 9	25°52	26°47	19°35	n.a.	T 27
W28	1 44 30	25°14'55	8♓ 3	5°55	0♐10	24° 8	0°56	29°17	27°31	10°10	4° 9	25°45	26°44	19°41	n.a.	W28
T 29	1 48 27	26°15'59	19°54	7°27	0°25	24°27	1°10	29°21	27°35	10°10	4° 8	25°35	26°41	19°48	n.a.	T 29
F 30	1 52 24	27°17'05	1♈49	9° 0	0°37	24°46	1°23	29°26	27°39	10°10	4° 7	25°24	26°37	19°55	n.a.	F 30
S 31	1 56 20	28♎18'11	13♈49	10♏32	0♐48	25♒ 6	1♏37	29♐30	27♎42	10♋10	4♊ 6	25♐12	26♐34	20♓ 2	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0n51	3s 4	4n46	3n42	1n 4	20s30	4s30	18s26	3s20	9s 3	0n49	24s 6	0s18	9s48	0n24	23n25	0s 1	19n24	2s 0	23s49	23s48	0s43			n.a.
F 2	0 27	1n47	4 58	2 57	0 58	20 48	4 33	18 21	3 16	9 8	0 49	24 6	0 18	9 49	0 24	23 25	0 1	19 24	2 0	23 48	23 48	0 40			n.a.
S 3	0 2	6 34	4 57	2 12	0 52	21 5	4 35	18 16	3 12	9 13	0 49	24 6	0 18	9 50	0 24	23 25	0 1	19 24	2 0	23 48	23 48	0 37			n.a.
S 4	0s22	11 7	4 43	1 27	0 45	21 23	4 38	18 11	3 8	9 18	0 48	24 6	0 18	9 52	0 24	23 25	0 1	19 24	2 0	23 48	23 48	0 34			n.a.
M 5	0 47	15 17	4 16	0 42	0 39	21 39	4 40	18 6	3 3	9 23	0 48	24 6	0 18	9 53	0 24	23 25	0 1	19 24	2 0	23 48	23 48	0 31			n.a.
T 6	1 11	18 52	3 37	0s 3	0 33	21 55	4 42	18 1	2 59	9 28	0 48	24 7	0 18	9 54	0 24	23 25	0 1	19 24	2 0	23 48	23 48	0 29			n.a.
W 7	1 35	21 39	2 48	0 48	0 26	22 10	4 44	17 55	2 55	9 33	0 48	24 7	0 18	9 56	0 24	23 25	0 1	19 24	2 0	23 47	23 48	0 26			n.a.
T 8	2 0	23 27	1 49	1 33	0 20	22 25	4 46	17 49	2 51	9 38	0 48	24 7	0 18	9 57	0 24	23 25	0 1	19 24	2 0	23 47	23 48	0 23			n.a.
F 9	2 24	24 4	0 45	2 17	0 13	22 39	4 48	17 43	2 47	9 42	0 48	24 7	0 18	9 58	0 23	23 25	0 1	19 24	2 0	23 47	23 48	0 20			n.a.
S 10	2 49	23 24	0s24	3 2	0 7	22 53	4 49	17 37	2 43	9 47	0 48	24 7	0 19	9 59	0 23	23 25	0 1	19 24	2 0	23 47	23 48	0 17			n.a.
S 11	3 13	21 24	1 33	3 46	0 0	23 5	4 50	17 31	2 40	9 52	0 48	24 7	0 19	10 1	0 23	23 25	0 1	19 24	2 0	23 47	23 48	0 15			n.a.
M12	3 37	18 6	2 39	4 30	0s 6	23 18	4 51	17 24	2 36	9 57	0 47	24 7	0 19	10 2	0 23	23 25	0 1	19 24	2 0	23 47	23 48	0 12			n.a.
T 13	4 2	13 40	3 38	5 13	0 13	23 29	4 52	17 17	2 32	10 2	0 47	24 7	0 19	10 3	0 23	23 25	0 1	19 23	2 0	23 47	23 48	0 9			n.a.
W14	4 26	8 20	4 23	5 57	0 19	23 40	4 52	17 10	2 28	10 7	0 47	24 7	0 19	10 5	0 23	23 25	0 1	19 23	1 59	23 47	23 48	0 6			n.a.
T 15	4 50	2 23	4 52	6 40	0 26	23 50	4 53	17 3	2 25	10 12	0 47	24 7	0 19	10 6	0 23	23 25	0 1	19 23	1 59	23 47	23 48	0 4			n.a.
F 16	5 14	3s45	5 1	7 22	0 32	23 59	4 52	16 56	2 21	10 17	0 47	24 7	0 19	10 7	0 23	23 25	0 1	19 23	1 59	23 47	23 48	0 1			n.a.
S 17	5 38	9 42	4 49	8 4	0 38	24 8	4 52	16 49	2 17	10 22	0 47	24 8	0 19	10 9	0 23	23 25	0 1	19 23	1 59	23 46	23 47	0n 2			n.a.
S 18	6 2	15 0	4 16	8 46	0 45	24 16	4 52	16 41	2 14	10 27	0 47	24 8	0 19	10 10	0 23	23 25	0 0	19 23	1 59	23 46	23 47	0 5			n.a.
M19	6 26	19 16	3 27	9 28	0 51	24 23	4 51	16 33	2 10	10 32	0 47	24 8	0 19	10 11	0 23	23 25	0 0	19 23	1 59	23 46	23 47	0 8			n.a.
T 20	6 49	22 15	2 26	10 9	0 57	24 29	4 50	16 25	2 7	10 37	0 46	24 8	0 19	10 13	0 23	23 25	0 0	19 23	1 59	23 46	23 47	0 10			n.a.
W21	7 13	23 46	1 18	10 49	1 3	24 35	4 48	16 17	2 4	10 42	0 46	24 8	0 19	10 14	0 23	23 25	0 0	19 23	1 59	23 45	23 47	0 13			n.a.
T 22	7 37	23 50	0 8	11 29	1 9	24 40	4 46	16 9	2 0	10 47	0 46	24 8	0 19	10 15	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 16			n.a.
F 23	8 0	22 36	1n 1	12 9	1 14	24 44	4 44	16 1	1 57	10 52	0 46	24 8	0 19	10 17	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 19			n.a.
S 24	8 23	20 15	2 4	12 47	1 20	24 47	4 41	15 52	1 54	10 56	0 46	24 8	0 19	10 18	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 21			n.a.
S 25	8 47	17 2	3 1	13 26	1 25	24 49	4 39	15 44	1 51	11 1	0 46	24 8	0 19	10 20	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 24			n.a.
M26	9 10	13 10	3 48	14 3	1 30	24 51	4 35	15 35	1 48	11 6	0 46	24 8	0 19	10 21	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 27			n.a.
T 27	9 32	8 51	4 24	14 40	1 35	24 52	4 31	15 26	1 45	11 11	0 46	24 8	0 19	10 22	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 30			n.a.
W28	9 55	4 13	4 50	15 17	1 40	24 51	4 27	15 17	1 42	11 16	0 46	24 9	0 19	10 24	0 23	23 25	0 0	19 22	1 59	23 45	23 47	0 32			n.a.
T 29	10 18	0n34	5 2	15 52	1 45	24 50	4 23	15 8	1 39	11 21	0 46	24 9	0 20	10 25	0 23	23 25	0 0	19 21	1 59	23 45	23 47	0 35			n.a.
F 30	10 40	5 20	5 2	16 27	1 49	24 48	4 18	14 58	1 36	11 26	0 46	24 9	0 20	10 26	0 23	23 25	0 0	19 21	1 59	23 44	23 47	0 38			n.a.
S 31	11s 2	9n57	4n48	17s 0	1s53	24s45	4s12	14s49	1s33	11s31	0n45	24s 9	0s20	10s28	0n23	23n25	0s 0	19n21	1s59	23s44	23s46	0n41			n.a.

Julian Day Number = 1340740.5, Delta T = 07h15m59s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'50, Lahiri = -18°20'49 Julian Calendar 1 Oct. 1043 BCE == Greg. Calendar 21 Sept. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

NOVEMBER 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 0 17	29♎19'18	25♈55	12♏ 4	0♐56	25♒26	1♏50	29♐35	27♎46	10°R 9	4°R 5	25°R 1	26♐31	20♓ 8	n.a.	S 1
M 2	2 4 13	0♏20'26	8♉10	13°36	1° 2	25°47	2° 4	29°40	27°50	10♋ 9	4♊ 4	24♐51	26°28	20°15	n.a.	M 2
T 3	2 8 10	1°21'35	20°32	15° 8	1° 6	26° 8	2°18	29°45	27°53	10° 9	4° 3	24°44	26°25	20°22	n.a.	T 3
W 4	2 12 6	2°22'45	3♊ 4	16°39	1°R 7	26°29	2°31	29°49	27°57	10° 8	4° 2	24°39	26°21	20°28	n.a.	W 4
T 5	2 16 3	3°23'56	15°47	18°11	1° 6	26°51	2°45	29°54	28° 1	10° 8	4° 1	24°36	26°18	20°35	n.a.	T 5
F 6	2 19 59	4°25'07	28°41	19°41	1° 2	27°13	2°59	29°59	28° 5	10° 8	3°59	24°D36	26°15	20°42	n.a.	F 6
S 7	2 23 56	5°26'20	11♋50	21°11	0°56	27°36	3°12	0♑ 5	28° 8	10° 7	3°58	24°37	26°12	20°49	n.a.	S 7
S 8	2 27 53	6°27'33	25°14	22°41	0°47	27°59	3°26	0°10	28°12	10° 7	3°57	24°38	26° 9	20°55	n.a.	S 8
M 9	2 31 49	7°28'47	8♌56	24°10	0°36	28°22	3°40	0°15	28°16	10° 6	3°56	24°R39	26° 6	21° 2	n.a.	M 9
T 10	2 35 46	8°30'02	22°57	25°38	0°23	28°46	3°53	0°20	28°19	10° 5	3°55	24°38	26° 2	21° 9	n.a.	T 10
W11	2 39 42	9°31'18	7♍17	27° 5	0° 7	29°10	4° 7	0°26	28°23	10° 5	3°54	24°35	25°59	21°16	n.a.	W11
T 12	2 43 39	10°32'35	21°53	28°30	29♏48	29°35	4°21	0°31	28°27	10° 4	3°53	24°30	25°56	21°22	n.a.	T 12
F 13	2 47 35	11°33'52	6♎40	29°54	29°27	29°59	4°34	0°37	28°30	10° 3	3°52	24°23	25°53	21°29	n.a.	F 13
S 14	2 51 32	12°35'09	21°31	1♐16	29° 4	0♓24	4°48	0°42	28°34	10° 3	3°51	24°16	25°50	21°36	n.a.	S 14
S 15	2 55 28	13°36'28	6♏18	2°36	28°39	0°50	5° 1	0°48	28°37	10° 2	3°49	24°10	25°46	21°42	n.a.	S 15
M16	2 59 25	14°37'46	20°53	3°54	28°12	1°15	5°15	0°54	28°41	10° 1	3°48	24° 5	25°43	21°49	n.a.	M16
T 17	3 3 22	15°39'05	5♐ 8	5° 8	27°43	1°41	5°29	0°59	28°45	10° 0	3°47	24° 1	25°40	21°56	n.a.	T 17
W18	3 7 18	16°40'24	18°59	6°20	27°12	2° 8	5°42	1° 5	28°48	10° 0	3°46	24°D 0	25°37	22° 3	n.a.	W18
T 19	3 11 15	17°41'43	2♑25	7°26	26°40	2°34	5°56	1°11	28°52	9°59	3°45	24° 0	25°34	22° 9	n.a.	T 19
F 20	3 15 11	18°43'02	15°25	8°29	26° 7	3° 1	6° 9	1°17	28°55	9°58	3°43	24° 1	25°31	22°16	n.a.	F 20
S 21	3 19 8	19°44'21	28° 3	9°26	25°32	3°28	6°23	1°23	28°59	9°57	3°42	24° 3	25°27	22°23	n.a.	S 21
S 22	3 23 4	20°45'40	10♒23	10°16	24°56	3°55	6°36	1°29	29° 2	9°56	3°41	24° 4	25°24	22°30	n.a.	S 22
M23	3 27 1	21°46'58	22°28	11° 0	24°20	4°23	6°50	1°35	29° 6	9°55	3°40	24°R 5	25°21	22°36	n.a.	M23
T 24	3 30 58	22°48'16	4♓24	11°35	23°44	4°51	7° 3	1°41	29° 9	9°54	3°38	24° 4	25°18	22°43	n.a.	T 24
W25	3 34 54	23°49'34	16°16	12° 2	23° 7	5°19	7°17	1°47	29°13	9°53	3°37	24° 2	25°15	22°50	n.a.	W25
T 26	3 38 51	24°50'51	28° 8	12°19	22°30	5°47	7°30	1°54	29°16	9°52	3°36	23°58	25°12	22°56	n.a.	T 26
F 27	3 42 47	25°52'08	10♈ 5	12°R25	21°54	6°16	7°43	2° 0	29°20	9°51	3°35	23°54	25° 8	23° 3	n.a.	F 27
S 28	3 46 44	26°53'24	22° 9	12°20	21°18	6°45	7°57	2° 6	29°23	9°50	3°33	23°49	25° 5	23°10	n.a.	S 28
S 29	3 50 40	27°54'40	4♉23	12° 3	20°44	7°14	8°10	2°13	29°26	9°48	3°32	23°44	25° 2	23°17	n.a.	S 29
M30	3 54 37	28♏55'56	16♉49	11♐34	20♏10	7♓43	8♏23	2♑19	29♎30	9♋47	3♊31	23♐40	24♐59	23♓23	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11 s24	14n13	4n21	17 s33	1 s57	24 s41	4 s 6	14 s39	1 s30	11 s36	0n45	24 s 9	0 s20	10 s29	0n23	23n25	0 s 0	19n21	1 s59	23 s43	23 s46	0n43		n.a.
M 2	11 46	17 57	3 42	18 5	2 1	24 36	4 0	14 29	1 27	11 40	0 45	24 9	0 20	10 30	0 23	23 25	0 0	19 21	1 59	23 43	23 46	0 46		n.a.
T 3	12 8	20 56	2 52	18 36	2 4	24 30	3 53	14 20	1 24	11 45	0 45	24 9	0 20	10 32	0 23	23 25	0 0	19 21	1 59	23 43	23 46	0 49		n.a.
W 4	12 29	22 57	1 53	19 6	2 7	24 23	3 45	14 10	1 22	11 50	0 45	24 9	0 20	10 33	0 23	23 25	0 0	19 21	1 59	23 43	23 46	0 52		n.a.
T 5	12 51	23 50	0 47	19 35	2 10	24 15	3 37	14 0	1 19	11 55	0 45	24 9	0 20	10 34	0 23	23 25	0 0	19 20	1 59	23 42	23 46	0 55		n.a.
F 6	13 12	23 27	0 s22	20 3	2 12	24 6	3 29	13 49	1 17	12 0	0 45	24 9	0 20	10 36	0 23	23 25	0 0	19 20	1 59	23 42	23 46	0 57		n.a.
S 7	13 33	21 46	1 32	20 29	2 14	23 55	3 20	13 39	1 14	12 5	0 45	24 9	0 20	10 37	0 23	23 25	0 0	19 20	1 59	23 42	23 46	1 0		n.a.
S 8	13 53	18 51	2 37	20 54	2 15	23 44	3 10	13 29	1 11	12 9	0 45	24 9	0 20	10 38	0 23	23 25	0 0	19 20	1 59	23 43	23 46	1 3		n.a.
M 9	14 14	14 50	3 36	21 18	2 16	23 32	3 0	13 18	1 9	12 14	0 45	24 9	0 20	10 40	0 23	23 25	0 0	19 20	1 59	23 43	23 46	1 5		n.a.
T 10	14 34	9 57	4 23	21 40	2 16	23 18	2 49	13 7	1 7	12 19	0 45	24 9	0 20	10 41	0 23	23 26	0 0	19 20	1 59	23 42	23 46	1 8		n.a.
W11	14 54	4 25	4 55	22 1	2 16	23 4	2 38	12 57	1 4	12 24	0 45	24 9	0 20	10 42	0 23	23 26	0 0	19 19	1 59	23 42	23 45	1 11		n.a.
T 12	15 13	1 s27	5 8	22 20	2 15	22 48	2 26	12 46	1 2	12 28	0 44	24 9	0 20	10 44	0 23	23 26	0 0	19 19	1 59	23 42	23 45	1 14		n.a.
F 13	15 33	7 17	5 2	22 37	2 13	22 31	2 13	12 35	1 0	12 33	0 44	24 9	0 20	10 45	0 23	23 26	0 0	19 19	1 59	23 42	23 45	1 16		n.a.
S 14	15 52	12 45	4 35	22 53	2 11	22 14	2 1	12 24	0 57	12 38	0 44	24 9	0 20	10 46	0 23	23 26	0 0	19 19	1 59	23 42	23 45	1 19		n.a.
S 15	16 10	17 26	3 50	23 6	2 8	21 55	1 47	12 13	0 55	12 42	0 44	24 9	0 20	10 48	0 23	23 26	0 0	19 19	1 58	23 41	23 45	1 22		n.a.
M16	16 29	20 59	2 50	23 18	2 4	21 36	1 34	12 1	0 53	12 47	0 44	24 9	0 20	10 49	0 23	23 26	0 0	19 18	1 58	23 41	23 45	1 25		n.a.
T 17	16 47	23 9	1 41	23 27	2 0	21 15	1 19	11 50	0 51	12 52	0 44	24 9	0 21	10 50	0 23	23 26	0 0	19 18	1 58	23 41	23 45	1 27		n.a.
W18	17 5	23 48	0 27	23 35	1 54	20 54	1 5	11 38	0 49	12 56	0 44	24 9	0 21	10 52	0 23	23 26	0 0	19 18	1 58	23 41	23 45	1 30		n.a.
T 19	17 23	23 2	0n46	23 40	1 47	20 32	0 50	11 27	0 47	13 1	0 44	24 9	0 21	10 53	0 23	23 26	0 0	19 18	1 58	23 41	23 45	1 33		n.a.
F 20	17 40	21 1	1 54	23 42	1 39	20 9	0 35	11 15	0 44	13 6	0 44	24 9	0 21	10 54	0 23	23 26	0 0	19 18	1 58	23 41	23 44	1 36		n.a.
S 21	17 57	18 1	2 55	23 42	1 31	19 46	0 19	11 3	0 42	13 10	0 44	24 9	0 21	10 55	0 23	23 26	0 0	19 18	1 58	23 41	23 44	1 38		n.a.
S 22	18 14	14 17	3 46	23 40	1 20	19 22	0 4	10 51	0 40	13 15	0 44	24 9	0 21	10 57	0 23	23 26	0 0	19 17	1 58	23 41	23 44	1 41		n.a.
M23	18 30	10 3	4 26	23 35	1 9	18 58	0n12	10 39	0 39	13 19	0 44	24 9	0 21	10 58	0 23	23 26	0 0	19 17	1 58	23 41	23 44	1 44		n.a.
T 24	18 46	5 29	4 54	23 28	0 57	18 34	0 27	10 27	0 37	13 24	0 44	24 9	0 21	10 59	0 23	23 27	0 0	19 17	1 58	23 41	23 44	1 46		n.a.
W25	19 2	0 45	5 10	23 18	0 43	18 10	0 43	10 15	0 35	13 28	0 44	24 9	0 21	11 0	0 23	23 27	0 0	19 17	1 58	23 41	23 44	1 49		n.a.
T 26	19 17	4n 0	5 12	23 5	0 27	17 45	0 58	10 3	0 33	13 33	0 44	24 9	0 21	11 2	0 23	23 27	0n 0	19 17	1 58	23 41	23 44	1 52		n.a.
F 27	19 32	8 38	5 0	22 49	0 11	17 21	1 13	9 50	0 31	13 37	0 44	24 9	0 21	11 3	0 23	23 27	0 0	19 16	1 58	23 41	23 44	1 55		n.a.
S 28	19 46	13 0	4 36	22 31	0n 7	16 57	1 28	9 38	0 29	13 42	0 43	24 9	0 21	11 4	0 23	23 27	0 0	19 16	1 58	23 40	23 44	1 57		n.a.
S 29	20 0	16 54	3 58	22 11	0 25	16 34	1 43	9 25	0 28	13 46	0 43	24 9	0 21	11 5	0 23	23 27	0 0	19 16	1 58	23 40	23 43	2 0		n.a.
M30	20 s14	20n 8	3n 8	21 s48	0n45	16 s11	1n57	9 s13	0 s26	13 s50	0n43	24 s 9	0 s21	11 s 7	0n23	23n27	0n 0	19n16	1 s58	23 s40	23 s43	2n 3		n.a.

Julian Day Number = 1340771.5, Delta T = 07h15m58s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'45, Lahiri = -18°20'45 Julian Calendar 1 Nov. 1043 BCE == Greg. Calendar 22 Oct. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1043 BCE
geocentric

DECEMBER 1043 BCE (-1042) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 33	29♏57'11	29♉28	10°R54	19°R38	8♓12	8♏36	2♑26	29♎33	9°R46	3°R30	23°R37	24♐56	23♓30	n.a.	T 1
W 2	4 2 30	0♐58'26	12♊20	10♐ 3	19♏ 7	8°42	8°50	2°32	29°36	9♋45	3♊28	23♐35	24°52	23°37	n.a.	W 2
T 3	4 6 27	1°59'41	25°24	9° 2	18°38	9°11	9° 3	2°39	29°40	9°44	3°27	23°D35	24°49	23°44	n.a.	T 3
F 4	4 10 23	3° 0'56	8♋41	7°53	18°11	9°41	9°16	2°45	29°43	9°42	3°26	23°35	24°46	23°50	n.a.	F 4
S 5	4 14 20	4° 2'10	22°10	6°38	17°46	10°11	9°29	2°52	29°46	9°41	3°25	23°37	24°43	23°57	n.a.	S 5
S 6	4 18 16	5° 3'24	5♌50	5°20	17°24	10°42	9°42	2°59	29°49	9°40	3°23	23°38	24°40	24° 4	n.a.	S 6
M 7	4 22 13	6° 4'37	19°41	4° 0	17° 3	11°12	9°55	3° 5	29°53	9°39	3°22	23°39	24°37	24°10	n.a.	M 7
T 8	4 26 9	7° 5'50	3♍43	2°43	16°45	11°43	10° 8	3°12	29°56	9°37	3°21	23°R40	24°33	24°17	n.a.	T 8
W 9	4 30 6	8° 7'03	17°53	1°28	16°29	12°14	10°21	3°19	29°59	9°36	3°20	23°40	24°30	24°24	n.a.	W 9
T 10	4 34 2	9° 8'15	2♎10	0°20	16°16	12°45	10°34	3°26	0♏ 2	9°34	3°18	23°39	24°27	24°31	n.a.	T 10
F 11	4 37 59	10° 9'27	16°31	29♏19	16° 5	13°16	10°47	3°33	0° 5	9°33	3°17	23°37	24°24	24°37	n.a.	F 11
S 12	4 41 56	11°10'39	0♏52	28°26	15°57	13°47	10°59	3°39	0° 8	9°32	3°16	23°36	24°21	24°44	n.a.	S 12
S 13	4 45 52	12°11'50	15° 9	27°42	15°51	14°18	11°12	3°46	0°11	9°30	3°15	23°34	24°18	24°51	n.a.	S 13
M14	4 49 49	13°13'01	29°17	27° 8	15°48	14°50	11°25	3°53	0°14	9°29	3°13	23°33	24°14	24°57	n.a.	M14
T 15	4 53 45	14°14'10	13♐12	26°43	15°D48	15°22	11°37	4° 0	0°17	9°27	3°12	23°32	24°11	25° 4	n.a.	T 15
W16	4 57 42	15°15'19	26°50	26°27	15°49	15°54	11°50	4° 7	0°20	9°26	3°11	23°D32	24° 8	25°11	n.a.	W16
T 17	5 1 38	16°16'27	10♑ 8	26°D20	15°53	16°26	12° 2	4°14	0°23	9°24	3°10	23°32	24° 5	25°18	n.a.	T 17
F 18	5 5 35	17°17'33	23° 6	26°21	16° 0	16°58	12°15	4°21	0°26	9°23	3° 8	23°33	24° 2	25°24	n.a.	F 18
S 19	5 9 32	18°18'39	5♒45	26°30	16° 8	17°30	12°27	4°28	0°28	9°21	3° 7	23°34	23°58	25°31	n.a.	S 19
S 20	5 13 28	19°19'43	18° 7	26°46	16°19	18° 2	12°39	4°35	0°31	9°20	3° 6	23°34	23°55	25°38	n.a.	S 20
M21	5 17 25	20°20'46	0♓16	27° 8	16°32	18°35	12°52	4°43	0°34	9°18	3° 5	23°35	23°52	25°45	n.a.	M21
T 22	5 21 21	21°21'47	12°14	27°37	16°48	19° 8	13° 4	4°50	0°37	9°17	3° 4	23°35	23°49	25°51	n.a.	T 22
W23	5 25 18	22°22'47	24° 8	28°11	17° 5	19°40	13°16	4°57	0°39	9°15	3° 2	23°R35	23°46	25°58	n.a.	W23
T 24	5 29 14	23°23'46	6♈ 0	28°50	17°24	20°13	13°28	5° 4	0°42	9°13	3° 1	23°D35	23°43	26° 5	n.a.	T 24
F 25	5 33 11	24°24'43	17°57	29°33	17°45	20°46	13°40	5°11	0°44	9°12	3° 0	23°35	23°39	26°11	n.a.	F 25
S 26	5 37 7	25°25'38	0♉ 3	0♐21	18° 8	21°19	13°52	5°18	0°47	9°10	2°59	23°35	23°36	26°18	n.a.	S 26
S 27	5 41 4	26°26'32	12°21	1°12	18°33	21°52	14° 4	5°26	0°49	9° 8	2°58	23°35	23°33	26°25	n.a.	S 27
M28	5 45 1	27°27'25	24°54	2° 7	19° 0	22°26	14°15	5°33	0°52	9° 7	2°57	23°36	23°30	26°32	n.a.	M28
T 29	5 48 57	28°28'16	7♊45	3° 4	19°28	22°59	14°27	5°40	0°54	9° 5	2°55	23°36	23°27	26°38	n.a.	T 29
W30	5 52 54	29°29'06	20°55	4° 5	19°58	23°33	14°39	5°47	0°57	9° 4	2°54	23°R36	23°24	26°45	n.a.	W30
T 31	5 56 50	0♑29'54	4♋23	5♐ 8	20♏29	24♓ 6	14♏50	5♑54	0♏59	9♋ 2	2♊53	23♐36	23♐20	26♓52	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s28	22n27	2n 9	21s22	1n 4	15s49	2n11	9s 0	0s24	13s55	0n43	24s 9	0s21	11s 8	0n23	23n27	0n 0	19n16	1s58	23s40	23s43	2n 5		n.a.
W 2	20 41	23 39	1 2	20 55	1 24	15 28	2 25	8 47	0 22	13 59	0 43	24 9	0 21	11 9	0 23	23 27	0 0	19 16	1 58	23 40	23 43	2 8		n.a.
T 3	20 53	23 34	0s10	20 27	1 44	15 7	2 38	8 34	0 21	14 3	0 43	24 9	0 21	11 10	0 23	23 27	0 0	19 15	1 58	23 40	23 43	2 11		n.a.
F 4	21 6	22 10	1 22	19 57	2 3	14 48	2 50	8 21	0 19	14 8	0 43	24 9	0 22	11 11	0 23	23 28	0 0	19 15	1 57	23 40	23 43	2 14		n.a.
S 5	21 17	19 29	2 31	19 28	2 20	14 29	3 2	8 8	0 18	14 12	0 43	24 9	0 22	11 12	0 23	23 28	0 0	19 15	1 57	23 40	23 43	2 16		n.a.
S 6	21 29	15 41	3 32	18 58	2 36	14 12	3 14	7 55	0 16	14 16	0 43	24 9	0 22	11 14	0 23	23 28	0 0	19 15	1 57	23 40	23 43	2 19		n.a.
M 7	21 40	11 0	4 22	18 30	2 50	13 56	3 24	7 42	0 14	14 20	0 43	24 9	0 22	11 15	0 23	23 28	0 0	19 15	1 57	23 40	23 42	2 22		n.a.
T 8	21 50	5 42	4 57	18 4	3 1	13 41	3 35	7 29	0 13	14 24	0 43	24 9	0 22	11 16	0 23	23 28	0 0	19 14	1 57	23 40	23 42	2 24		n.a.
W 9	22 1	0 3	5 14	17 40	3 11	13 27	3 44	7 15	0 11	14 29	0 43	24 8	0 22	11 17	0 23	23 28	0 0	19 14	1 57	23 40	23 42	2 27		n.a.
T 10	22 10	5s38	5 12	17 19	3 18	13 15	3 53	7 2	0 10	14 33	0 43	24 8	0 22	11 18	0 23	23 28	0 0	19 14	1 57	23 40	23 42	2 30		n.a.
F 11	22 20	11 3	4 51	17 2	3 22	13 4	4 2	6 49	0 9	14 37	0 43	24 8	0 22	11 19	0 23	23 28	0 0	19 14	1 57	23 40	23 42	2 32		n.a.
S 12	22 28	15 53	4 12	16 48	3 24	12 54	4 10	6 35	0 7	14 41	0 43	24 8	0 22	11 20	0 23	23 28	0 0	19 14	1 57	23 40	23 42	2 35		n.a.
S 13	22 37	19 46	3 17	16 38	3 25	12 45	4 17	6 22	0 6	14 45	0 43	24 8	0 22	11 21	0 23	23 29	0 0	19 14	1 57	23 40	23 42	2 38		n.a.
M14	22 45	22 26	2 10	16 32	3 23	12 38	4 24	6 8	0 4	14 49	0 43	24 8	0 22	11 22	0 23	23 29	0 0	19 13	1 57	23 40	23 41	2 41		n.a.
T 15	22 52	23 41	0 57	16 30	3 20	12 32	4 30	5 54	0 3	14 53	0 43	24 8	0 22	11 23	0 23	23 29	0 0	19 13	1 57	23 39	23 41	2 43		n.a.
W16	22 59	23 29	0n18	16 30	3 15	12 27	4 35	5 41	0 2	14 57	0 43	24 7	0 22	11 24	0 23	23 29	0 0	19 13	1 57	23 39	23 41	2 46		n.a.
T 17	23 6	21 55	1 31	16 34	3 10	12 23	4 40	5 27	0 0	15 1	0 43	24 7	0 22	11 25	0 23	23 29	0 0	19 13	1 57	23 40	23 41	2 49		n.a.
F 18	23 12	19 14	2 37	16 41	3 3	12 20	4 45	5 13	0n 1	15 5	0 43	24 7	0 22	11 26	0 23	23 29	0 0	19 13	1 57	23 40	23 41	2 51		n.a.
S 19	23 18	15 41	3 33	16 50	2 55	12 19	4 49	4 59	0 2	15 8	0 43	24 7	0 22	11 27	0 23	23 29	0 0	19 13	1 56	23 40	23 41	2 54		n.a.
S 20	23 23	11 32	4 19	17 2	2 47	12 19	4 53	4 45	0 3	15 12	0 43	24 7	0 23	11 28	0 23	23 29	0 0	19 12	1 56	23 40	23 41	2 57		n.a.
M21	23 28	7 1	4 51	17 15	2 39	12 19	4 56	4 31	0 5	15 16	0 43	24 7	0 23	11 29	0 23	23 30	0 0	19 12	1 56	23 40	23 40	2 59		n.a.
T 22	23 32	2 18	5 11	17 31	2 30	12 21	4 59	4 17	0 6	15 20	0 43	24 6	0 23	11 30	0 23	23 30	0 0	19 12	1 56	23 40	23 40	3 2		n.a.
W23	23 36	2n28	5 17	17 47	2 21	12 24	5 1	4 3	0 7	15 24	0 43	24 6	0 23	11 31	0 23	23 30	0 0	19 12	1 56	23 40	23 40	3 5		n.a.
T 24	23 39	7 9	5 10	18 5	2 11	12 27	5 3	3 49	0 8	15 27	0 43	24 6	0 23	11 32	0 23	23 30	0 0	19 12	1 56	23 40	23 40	3 7		n.a.
F 25	23 42	11 35	4 49	18 24	2 1	12 32	5 4	3 34	0 9	15 31	0 43	24 6	0 23	11 33	0 23	23 30	0 0	19 12	1 56	23 40	23 40	3 10		n.a.
S 26	23 44	15 38	4 15	18 44	1 52	12 37	5 5	3 20	0 10	15 35	0 43	24 6	0 23	11 34	0 23	23 30	0 0	19 11	1 56	23 40	23 40	3 13		n.a.
S 27	23 46	19 6	3 29	19 4	1 42	12 43	5 6	3 6	0 12	15 38	0 43	24 5	0 23	11 35	0 23	23 30	0 0	19 11	1 56	23 40	23 40	3 15		n.a.
M28	23 48	21 45	2 33	19 24	1 32	12 50	5 7	2 51	0 13	15 42	0 43	24 5	0 23	11 36	0 23	23 30	0 0	19 11	1 56	23 40	23 39	3 18		n.a.
T 29	23 49	23 23	1 27	19 45	1 22	12 57	5 7	2 37	0 14	15 45	0 42	24 5	0 23	11 36	0 23	23 31	0 0	19 11	1 56	23 40	23 39	3 21		n.a.
W30	23 49	23 45	0 15	20 7	1 13	13 5	5 7	2 23	0 15	15 49	0 42	24 5	0 23	11 37	0 23	23 31	0 0	19 11	1 56	23 40	23 39	3 23		n.a.
T 31	23s49	22n45	0s59	20s28	1n 3	13s14	5n 6	2s 8	0n16	15s52	0n42	24s 4	0s23	11s38	0n23	23n31	0n 0	19n11	1s56	23s40	23s39	3n26		n.a.

Julian Day Number = 1340801.5, Delta T = 07h15m56s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'41, Lahiri = -18°20'41 Julian Calendar 1 Dec. 1043 BCE == Greg. Calendar 21 Nov. 1043 BCE

The year -1042 astronomical counting style corresponds to year 1043 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

JANUARY 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 0 47	1♉30'41	18♋ 7	6♐14	21♏ 2	24♓40	15♏ 2	6♉ 2	1♏ 1	9°R 0	2°R52	23°R36	23♐17	26♓59	n.a.	F 1
S 2	6 4 43	2°31'26	2♌ 4	7°22	21°36	25°13	15°13	6° 9	1° 3	8♋59	2♊51	23♐35	23°14	27° 5	n.a.	S 2
S 3	6 8 40	3°32'10	16°12	8°32	22°12	25°47	15°24	6°16	1° 6	8°57	2°50	23°33	23°11	27°12	n.a.	S 3
M 4	6 12 37	4°32'53	0♍26	9°44	22°49	26°21	15°36	6°23	1° 8	8°55	2°49	23°32	23° 8	27°19	n.a.	M 4
T 5	6 16 33	5°33'34	14°42	10°57	23°28	26°55	15°47	6°31	1°10	8°54	2°48	23°31	23° 4	27°25	n.a.	T 5
W 6	6 20 30	6°34'14	28°57	12°12	24° 7	27°29	15°58	6°38	1°12	8°52	2°47	23°30	23° 1	27°32	n.a.	W 6
T 7	6 24 26	7°34'52	13♎ 8	13°29	24°48	28° 3	16° 9	6°45	1°14	8°50	2°46	23°D30	22°58	27°39	n.a.	T 7
F 8	6 28 23	8°35'30	27°13	14°47	25°30	28°37	16°19	6°53	1°16	8°48	2°45	23°31	22°55	27°46	n.a.	F 8
S 9	6 32 19	9°36'06	11♏11	16° 7	26°13	29°12	16°30	7° 0	1°18	8°47	2°44	23°32	22°52	27°52	n.a.	S 9
S 10	6 36 16	10°36'40	24°59	17°28	26°56	29°46	16°41	7° 7	1°20	8°45	2°43	23°33	22°49	27°59	n.a.	S 10
M11	6 40 12	11°37'14	8♐38	18°50	27°41	0♈21	16°51	7°14	1°22	8°43	2°42	23°34	22°45	28° 6	n.a.	M11
T 12	6 44 9	12°37'45	22° 5	20°13	28°27	0°55	17° 2	7°22	1°23	8°42	2°41	23°R35	22°42	28°13	n.a.	T 12
W13	6 48 6	13°38'15	5♉19	21°38	29°14	1°30	17°12	7°29	1°25	8°40	2°40	23°35	22°39	28°19	n.a.	W13
T 14	6 52 2	14°38'43	18°20	23° 4	0♐ 2	2° 4	17°23	7°36	1°27	8°38	2°39	23°33	22°36	28°26	n.a.	T 14
F 15	6 55 59	15°39'10	1♒ 6	24°31	0°50	2°39	17°33	7°43	1°28	8°37	2°38	23°30	22°33	28°33	n.a.	F 15
S 16	6 59 55	16°39'34	13°39	25°59	1°39	3°14	17°43	7°51	1°30	8°35	2°37	23°27	22°30	28°39	n.a.	S 16
S 17	7 3 52	17°39'57	25°58	27°28	2°29	3°48	17°53	7°58	1°32	8°33	2°36	23°23	22°26	28°46	n.a.	S 17
M18	7 7 48	18°40'17	8♓ 5	28°58	3°20	4°23	18° 2	8° 5	1°33	8°32	2°36	23°18	22°23	28°53	n.a.	M18
T 19	7 11 45	19°40'35	20° 4	0♉29	4°12	4°58	18°12	8°12	1°34	8°30	2°35	23°15	22°20	29° 0	n.a.	T 19
W20	7 15 41	20°40'51	1♈57	2° 1	5° 4	5°33	18°22	8°19	1°36	8°28	2°34	23°12	22°17	29° 6	n.a.	W20
T 21	7 19 38	21°41'05	13°49	3°34	5°57	6° 8	18°31	8°26	1°37	8°27	2°33	23°10	22°14	29°13	n.a.	T 21
F 22	7 23 35	22°41'16	25°44	5° 8	6°50	6°43	18°41	8°34	1°38	8°25	2°32	23°D10	22°10	29°20	n.a.	F 22
S 23	7 27 31	23°41'26	7♉48	6°44	7°44	7°19	18°50	8°41	1°40	8°24	2°32	23°11	22° 7	29°27	n.a.	S 23
S 24	7 31 28	24°41'33	20° 5	8°20	8°39	7°54	18°59	8°48	1°41	8°22	2°31	23°13	22° 4	29°33	n.a.	S 24
M25	7 35 24	25°41'38	2♊39	9°57	9°34	8°29	19° 8	8°55	1°42	8°20	2°30	23°14	22° 1	29°40	n.a.	M25
T 26	7 39 21	26°41'41	15°35	11°36	10°29	9° 4	19°17	9° 2	1°43	8°19	2°30	23°16	21°58	29°47	n.a.	T 26
W27	7 43 17	27°41'41	28°54	13°15	11°26	9°40	19°26	9° 9	1°44	8°17	2°29	23°R16	21°55	29°53	n.a.	W27
T 28	7 47 14	28°41'40	12♋37	14°56	12°22	10°15	19°34	9°16	1°45	8°16	2°28	23°14	21°51	0♈ 0	n.a.	T 28
F 29	7 51 10	29°41'36	26°43	16°38	13°20	10°50	19°43	9°23	1°46	8°14	2°28	23°11	21°48	0° 7	n.a.	F 29
S 30	7 55 7	0♒41'30	11♌ 8	18°20	14°17	11°26	19°51	9°30	1°47	8°13	2°27	23° 6	21°45	0°14	n.a.	S 30
S 31	7 59 4	1♒41'22	25♌46	20♉ 4	15♐15	12♈ 1	20♏ 0	9♉37	1♏48	8♋11	2♊27	23♐ 0	21♐42	0♈20	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23 s49	20n24	2 s12	20 s49	0n54	13 s24	5n 5	1 s54	0n17	15 s56	0n42	24 s 4	0 s23	11 s39	0n23	23n31	0n 0	19n11	1 s55	23 s40	23 s39	3n29		n.a.
S 2	23 48	16 48	3 17	21 9	0 44	13 33	5 4	1 39	0 18	15 59	0 42	24 4	0 23	11 40	0 23	23 31	0 0	19 10	1 55	23 40	23 39	3 31		n.a.
S 3	23 46	12 14	4 12	21 30	0 35	13 44	5 3	1 25	0 19	16 2	0 42	24 4	0 24	11 40	0 23	23 31	0 1	19 10	1 55	23 40	23 38	3 34		n.a.
M 4	23 44	6 58	4 51	21 50	0 26	13 54	5 2	1 10	0 20	16 6	0 42	24 3	0 24	11 41	0 23	23 31	0 1	19 10	1 55	23 39	23 38	3 37		n.a.
T 5	23 42	1 19	5 13	22 9	0 17	14 6	5 0	0 56	0 21	16 9	0 42	24 3	0 24	11 42	0 23	23 31	0 1	19 10	1 55	23 39	23 38	3 39		n.a.
W 6	23 39	4 s22	5 15	22 28	0 9	14 17	4 58	0 41	0 22	16 12	0 42	24 3	0 24	11 43	0 23	23 32	0 1	19 10	1 55	23 39	23 38	3 42		n.a.
T 7	23 36	9 49	4 58	22 47	0 0	14 29	4 56	0 26	0 23	16 15	0 42	24 2	0 24	11 43	0 23	23 32	0 1	19 10	1 55	23 39	23 38	3 45		n.a.
F 8	23 32	14 43	4 23	23 4	0 s 8	14 41	4 54	0 12	0 24	16 18	0 42	24 2	0 24	11 44	0 23	23 32	0 1	19 10	1 55	23 39	23 38	3 47		n.a.
S 9	23 28	18 47	3 33	23 21	0 16	14 54	4 51	0n 3	0 24	16 22	0 42	24 2	0 24	11 45	0 23	23 32	0 1	19 10	1 55	23 39	23 37	3 50		n.a.
S 10	23 23	21 46	2 31	23 37	0 24	15 6	4 48	0 18	0 25	16 25	0 42	24 1	0 24	11 45	0 23	23 32	0 1	19 10	1 55	23 40	23 37	3 52		n.a.
M11	23 18	23 26	1 22	23 52	0 32	15 19	4 46	0 32	0 26	16 28	0 42	24 1	0 24	11 46	0 23	23 32	0 1	19 9	1 55	23 40	23 37	3 55		n.a.
T 12	23 12	23 43	0 8	24 6	0 39	15 32	4 43	0 47	0 27	16 31	0 42	24 1	0 24	11 47	0 23	23 32	0 1	19 9	1 54	23 40	23 37	3 58		n.a.
W13	23 6	22 38	1n 4	24 19	0 46	15 46	4 39	1 2	0 28	16 34	0 42	24 1	0 24	11 47	0 23	23 32	0 1	19 9	1 54	23 40	23 37	4 0		n.a.
T 14	23 0	20 22	2 12	24 31	0 53	15 59	4 36	1 16	0 29	16 37	0 42	24 0	0 24	11 48	0 23	23 33	0 1	19 9	1 54	23 40	23 36	4 3		n.a.
F 15	22 53	17 6	3 12	24 42	1 0	16 12	4 33	1 31	0 30	16 39	0 42	24 0	0 24	11 48	0 23	23 33	0 1	19 9	1 54	23 39	23 36	4 6		n.a.
S 16	22 46	13 8	4 1	24 52	1 6	16 26	4 29	1 46	0 30	16 42	0 42	23 59	0 25	11 49	0 24	23 33	0 1	19 9	1 54	23 39	23 36	4 8		n.a.
S 17	22 38	8 42	4 39	25 0	1 12	16 39	4 25	2 1	0 31	16 45	0 42	23 59	0 25	11 49	0 24	23 33	0 1	19 9	1 54	23 39	23 36	4 11		n.a.
M18	22 30	4 0	5 2	25 7	1 18	16 53	4 22	2 15	0 32	16 48	0 42	23 59	0 25	11 50	0 24	23 33	0 1	19 9	1 54	23 39	23 36	4 13		n.a.
T 19	22 21	0n47	5 13	25 13	1 23	17 6	4 18	2 30	0 33	16 51	0 42	23 58	0 25	11 50	0 24	23 33	0 1	19 9	1 54	23 39	23 36	4 16		n.a.
W20	22 12	5 31	5 10	25 17	1 29	17 19	4 14	2 45	0 33	16 53	0 42	23 58	0 25	11 51	0 24	23 33	0 1	19 9	1 54	23 38	23 35	4 19		n.a.
T 21	22 2	10 2	4 53	25 20	1 34	17 33	4 9	3 0	0 34	16 56	0 42	23 58	0 25	11 51	0 24	23 33	0 1	19 9	1 54	23 38	23 35	4 21		n.a.
F 22	21 53	14 11	4 24	25 21	1 38	17 46	4 5	3 15	0 35	16 59	0 42	23 57	0 25	11 52	0 24	23 34	0 1	19 9	1 54	23 38	23 35	4 24		n.a.
S 23	21 42	17 51	3 43	25 21	1 42	17 59	4 1	3 29	0 36	17 1	0 42	23 57	0 25	11 52	0 24	23 34	0 1	19 9	1 53	23 38	23 35	4 27		n.a.
S 24	21 32	20 47	2 51	25 19	1 46	18 12	3 57	3 44	0 36	17 4	0 42	23 56	0 25	11 53	0 24	23 34	0 1	19 9	1 53	23 38	23 35	4 29		n.a.
M25	21 20	22 49	1 50	25 16	1 50	18 25	3 52	3 59	0 37	17 6	0 42	23 56	0 25	11 53	0 24	23 34	0 1	19 9	1 53	23 39	23 34	4 32		n.a.
T 26	21 9	23 43	0 42	25 11	1 53	18 37	3 47	4 14	0 38	17 9	0 42	23 56	0 25	11 53	0 24	23 34	0 1	19 8	1 53	23 39	23 34	4 34		n.a.
W27	20 57	23 18	0 s31	25 4	1 56	18 50	3 43	4 28	0 38	17 11	0 42	23 55	0 26	11 54	0 24	23 34	0 1	19 8	1 53	23 39	23 34	4 37		n.a.
T 28	20 45	21 29	1 44	24 55	1 58	19 2	3 38	4 43	0 39	17 13	0 42	23 55	0 26	11 54	0 24	23 34	0 1	19 8	1 53	23 39	23 34	4 40		n.a.
F 29	20 32	18 20	2 52	24 45	2 0	19 14	3 33	4 58	0 40	17 16	0 42	23 54	0 26	11 54	0 24	23 34	0 1	19 8	1 53	23 38	23 34	4 42		n.a.
S 30	20 19	14 0	3 51	24 33	2 2	19 25	3 29	5 13	0 40	17 18	0 42	23 54	0 26	11 55	0 24	23 34	0 1	19 8	1 53	23 38	23 33	4 45		n.a.
S 31	20 s 6	8n49	4 s36	24 s19	2 s 3	19 s37	3n24	5n27	0n41	17 s20	0n42	23 s54	0 s26	11 s55	0n24	23n35	0n 1	19n 8	1 s53	23 s38	23 s33	4n47		n.a.

Julian Day Number = 1340832.5, Delta T = 07h15m55s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'37, Lahiri = -18°20'37 Julian Calendar 1 Jan. 1042 BCE == Greg. Calendar 22 Dec. 1043 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

FEBRUARY 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 3 0	2♒41'12	10♍29	21♑49	16♐14	12♈37	20♏ 8	9♑44	1♏48	8°R10	2°R26	22°R54	21♐39	0♈27	n.a.	M 1
T 2	8 6 57	3°41'00	25° 9	23°35	17°13	13°12	20°16	9°51	1°49	8♋ 8	2♊26	22♐49	21°36	0°34	n.a.	T 2
W 3	8 10 53	4°40'46	9♎42	25°23	18°12	13°48	20°24	9°57	1°50	8° 7	2°25	22°44	21°32	0°40	n.a.	W 3
T 4	8 14 50	5°40'30	24° 1	27°11	19°12	14°24	20°32	10° 4	1°50	8° 5	2°25	22°42	21°29	0°47	n.a.	T 4
F 5	8 18 46	6°40'13	8♏ 5	29° 1	20°12	14°59	20°39	10°11	1°51	8° 4	2°24	22°D41	21°26	0°54	n.a.	F 5
S 6	8 22 43	7°39'54	21°52	0♒52	21°13	15°35	20°47	10°18	1°51	8° 2	2°24	22°42	21°23	1° 1	n.a.	S 6
S 7	8 26 39	8°39'33	5♐23	2°44	22°13	16°11	20°54	10°24	1°52	8° 1	2°23	22°43	21°20	1° 7	n.a.	S 7
M 8	8 30 36	9°39'10	18°40	4°37	23°15	16°46	21° 1	10°31	1°52	7°59	2°23	22°R44	21°16	1°14	n.a.	M 8
T 9	8 34 32	10°38'45	1♑43	6°32	24°16	17°22	21° 8	10°38	1°53	7°58	2°22	22°44	21°13	1°21	n.a.	T 9
W10	8 38 29	11°38'18	14°34	8°27	25°18	17°58	21°15	10°44	1°53	7°57	2°22	22°42	21°10	1°28	n.a.	W10
T 11	8 42 26	12°37'49	27°14	10°24	26°20	18°34	21°22	10°51	1°53	7°55	2°22	22°37	21° 7	1°34	n.a.	T 11
F 12	8 46 22	13°37'18	9♒44	12°21	27°22	19°10	21°28	10°57	1°53	7°54	2°21	22°30	21° 4	1°41	n.a.	F 12
S 13	8 50 19	14°36'45	22° 4	14°20	28°25	19°46	21°35	11° 4	1°53	7°53	2°21	22°21	21° 1	1°48	n.a.	S 13
S 14	8 54 15	15°36'10	4♓15	16°20	29°28	20°22	21°41	11°10	1°53	7°52	2°21	22°11	20°57	1°54	n.a.	S 14
M15	8 58 12	16°35'32	16°17	18°20	0♑31	20°58	21°47	11°17	1°R53	7°50	2°21	22° 0	20°54	2° 1	n.a.	M15
T 16	9 2 8	17°34'52	28°13	20°21	1°34	21°34	21°53	11°23	1°53	7°49	2°20	21°50	20°51	2° 8	n.a.	T 16
W17	9 6 5	18°34'09	10♈ 5	22°23	2°38	22°10	21°59	11°29	1°53	7°48	2°20	21°42	20°48	2°15	n.a.	W17
T 18	9 10 1	19°33'24	21°56	24°25	3°42	22°46	22° 5	11°36	1°53	7°47	2°20	21°36	20°45	2°21	n.a.	T 18
F 19	9 13 58	20°32'37	3♉50	26°27	4°46	23°22	22°10	11°42	1°53	7°46	2°20	21°32	20°41	2°28	n.a.	F 19
S 20	9 17 54	21°31'47	15°51	28°30	5°50	23°58	22°16	11°48	1°53	7°44	2°20	21°30	20°38	2°35	n.a.	S 20
S 21	9 21 51	22°30'55	28° 4	0♓32	6°55	24°34	22°21	11°54	1°52	7°43	2°20	21°D30	20°35	2°41	n.a.	S 21
M22	9 25 48	23°30'01	10♊34	2°33	8° 0	25°10	22°26	12° 0	1°52	7°42	2°20	21°31	20°32	2°48	n.a.	M22
T 23	9 29 44	24°29'04	23°27	4°33	9° 4	25°47	22°31	12° 6	1°52	7°41	2°20	21°R31	20°29	2°55	n.a.	T 23
W24	9 33 41	25°28'05	6♋46	6°32	10°10	26°23	22°35	12°12	1°51	7°40	2°D20	21°30	20°26	3° 2	n.a.	W24
T 25	9 37 37	26°27'03	20°34	8°30	11°15	26°59	22°40	12°18	1°51	7°39	2°20	21°27	20°22	3° 8	n.a.	T 25
F 26	9 41 34	27°25'59	4♌49	10°25	12°20	27°35	22°44	12°24	1°50	7°38	2°20	21°21	20°19	3°15	n.a.	F 26
S 27	9 45 30	28°24'52	19°30	12°18	13°26	28°11	22°48	12°30	1°50	7°37	2°20	21°13	20°16	3°22	n.a.	S 27
S 28	9 49 27	29♒23'44	4♍28	14♓ 8	14♑32	28♈48	22♏52	12♑36	1♏49	7♋36	2♊20	21♐ 4	20♐13	3♈29	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s52	3n 6	5s 2	24s 3	2s 3	19s48	3n19	5n42	0n42	17s22	0n43	23s53	0s26	11s55	0n24	23n35	0n 1	19n 8	1s53	23s38	23s33	4n50		n.a.
T 2	19 38	2s46	5 9	23 45	2 4	19 58	3 14	5 56	0 42	17 25	0 43	23 53	0 26	11 55	0 24	23 35	0 1	19 8	1 52	23 37	23 33	4 53		n.a.
W 3	19 24	8 25	4 56	23 25	2 4	20 9	3 9	6 11	0 43	17 27	0 43	23 52	0 26	11 56	0 24	23 35	0 1	19 8	1 52	23 37	23 33	4 55		n.a.
T 4	19 9	13 33	4 25	23 4	2 3	20 19	3 4	6 26	0 44	17 29	0 43	23 52	0 26	11 56	0 24	23 35	0 1	19 8	1 52	23 37	23 32	4 58		n.a.
F 5	18 54	17 51	3 38	22 40	2 2	20 28	2 59	6 40	0 44	17 31	0 43	23 52	0 26	11 56	0 24	23 35	0 1	19 8	1 52	23 37	23 32	5 0		n.a.
S 6	18 39	21 5	2 39	22 14	2 0	20 38	2 54	6 55	0 45	17 33	0 43	23 51	0 26	11 56	0 24	23 35	0 1	19 8	1 52	23 37	23 32	5 3		n.a.
S 7	18 23	23 3	1 32	21 46	1 58	20 47	2 49	7 9	0 45	17 35	0 43	23 51	0 27	11 56	0 24	23 35	0 1	19 8	1 52	23 37	23 32	5 5		n.a.
M 8	18 7	23 42	0 22	21 16	1 55	20 55	2 44	7 24	0 46	17 37	0 43	23 50	0 27	11 56	0 24	23 35	0 1	19 8	1 52	23 37	23 32	5 8		n.a.
T 9	17 51	23 0	0n48	20 44	1 52	21 3	2 39	7 38	0 46	17 39	0 43	23 50	0 27	11 57	0 24	23 35	0 1	19 8	1 52	23 37	23 31	5 11		n.a.
W10	17 34	21 6	1 55	20 11	1 48	21 10	2 34	7 53	0 47	17 40	0 43	23 49	0 27	11 57	0 24	23 36	0 1	19 8	1 52	23 37	23 31	5 13		n.a.
T 11	17 17	18 11	2 55	19 35	1 44	21 18	2 29	8 7	0 47	17 42	0 43	23 49	0 27	11 57	0 24	23 36	0 1	19 9	1 52	23 37	23 31	5 16		n.a.
F 12	17 0	14 29	3 45	18 57	1 39	21 24	2 23	8 21	0 48	17 44	0 43	23 48	0 27	11 57	0 24	23 36	0 1	19 9	1 51	23 36	23 31	5 18		n.a.
S 13	16 42	10 13	4 24	18 17	1 33	21 30	2 18	8 36	0 49	17 46	0 43	23 48	0 27	11 57	0 24	23 36	0 1	19 9	1 51	23 36	23 31	5 21		n.a.
S 14	16 25	5 36	4 50	17 35	1 27	21 36	2 13	8 50	0 49	17 47	0 43	23 48	0 27	11 57	0 24	23 36	0 1	19 9	1 51	23 35	23 30	5 23		n.a.
M15	16 7	0 51	5 3	16 51	1 21	21 41	2 8	9 4	0 50	17 49	0 43	23 47	0 27	11 57	0 24	23 36	0 1	19 9	1 51	23 34	23 30	5 26		n.a.
T 16	15 48	3n54	5 3	16 5	1 13	21 46	2 3	9 18	0 50	17 50	0 43	23 47	0 27	11 57	0 24	23 36	0 1	19 9	1 51	23 34	23 30	5 29		n.a.
W17	15 30	8 29	4 50	15 18	1 5	21 50	1 58	9 33	0 51	17 52	0 43	23 46	0 28	11 57	0 24	23 36	0 1	19 9	1 51	23 33	23 30	5 31		n.a.
T 18	15 11	12 44	4 24	14 29	0 57	21 53	1 53	9 47	0 51	17 53	0 43	23 46	0 28	11 57	0 24	23 36	0 1	19 9	1 51	23 33	23 29	5 34		n.a.
F 19	14 52	16 32	3 46	13 39	0 48	21 56	1 48	10 1	0 52	17 55	0 43	23 45	0 28	11 57	0 24	23 36	0 1	19 9	1 51	23 33	23 29	5 36		n.a.
S 20	14 33	19 41	2 59	12 47	0 38	21 59	1 42	10 15	0 52	17 56	0 43	23 45	0 28	11 56	0 24	23 36	0 1	19 9	1 51	23 33	23 29	5 39		n.a.
S 21	14 14	22 1	2 2	11 54	0 28	22 1	1 37	10 29	0 52	17 57	0 43	23 44	0 28	11 56	0 24	23 37	0 1	19 9	1 50	23 33	23 29	5 41		n.a.
M22	13 54	23 21	0 58	11 0	0 18	22 2	1 32	10 43	0 53	17 59	0 43	23 44	0 28	11 56	0 24	23 37	0 1	19 9	1 50	23 33	23 28	5 44		n.a.
T 23	13 34	23 29	0s10	10 6	0 7	22 3	1 27	10 56	0 53	18 0	0 43	23 43	0 28	11 56	0 24	23 37	0 1	19 9	1 50	23 33	23 28	5 46		n.a.
W24	13 14	22 18	1 20	9 11	0n 5	22 3	1 22	11 10	0 54	18 1	0 43	23 43	0 28	11 56	0 24	23 37	0 1	19 9	1 50	23 32	23 28	5 49		n.a.
T 25	12 54	19 47	2 28	8 16	0 16	22 3	1 17	11 24	0 54	18 2	0 43	23 43	0 28	11 56	0 24	23 37	0 1	19 10	1 50	23 32	23 28	5 51		n.a.
F 26	12 33	15 59	3 29	7 21	0 28	22 2	1 12	11 38	0 55	18 3	0 43	23 42	0 28	11 55	0 24	23 37	0 1	19 10	1 50	23 32	23 28	5 54		n.a.
S 27	12 13	11 8	4 18	6 26	0 40	22 1	1 8	11 51	0 55	18 4	0 43	23 42	0 29	11 55	0 24	23 37	0 1	19 10	1 50	23 31	23 27	5 57		n.a.
S 28	11s52	5n32	4s50	5s32	0n52	21s58	1n 3	12n 5	0n55	18s 5	0n43	23s41	0s29	11s55	0n24	23n37	0n 1	19n10	1s50	23s31	23s27	5n59		n.a.

Julian Day Number = 1340863.5, Delta T = 07h15m53s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'33, Lahiri = -18°20'32 Julian Calendar 1 Feb. 1042 BCE == Greg. Calendar 22 Jan. 1042 BCE

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

MARCH 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 53 23	0♓22'33	19♍35	15♓55	15♉38	29♈24	22♏56	12♉41	1°R48	7°R35	2♊20	20°R53	20♐10	3♈35	n.a.	M 1
T 2	9 57 20	1°21'20	4♎40	17°39	16°44	0♉ 0	23° 0	12°47	1♏47	7♋35	2°20	20♐44	20° 7	3°42	n.a.	T 2
W 3	10 1 17	2°20'05	19°35	19°18	17°50	0°37	23° 3	12°53	1°47	7°34	2°20	20°36	20° 3	3°49	n.a.	W 3
T 4	10 5 13	3°18'48	4♏11	20°54	18°57	1°13	23° 7	12°58	1°46	7°33	2°20	20°31	20° 0	3°55	n.a.	T 4
F 5	10 9 10	4°17'30	18°24	22°25	20° 3	1°49	23°10	13° 4	1°45	7°32	2°21	20°28	19°57	4° 2	n.a.	F 5
S 6	10 13 6	5°16'10	2♐14	23°51	21°10	2°26	23°13	13° 9	1°44	7°31	2°21	20°D27	19°54	4° 9	n.a.	S 6
S 7	10 17 3	6°14'48	15°40	25°13	22°17	3° 2	23°16	13°14	1°43	7°31	2°21	20°R27	19°51	4°16	n.a.	S 7
M 8	10 20 59	7°13'24	28°47	26°29	23°24	3°39	23°18	13°20	1°42	7°30	2°21	20°27	19°47	4°22	n.a.	M 8
T 9	10 24 56	8°11'59	11♉36	27°40	24°31	4°15	23°21	13°25	1°41	7°29	2°22	20°25	19°44	4°29	n.a.	T 9
W10	10 28 52	9°10'31	24°12	28°46	25°38	4°51	23°23	13°30	1°40	7°29	2°22	20°21	19°41	4°36	n.a.	W10
T 11	10 32 49	10° 9'02	6♒36	29°46	26°46	5°28	23°25	13°35	1°38	7°28	2°22	20°15	19°38	4°42	n.a.	T 11
F 12	10 36 45	11° 7'31	18°51	0♈41	27°53	6° 4	23°27	13°40	1°37	7°28	2°23	20° 5	19°35	4°49	n.a.	F 12
S 13	10 40 42	12° 5'58	0♓59	1°29	29° 1	6°41	23°28	13°45	1°36	7°27	2°23	19°53	19°32	4°56	n.a.	S 13
S 14	10 44 39	13° 4'22	13° 0	2°12	0♒ 9	7°17	23°30	13°50	1°35	7°26	2°24	19°39	19°28	5° 3	n.a.	S 14
M15	10 48 35	14° 2'45	24°57	2°49	1°17	7°54	23°31	13°55	1°33	7°26	2°24	19°25	19°25	5° 9	n.a.	M15
T 16	10 52 32	15° 1'06	6♈50	3°21	2°25	8°31	23°32	13°59	1°32	7°26	2°24	19°11	19°22	5°16	n.a.	T 16
W17	10 56 28	15°59'25	18°40	3°46	3°33	9° 7	23°33	14° 4	1°30	7°25	2°25	18°59	19°19	5°23	n.a.	W17
T 18	11 0 25	16°57'42	0♉31	4° 5	4°41	9°44	23°34	14° 8	1°29	7°25	2°25	18°50	19°16	5°29	n.a.	T 18
F 19	11 4 21	17°55'57	12°25	4°19	5°49	10°20	23°34	14°13	1°27	7°24	2°26	18°44	19°13	5°36	n.a.	F 19
S 20	11 8 18	18°54'09	24°25	4°26	6°57	10°57	23°35	14°17	1°26	7°24	2°26	18°40	19° 9	5°43	n.a.	S 20
S 21	11 12 14	19°52'20	6♊37	4°R28	8° 6	11°33	23°R35	14°22	1°24	7°24	2°27	18°39	19° 6	5°50	n.a.	S 21
M22	11 16 11	20°50'28	19° 4	4°25	9°14	12°10	23°35	14°26	1°23	7°24	2°28	18°39	19° 3	5°56	n.a.	M22
T 23	11 20 7	21°48'35	1♋53	4°16	10°23	12°47	23°35	14°30	1°21	7°23	2°28	18°38	19° 0	6° 3	n.a.	T 23
W24	11 24 4	22°46'39	15° 7	4° 2	11°32	13°23	23°34	14°34	1°19	7°23	2°29	18°37	18°57	6°10	n.a.	W24
T 25	11 28 1	23°44'41	28°49	3°43	12°41	14° 0	23°34	14°38	1°17	7°23	2°30	18°34	18°53	6°16	n.a.	T 25
F 26	11 31 57	24°42'41	13♌ 2	3°21	13°49	14°37	23°33	14°42	1°16	7°23	2°30	18°28	18°50	6°23	n.a.	F 26
S 27	11 35 54	25°40'39	27°42	2°54	14°58	15°13	23°32	14°46	1°14	7°23	2°31	18°20	18°47	6°30	n.a.	S 27
S 28	11 39 50	26°38'35	12♍46	2°24	16° 7	15°50	23°31	14°50	1°12	7°23	2°32	18°10	18°44	6°37	n.a.	S 28
M29	11 43 47	27°36'29	28° 2	1°51	17°16	16°27	23°30	14°54	1°10	7°D23	2°32	17°59	18°41	6°43	n.a.	M29
T 30	11 47 43	28°34'22	13♎21	1°16	18°26	17° 4	23°28	14°57	1° 8	7°23	2°33	17°49	18°38	6°50	n.a.	T 30
W31	11 51 40	29♓32'13	28♎32	0♈40	19♒35	17♉40	23♏26	15♉ 1	1♏ 6	7♋23	2♊34	17♐40	18♐34	6♈57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s31	0s26	5s 2	4s39	1n 4	21s56	0n58	12n18	0n56	18s 6	0n43	23s41	0s29	11s55	0n24	23n37	0n 1	19n10	1s50	23s30	23s27	6n 2			n.a.
T 2	11 10	6 21	4 53	3 47	1 16	21 52	0 53	12 32	0 56	18 7	0 43	23 40	0 29	11 54	0 24	23 37	0 1	19 10	1 50	23 29	23 27	6 4			n.a.
W 3	10 48	11 51	4 25	2 57	1 28	21 49	0 48	12 45	0 57	18 8	0 43	23 40	0 29	11 54	0 24	23 37	0 1	19 10	1 49	23 29	23 26	6 7			n.a.
T 4	10 27	16 33	3 39	2 8	1 40	21 44	0 44	12 58	0 57	18 9	0 43	23 40	0 29	11 54	0 24	23 37	0 1	19 10	1 49	23 28	23 26	6 9			n.a.
F 5	10 5	20 9	2 41	1 22	1 51	21 39	0 39	13 11	0 57	18 10	0 43	23 39	0 29	11 54	0 24	23 37	0 1	19 11	1 49	23 28	23 26	6 12			n.a.
S 6	9 44	22 29	1 35	0 37	2 2	21 33	0 34	13 25	0 58	18 11	0 43	23 39	0 29	11 53	0 24	23 37	0 1	19 11	1 49	23 28	23 26	6 14			n.a.
S 7	9 22	23 27	0 25	0n 5	2 12	21 27	0 30	13 38	0 58	18 11	0 43	23 38	0 29	11 53	0 24	23 37	0 1	19 11	1 49	23 28	23 25	6 17			n.a.
M 8	9 0	23 5	0n44	0 45	2 22	21 20	0 25	13 51	0 59	18 12	0 43	23 38	0 30	11 52	0 24	23 38	0 1	19 11	1 49	23 28	23 25	6 19			n.a.
T 9	8 38	21 29	1 49	1 22	2 31	21 13	0 21	14 4	0 59	18 13	0 43	23 37	0 30	11 52	0 24	23 38	0 1	19 11	1 49	23 28	23 25	6 22			n.a.
W10	8 15	18 51	2 48	1 56	2 39	21 5	0 17	14 16	0 59	18 13	0 43	23 37	0 30	11 52	0 24	23 38	0 1	19 11	1 49	23 28	23 25	6 24			n.a.
T 11	7 53	15 24	3 38	2 27	2 47	20 56	0 12	14 29	1 0	18 14	0 43	23 37	0 30	11 51	0 24	23 38	0 1	19 12	1 49	23 27	23 24	6 27			n.a.
F 12	7 30	11 21	4 17	2 55	2 54	20 47	0 8	14 42	1 0	18 14	0 43	23 36	0 30	11 51	0 24	23 38	0 1	19 12	1 48	23 26	23 24	6 29			n.a.
S 13	7 8	6 53	4 44	3 20	3 0	20 37	0 4	14 54	1 0	18 14	0 43	23 36	0 30	11 50	0 24	23 38	0 1	19 12	1 48	23 26	23 24	6 32			n.a.
S 14	6 45	2 12	4 58	3 42	3 4	20 27	0s 0	15 7	1 1	18 15	0 43	23 35	0 30	11 50	0 24	23 38	0 1	19 12	1 48	23 24	23 24	6 34			n.a.
M15	6 22	2n31	4 58	4 1	3 8	20 16	0 5	15 19	1 1	18 15	0 43	23 35	0 30	11 49	0 24	23 38	0 1	19 12	1 48	23 23	23 23	6 37			n.a.
T 16	6 0	7 7	4 46	4 16	3 11	20 4	0 9	15 32	1 1	18 15	0 43	23 35	0 31	11 49	0 24	23 38	0 1	19 12	1 48	23 22	23 23	6 39			n.a.
W17	5 37	11 26	4 21	4 27	3 12	19 52	0 13	15 44	1 2	18 16	0 43	23 34	0 31	11 48	0 24	23 38	0 1	19 13	1 48	23 21	23 23	6 42			n.a.
T 18	5 14	15 20	3 45	4 35	3 13	19 40	0 16	15 56	1 2	18 16	0 43	23 34	0 31	11 48	0 24	23 38	0 1	19 13	1 48	23 20	23 23	6 44			n.a.
F 19	4 51	18 38	2 59	4 40	3 12	19 27	0 20	16 8	1 2	18 16	0 43	23 34	0 31	11 47	0 24	23 38	0 1	19 13	1 48	23 20	23 22	6 47			n.a.
S 20	4 27	21 11	2 4	4 41	3 10	19 13	0 24	16 20	1 2	18 16	0 43	23 33	0 31	11 47	0 24	23 38	0 1	19 13	1 48	23 20	23 22	6 49			n.a.
S 21	4 4	22 48	1 3	4 39	3 6	18 59	0 28	16 32	1 3	18 16	0 43	23 33	0 31	11 46	0 24	23 38	0 1	19 13	1 48	23 19	23 22	6 52			n.a.
M22	3 41	23 19	0s 2	4 33	3 2	18 44	0 31	16 44	1 3	18 16	0 43	23 33	0 31	11 46	0 24	23 38	0 2	19 14	1 47	23 19	23 22	6 54			n.a.
T 23	3 18	22 39	1 9	4 24	2 55	18 28	0 35	16 55	1 3	18 16	0 43	23 32	0 31	11 45	0 24	23 38	0 2	19 14	1 47	23 19	23 21	6 57			n.a.
W24	2 55	20 43	2 15	4 11	2 48	18 13	0 38	17 7	1 4	18 16	0 43	23 32	0 32	11 44	0 24	23 38	0 2	19 14	1 47	23 19	23 21	6 59			n.a.
T 25	2 31	17 32	3 15	3 56	2 39	17 56	0 42	17 18	1 4	18 16	0 43	23 32	0 32	11 44	0 24	23 38	0 2	19 14	1 47	23 19	23 21	7 2			n.a.
F 26	2 8	13 15	4 6	3 37	2 29	17 39	0 45	17 30	1 4	18 16	0 43	23 31	0 32	11 43	0 24	23 38	0 2	19 15	1 47	23 19	23 20	7 4			n.a.
S 27	1 45	8 3	4 42	3 16	2 18	17 22	0 48	17 41	1 4	18 15	0 43	23 31	0 32	11 43	0 24	23 38	0 2	19 15	1 47	23 18	23 20	7 6			n.a.
S 28	1 21	2 16	4 59	2 53	2 5	17 4	0 51	17 52	1 5	18 15	0 43	23 31	0 32	11 42	0 24	23 38	0 2	19 15	1 47	23 17	23 20	7 9			n.a.
M29	0 58	3s43	4 56	2 27	1 52	16 46	0 54	18 3	1 5	18 15	0 43	23 30	0 32	11 41	0 24	23 38	0 2	19 15	1 47	23 16	23 20	7 11			n.a.
T 30	0 35	9 31	4 32	2 0	1 37	16 27	0 57	18 14	1 5	18 14	0 43	23 30	0 32	11 40	0 24	23 38	0 2	19 16	1 47	23 15	23 19	7 14			n.a.
W31	0s11	14s40	3s48	1n31	1n22	16s 8	1s 0	18n25	1n 5	18s14	0n43	23s30	0s33	11s40	0n24	23n38	0n 2	19n16	1s47	23s14	23s19	7n16			n.a.

Julian Day Number = 1340891.5, Delta T = 07h15m52s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'29, Lahiri = -18°20'29 Julian Calendar 1 March 1042 BCE == Greg. Calendar 19 Feb. 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

APRIL 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 55 36	0♈30'02	13♏23	0°R 3	20♒44	18♉17	23°R25	15♋ 4	1°R 4	7♋23	2♊35	17°R34	18♐31	7♈ 4	n.a.	T 1
F 2	11 59 33	1°27'51	27°50	29♓26	21°54	18°54	23♏23	15° 8	1♏ 2	7°23	2°36	17♐31	18°28	7°10	n.a.	F 2
S 3	12 3 30	2°25'37	11♐49	28°49	23° 3	19°30	23°20	15°11	1° 0	7°23	2°36	17°D30	18°25	7°17	n.a.	S 3
S 4	12 7 26	3°23'23	25°21	28°13	24°13	20° 7	23°18	15°14	0°58	7°23	2°37	17°30	18°22	7°24	n.a.	S 4
M 5	12 11 23	4°21'07	8♋28	27°39	25°22	20°44	23°15	15°17	0°56	7°24	2°38	17°R30	18°18	7°30	n.a.	M 5
T 6	12 15 19	5°18'51	21°14	27° 7	26°32	21°21	23°12	15°20	0°54	7°24	2°39	17°29	18°15	7°37	n.a.	T 6
W 7	12 19 16	6°16'32	3♒43	26°38	27°42	21°58	23°10	15°23	0°52	7°24	2°40	17°26	18°12	7°44	n.a.	W 7
T 8	12 23 12	7°14'13	15°59	26°13	28°52	22°34	23° 6	15°26	0°50	7°24	2°41	17°20	18° 9	7°51	n.a.	T 8
F 9	12 27 9	8°11'52	28° 5	25°50	0♓ 1	23°11	23° 3	15°29	0°47	7°25	2°42	17°12	18° 6	7°57	n.a.	F 9
S 10	12 31 5	9° 9'30	10♓ 4	25°32	1°11	23°48	23° 0	15°32	0°45	7°25	2°43	17° 2	18° 3	8° 4	n.a.	S 10
S 11	12 35 2	10° 7'07	21°59	25°18	2°21	24°25	22°56	15°34	0°43	7°25	2°44	16°50	17°59	8°11	n.a.	S 11
M12	12 38 59	11° 4'42	3♈51	25° 8	3°31	25° 2	22°52	15°37	0°41	7°26	2°45	16°37	17°56	8°17	n.a.	M12
T 13	12 42 55	12° 2'16	15°42	25° 2	4°41	25°39	22°48	15°39	0°38	7°26	2°46	16°25	17°53	8°24	n.a.	T 13
W14	12 46 52	12°59'49	27°34	25°D 1	5°52	26°15	22°44	15°41	0°36	7°27	2°47	16°15	17°50	8°31	n.a.	W14
T 15	12 50 48	13°57'20	9♉28	25° 5	7° 2	26°52	22°40	15°44	0°34	7°27	2°48	16° 7	17°47	8°38	n.a.	T 15
F 16	12 54 45	14°54'51	21°26	25°13	8°12	27°29	22°35	15°46	0°31	7°28	2°49	16° 2	17°44	8°44	n.a.	F 16
S 17	12 58 41	15°52'19	3♊31	25°25	9°22	28° 6	22°30	15°48	0°29	7°29	2°50	15°59	17°40	8°51	n.a.	S 17
S 18	13 2 38	16°49'47	15°47	25°42	10°33	28°43	22°26	15°50	0°27	7°29	2°51	15°D58	17°37	8°58	n.a.	S 18
M19	13 6 34	17°47'13	28°17	26° 4	11°43	29°20	22°21	15°52	0°24	7°30	2°53	15°59	17°34	9° 4	n.a.	M19
T 20	13 10 31	18°44'37	11♋ 4	26°30	12°54	29°57	22°16	15°53	0°22	7°31	2°54	15°59	17°31	9°11	n.a.	T 20
W21	13 14 28	19°42'00	24°15	27° 0	14° 4	0♊34	22°10	15°55	0°19	7°31	2°55	15°R59	17°28	9°18	n.a.	W21
T 22	13 18 24	20°39'22	7♌51	27°34	15°15	1°11	22° 5	15°57	0°17	7°32	2°56	15°58	17°24	9°25	n.a.	T 22
F 23	13 22 21	21°36'42	21°54	28°12	16°25	1°48	21°59	15°58	0°15	7°33	2°57	15°55	17°21	9°31	n.a.	F 23
S 24	13 26 17	22°34'01	6♍24	28°54	17°36	2°25	21°54	15°59	0°12	7°34	2°58	15°49	17°18	9°38	n.a.	S 24
S 25	13 30 14	23°31'19	21°18	29°39	18°47	3° 2	21°48	16° 1	0°10	7°35	3° 0	15°43	17°15	9°45	n.a.	S 25
M26	13 34 10	24°28'36	6♎27	0♈29	19°57	3°39	21°42	16° 2	0° 7	7°35	3° 1	15°35	17°12	9°51	n.a.	M26
T 27	13 38 7	25°25'51	21°43	1°22	21° 8	4°16	21°36	16° 3	0° 5	7°36	3° 2	15°28	17° 9	9°58	n.a.	T 27
W28	13 42 3	26°23'06	6♏55	2°19	22°19	4°53	21°30	16° 4	0° 2	7°37	3° 3	15°22	17° 5	10° 5	n.a.	W28
T 29	13 46 0	27°20'20	21°52	3°19	23°30	5°30	21°24	16° 5	29♎59	7°38	3° 5	15°18	17° 2	10°12	n.a.	T 29
F 30	13 49 57	28♈17'33	6♐26	4♈22	24♓41	6♊ 7	21♏17	16♋ 5	29♎57	7♋39	3♊ 6	15♐16	16♐59	10♈18	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n12	18s48	2s50	1n 2	1n 6	15s48	1s 3	18n36	1n 6	18s13	0n43	23s30	0s33	11s39	0n24	23n38	0n 2	19n16	1s46	23s14	23s19	7n19		n.a.
F 2	0 35	21 39	1 42	0 32	0 50	15 28	1 6	18 46	1 6	18 13	0 43	23 29	0 33	11 38	0 24	23 38	0 2	19 16	1 46	23 13	23 19	7 21		n.a.
S 3	0 59	23 4	0 30	0 2	0 33	15 8	1 9	18 57	1 6	18 12	0 43	23 29	0 33	11 38	0 24	23 38	0 2	19 17	1 46	23 13	23 18	7 24		n.a.
S 4	1 22	23 3	0n42	0s28	0 16	14 47	1 11	19 7	1 6	18 12	0 43	23 29	0 33	11 37	0 24	23 38	0 2	19 17	1 46	23 13	23 18	7 26		n.a.
M 5	1 45	21 44	1 49	0 57	0s 1	14 25	1 14	19 17	1 7	18 11	0 43	23 29	0 33	11 36	0 24	23 38	0 2	19 17	1 46	23 13	23 18	7 28		n.a.
T 6	2 9	19 20	2 49	1 26	0 17	14 3	1 16	19 27	1 7	18 10	0 43	23 28	0 33	11 35	0 24	23 38	0 2	19 17	1 46	23 13	23 17	7 31		n.a.
W 7	2 32	16 5	3 39	1 52	0 34	13 41	1 18	19 37	1 7	18 10	0 43	23 28	0 33	11 35	0 24	23 38	0 2	19 18	1 46	23 13	23 17	7 33		n.a.
T 8	2 55	12 11	4 18	2 17	0 50	13 19	1 21	19 47	1 7	18 9	0 43	23 28	0 34	11 34	0 24	23 38	0 2	19 18	1 46	23 12	23 17	7 36		n.a.
F 9	3 18	7 52	4 46	2 41	1 5	12 56	1 23	19 57	1 7	18 8	0 43	23 28	0 34	11 33	0 24	23 38	0 2	19 18	1 46	23 12	23 17	7 38		n.a.
S 10	3 41	3 18	5 0	3 2	1 20	12 33	1 25	20 7	1 8	18 7	0 43	23 28	0 34	11 32	0 24	23 38	0 2	19 19	1 46	23 10	23 16	7 41		n.a.
S 11	4 4	1n22	5 1	3 20	1 34	12 9	1 27	20 16	1 8	18 6	0 43	23 27	0 34	11 32	0 24	23 38	0 2	19 19	1 45	23 9	23 16	7 43		n.a.
M12	4 27	5 57	4 49	3 36	1 48	11 45	1 29	20 25	1 8	18 5	0 43	23 27	0 34	11 31	0 24	23 38	0 2	19 19	1 45	23 8	23 16	7 45		n.a.
T 13	4 50	10 19	4 24	3 50	2 0	11 21	1 31	20 35	1 8	18 4	0 43	23 27	0 34	11 30	0 24	23 38	0 2	19 19	1 45	23 7	23 15	7 48		n.a.
W14	5 13	14 18	3 48	4 1	2 12	10 56	1 32	20 44	1 8	18 3	0 43	23 27	0 34	11 29	0 24	23 38	0 2	19 20	1 45	23 6	23 15	7 50		n.a.
T 15	5 35	17 44	3 2	4 10	2 22	10 31	1 34	20 53	1 8	18 2	0 43	23 27	0 35	11 28	0 24	23 38	0 2	19 20	1 45	23 5	23 15	7 53		n.a.
F 16	5 58	20 27	2 7	4 15	2 32	10 6	1 36	21 1	1 9	18 1	0 43	23 27	0 35	11 27	0 24	23 38	0 2	19 20	1 45	23 4	23 15	7 55		n.a.
S 17	6 20	22 16	1 6	4 18	2 41	9 40	1 37	21 10	1 9	18 0	0 43	23 27	0 35	11 27	0 24	23 38	0 2	19 21	1 45	23 4	23 14	7 57		n.a.
S 18	6 43	23 4	0 1	4 18	2 49	9 15	1 38	21 19	1 9	17 59	0 43	23 27	0 35	11 26	0 24	23 38	0 2	19 21	1 45	23 4	23 14	8 0		n.a.
M19	7 5	22 43	1s 5	4 16	2 56	8 49	1 40	21 27	1 9	17 58	0 43	23 26	0 35	11 25	0 24	23 38	0 2	19 21	1 45	23 4	23 14	8 2		n.a.
T 20	7 27	21 11	2 10	4 11	3 2	8 22	1 41	21 35	1 9	17 56	0 43	23 26	0 35	11 24	0 24	23 38	0 2	19 22	1 45	23 4	23 13	8 5		n.a.
W21	7 49	18 29	3 10	4 4	3 7	7 56	1 42	21 43	1 9	17 55	0 43	23 26	0 35	11 23	0 24	23 38	0 2	19 22	1 45	23 4	23 13	8 7		n.a.
T 22	8 11	14 43	4 2	3 54	3 11	7 29	1 43	21 51	1 10	17 54	0 42	23 26	0 36	11 22	0 24	23 38	0 2	19 22	1 44	23 4	23 13	8 9		n.a.
F 23	8 33	10 1	4 40	3 41	3 14	7 2	1 44	21 59	1 10	17 52	0 42	23 26	0 36	11 22	0 24	23 38	0 2	19 22	1 44	23 4	23 12	8 12		n.a.
S 24	8 55	4 38	5 2	3 26	3 16	6 35	1 45	22 7	1 10	17 51	0 42	23 26	0 36	11 21	0 24	23 38	0 2	19 23	1 44	23 3	23 12	8 14		n.a.
S 25	9 16	1s 9	5 5	3 9	3 18	6 7	1 46	22 14	1 10	17 49	0 42	23 26	0 36	11 20	0 24	23 38	0 2	19 23	1 44	23 2	23 12	8 17		n.a.
M26	9 38	6 58	4 47	2 50	3 18	5 40	1 46	22 22	1 10	17 48	0 42	23 26	0 36	11 19	0 24	23 38	0 2	19 23	1 44	23 1	23 11	8 19		n.a.
T 27	9 59	12 25	4 8	2 28	3 18	5 12	1 47	22 29	1 10	17 46	0 42	23 26	0 36	11 18	0 24	23 38	0 2	19 24	1 44	23 1	23 11	8 21		n.a.
W28	10 20	17 3	3 11	2 4	3 17	4 44	1 47	22 36	1 10	17 45	0 42	23 26	0 36	11 17	0 24	23 38	0 2	19 24	1 44	23 0	23 11	8 24		n.a.
T 29	10 41	20 30	2 3	1 39	3 15	4 16	1 48	22 43	1 11	17 43	0 42	23 26	0 37	11 16	0 24	23 38	0 2	19 24	1 44	23 0	23 11	8 26		n.a.
F 30	11n 2	22s30	0s47	1s11	3s13	3s48	1s48	22n50	1n11	17s42	0n42	23s26	0s37	11s15	0n24	23n38	0n 2	19n25	1s44	22s59	23s10	8n29		n.a.

Julian Day Number = 1340922.5, Delta T = 07h15m50s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'25, Lahiri = -18°20'24 Julian Calendar 1 Apr. 1042 BCE == Greg. Calendar 22 March 1042 BCE

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

MAY 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 53 53	29♈14'46	20♐34	5♈29	25♓52	6♊44	21°R11	16♑ 6	29°R55	7♋40	3♊ 7	15°D16	16♐56	10♈25	n.a.	S 1
S 2	13 57 50	0♉11'58	4♑14	6°39	27° 3	7°21	21♏ 4	16° 7	29♎52	7°41	3° 9	15♐17	16°53	10°32	n.a.	S 2
M 3	14 1 46	1° 9'10	17°27	7°52	28°14	7°58	20°57	16° 7	29°50	7°42	3°10	15°18	16°49	10°38	n.a.	M 3
T 4	14 5 43	2° 6'21	0♒17	9° 8	29°25	8°35	20°51	16° 8	29°48	7°43	3°11	15°R19	16°46	10°45	n.a.	T 4
W 5	14 9 39	3° 3'32	12°47	10°27	0♈36	9°12	20°44	16° 8	29°45	7°45	3°13	15°18	16°43	10°52	n.a.	W 5
T 6	14 13 36	4° 0'42	25° 1	11°49	1°47	9°49	20°37	16° 8	29°43	7°46	3°14	15°16	16°40	10°58	n.a.	T 6
F 7	14 17 32	4°57'52	7♓ 4	13°15	2°58	10°27	20°30	16°R 8	29°40	7°47	3°15	15°12	16°37	11° 5	n.a.	F 7
S 8	14 21 29	5°55'02	19° 0	14°43	4°10	11° 4	20°23	16° 8	29°38	7°48	3°17	15° 7	16°34	11°12	n.a.	S 8
S 9	14 25 26	6°52'11	0♈51	16°14	5°21	11°41	20°15	16° 8	29°35	7°49	3°18	15° 0	16°30	11°19	n.a.	S 9
M10	14 29 22	7°49'20	12°42	17°48	6°32	12°18	20° 8	16° 8	29°33	7°51	3°20	14°53	16°27	11°25	n.a.	M10
T 11	14 33 19	8°46'29	24°35	19°25	7°44	12°55	20° 1	16° 7	29°30	7°52	3°21	14°47	16°24	11°32	n.a.	T 11
W12	14 37 15	9°43'37	6♉30	21° 5	8°55	13°32	19°53	16° 7	29°28	7°53	3°22	14°41	16°21	11°39	n.a.	W12
T 13	14 41 12	10°40'45	18°31	22°48	10° 7	14°10	19°46	16° 6	29°25	7°55	3°24	14°37	16°18	11°45	n.a.	T 13
F 14	14 45 8	11°37'52	0♊38	24°33	11°18	14°47	19°38	16° 6	29°23	7°56	3°25	14°35	16°15	11°52	n.a.	F 14
S 15	14 49 5	12°34'59	12°54	26°21	12°30	15°24	19°31	16° 5	29°21	7°58	3°27	14°D34	16°11	11°59	n.a.	S 15
S 16	14 53 1	13°32'06	25°21	28°12	13°41	16° 1	19°23	16° 4	29°18	7°59	3°28	14°34	16° 8	12° 6	n.a.	S 16
M17	14 56 58	14°29'12	8♋ 1	0♉ 6	14°53	16°39	19°16	16° 3	29°16	8° 0	3°30	14°35	16° 5	12°12	n.a.	M17
T 18	15 0 55	15°26'18	20°56	2° 2	16° 5	17°16	19° 8	16° 2	29°14	8° 2	3°31	14°37	16° 2	12°19	n.a.	T 18
W19	15 4 51	16°23'23	4♌10	4° 0	17°16	17°53	19° 0	16° 1	29°11	8° 3	3°33	14°38	15°59	12°26	n.a.	W19
T 20	15 8 48	17°20'28	17°45	6° 0	18°28	18°31	18°53	16° 0	29° 9	8° 5	3°34	14°R39	15°55	12°32	n.a.	T 20
F 21	15 12 44	18°17'32	1♍41	8° 3	19°40	19° 8	18°45	15°59	29° 7	8° 6	3°36	14°38	15°52	12°39	n.a.	F 21
S 22	15 16 41	19°14'36	15°58	10° 7	20°52	19°45	18°37	15°57	29° 4	8° 8	3°37	14°36	15°49	12°46	n.a.	S 22
S 23	15 20 37	20°11'40	0♎34	12°13	22° 3	20°23	18°30	15°56	29° 2	8°10	3°39	14°34	15°46	12°53	n.a.	S 23
M24	15 24 34	21° 8'43	15°25	14°21	23°15	21° 0	18°22	15°54	29° 0	8°11	3°40	14°31	15°43	12°59	n.a.	M24
T 25	15 28 30	22° 5'46	0♏23	16°29	24°27	21°37	18°14	15°53	28°58	8°13	3°42	14°28	15°40	13° 6	n.a.	T 25
W26	15 32 27	23° 2'49	15°20	18°39	25°39	22°15	18° 7	15°51	28°55	8°15	3°43	14°26	15°36	13°13	n.a.	W26
T 27	15 36 24	23°59'52	0♐ 7	20°48	26°51	22°52	17°59	15°49	28°53	8°16	3°45	14°24	15°33	13°19	n.a.	T 27
F 28	15 40 20	24°56'55	14°38	22°59	28° 3	23°29	17°52	15°47	28°51	8°18	3°46	14°D24	15°30	13°26	n.a.	F 28
S 29	15 44 17	25°53'59	28°46	25° 9	29°15	24° 7	17°44	15°45	28°49	8°20	3°48	14°24	15°27	13°33	n.a.	S 29
S 30	15 48 13	26°51'03	12♑30	27°19	0♉27	24°44	17°37	15°43	28°47	8°21	3°49	14°25	15°24	13°40	n.a.	S 30
M31	15 52 10	27♉48'07	25♑48	29♉28	1♉39	25♊22	17♏29	15♑41	28♎45	8♋23	3♊51	14♐26	15♐21	13♈46	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n23	23s 0	0n29	0s41	3s10	3s19	1s48	22n56	1n11	17s40	0n42	23s26	0s37	11s15	0n24	23n38	0n 2	19n25	1s44	22s59	23s10	8n31		n.a.
S 2	11 43	22 4	1 41	0 10	3 6	2 51	1 49	23 3	1 11	17 38	0 42	23 27	0 37	11 14	0 24	23 37	0 2	19 25	1 44	22 59	23 10	8 33		n.a.
M 3	12 4	19 56	2 45	0n24	3 1	2 22	1 49	23 9	1 11	17 37	0 42	23 27	0 37	11 13	0 24	23 37	0 2	19 26	1 44	23 0	23 9	8 36		n.a.
T 4	12 24	16 50	3 39	0 59	2 56	1 54	1 49	23 15	1 11	17 35	0 42	23 27	0 37	11 12	0 24	23 37	0 2	19 26	1 43	23 0	23 9	8 38		n.a.
W 5	12 44	13 4	4 21	1 36	2 50	1 25	1 49	23 21	1 11	17 33	0 41	23 27	0 38	11 11	0 24	23 37	0 2	19 26	1 43	23 0	23 9	8 40		n.a.
T 6	13 3	8 50	4 51	2 14	2 44	0 56	1 49	23 27	1 11	17 31	0 41	23 27	0 38	11 10	0 24	23 37	0 2	19 27	1 43	22 59	23 8	8 43		n.a.
F 7	13 23	4 19	5 7	2 54	2 37	0 27	1 48	23 33	1 11	17 30	0 41	23 27	0 38	11 9	0 24	23 37	0 2	19 27	1 43	22 59	23 8	8 45		n.a.
S 8	13 42	0n18	5 9	3 36	2 29	0n 2	1 48	23 38	1 12	17 28	0 41	23 27	0 38	11 8	0 24	23 37	0 2	19 27	1 43	22 58	23 8	8 47		n.a.
S 9	14 1	4 53	4 58	4 19	2 21	0 31	1 48	23 44	1 12	17 26	0 41	23 27	0 38	11 8	0 24	23 37	0 2	19 28	1 43	22 58	23 7	8 50		n.a.
M10	14 20	9 18	4 34	5 3	2 13	1 0	1 47	23 49	1 12	17 24	0 41	23 28	0 38	11 7	0 24	23 37	0 2	19 28	1 43	22 57	23 7	8 52		n.a.
T 11	14 39	13 21	3 59	5 49	2 4	1 29	1 47	23 54	1 12	17 22	0 41	23 28	0 38	11 6	0 24	23 37	0 2	19 29	1 43	22 56	23 7	8 54		n.a.
W12	14 57	16 55	3 13	6 35	1 54	1 58	1 46	23 58	1 12	17 20	0 41	23 28	0 39	11 5	0 24	23 37	0 2	19 29	1 43	22 55	23 6	8 57		n.a.
T 13	15 16	19 48	2 17	7 23	1 45	2 27	1 45	24 3	1 12	17 18	0 41	23 28	0 39	11 4	0 24	23 37	0 2	19 29	1 43	22 55	23 6	8 59		n.a.
F 14	15 34	21 50	1 15	8 12	1 34	2 56	1 45	24 8	1 12	17 16	0 40	23 28	0 39	11 3	0 24	23 37	0 2	19 30	1 43	22 55	23 6	9 1		n.a.
S 15	15 52	22 51	0 9	9 2	1 24	3 25	1 44	24 12	1 12	17 14	0 40	23 29	0 39	11 2	0 24	23 37	0 2	19 30	1 43	22 55	23 5	9 4		n.a.
S 16	16 9	22 45	0s59	9 52	1 13	3 54	1 43	24 16	1 12	17 12	0 40	23 29	0 39	11 2	0 24	23 37	0 2	19 30	1 43	22 55	23 5	9 6		n.a.
M17	16 26	21 30	2 5	10 43	1 2	4 23	1 42	24 20	1 12	17 11	0 40	23 29	0 39	11 1	0 24	23 37	0 2	19 31	1 42	22 55	23 5	9 8		n.a.
T 18	16 43	19 5	3 6	11 34	0 51	4 52	1 41	24 24	1 12	17 9	0 40	23 29	0 39	11 0	0 24	23 36	0 2	19 31	1 42	22 55	23 4	9 11		n.a.
W19	17 0	15 39	3 59	12 26	0 40	5 21	1 40	24 27	1 12	17 7	0 40	23 30	0 40	10 59	0 24	23 36	0 2	19 31	1 42	22 55	23 4	9 13		n.a.
T 20	17 17	11 19	4 40	13 17	0 29	5 50	1 39	24 31	1 12	17 5	0 40	23 30	0 40	10 58	0 24	23 36	0 2	19 32	1 42	22 55	23 4	9 15		n.a.
F 21	17 33	6 17	5 6	14 8	0 17	6 18	1 38	24 34	1 12	17 3	0 40	23 30	0 40	10 58	0 24	23 36	0 2	19 32	1 42	22 55	23 3	9 18		n.a.
S 22	17 49	0 49	5 14	14 59	0 6	6 47	1 36	24 37	1 12	17 1	0 39	23 31	0 40	10 57	0 24	23 36	0 2	19 32	1 42	22 55	23 3	9 20		n.a.
S 23	18 4	4s50	5 2	15 49	0n 5	7 15	1 35	24 40	1 13	16 59	0 39	23 31	0 40	10 56	0 24	23 36	0 2	19 33	1 42	22 55	23 3	9 22		n.a.
M24	18 20	10 18	4 30	16 39	0 15	7 44	1 34	24 43	1 13	16 57	0 39	23 31	0 40	10 55	0 24	23 36	0 2	19 33	1 42	22 54	23 2	9 24		n.a.
T 25	18 35	15 12	3 39	17 27	0 26	8 12	1 32	24 45	1 13	16 55	0 39	23 32	0 40	10 54	0 24	23 36	0 2	19 33	1 42	22 54	23 2	9 27		n.a.
W26	18 50	19 8	2 33	18 13	0 36	8 40	1 31	24 48	1 13	16 53	0 39	23 32	0 41	10 54	0 24	23 36	0 2	19 34	1 42	22 54	23 2	9 29		n.a.
T 27	19 4	21 46	1 18	18 58	0 46	9 8	1 29	24 50	1 13	16 51	0 39	23 32	0 41	10 53	0 24	23 36	0 2	19 34	1 42	22 53	23 1	9 31		n.a.
F 28	19 18	22 54	0n 1	19 41	0 55	9 35	1 27	24 52	1 13	16 49	0 38	23 33	0 41	10 52	0 24	23 36	0 2	19 35	1 42	22 53	23 1	9 34		n.a.
S 29	19 32	22 30	1 19	20 22	1 3	10 3	1 26	24 54	1 13	16 47	0 38	23 33	0 41	10 51	0 24	23 35	0 2	19 35	1 42	22 53	23 1	9 36		n.a.
S 30	19 46	20 45	2 29	21 1	1 11	10 30	1 24	24 55	1 13	16 45	0 38	23 34	0 41	10 51	0 24	23 35	0 2	19 35	1 42	22 54	23 0	9 38		n.a.
M31	19n59	17s54	3n29	21n38	1n19	10n57	1s22	24n57	1n13	16s43	0n38	23s34	0s41	10s50	0n24	23n35	0n 2	19n36	1s42	22s54	23s 0	9n40		n.a.

Julian Day Number = 1340952.5, Delta T = 07h15m49s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'21, Lahiri = -18°20'20 Julian Calendar 1 May 1042 BCE == Greg. Calendar 21 Apr. 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

JUNE 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 6	28♉45'11	8♒42	1♊36	2♉52	25♊59	17°R22	15°R39	28°R43	8♋25	3♊52	14♐27	15♐17	13♈53	n.a.	T 1
W 2	16 0 3	29°42'17	21°16	3°44	4° 4	26°37	17♏14	15♑36	28♎41	8°27	3°54	14°28	15°14	14° 0	n.a.	W 2
T 3	16 4 0	0♊39'22	3♓32	5°50	5°16	27°14	17° 7	15°34	28°39	8°29	3°56	14°R28	15°11	14° 6	n.a.	T 3
F 4	16 7 56	1°36'29	15°36	7°56	6°28	27°52	17° 0	15°31	28°37	8°31	3°57	14°28	15° 8	14°13	n.a.	F 4
S 5	16 11 53	2°33'35	27°32	9°59	7°41	28°29	16°53	15°29	28°35	8°32	3°59	14°27	15° 5	14°20	n.a.	S 5
S 6	16 15 49	3°30'43	9♈23	12° 2	8°53	29° 7	16°46	15°26	28°33	8°34	4° 0	14°26	15° 1	14°26	n.a.	S 6
M 7	16 19 46	4°27'51	21°15	14° 2	10° 6	29°44	16°38	15°23	28°31	8°36	4° 2	14°24	14°58	14°33	n.a.	M 7
T 8	16 23 42	5°25'00	3♉10	16° 1	11°18	0♋22	16°32	15°20	28°30	8°38	4° 3	14°23	14°55	14°40	n.a.	T 8
W 9	16 27 39	6°22'10	15°11	17°58	12°31	1° 0	16°25	15°17	28°28	8°40	4° 5	14°22	14°52	14°47	n.a.	W 9
T 10	16 31 35	7°19'20	27°21	19°54	13°43	1°37	16°18	15°14	28°26	8°42	4° 6	14°21	14°49	14°53	n.a.	T 10
F 11	16 35 32	8°16'31	9♊41	21°48	14°56	2°15	16°11	15°11	28°24	8°44	4° 8	14°D21	14°46	15° 0	n.a.	F 11
S 12	16 39 29	9°13'42	22°13	23°40	16° 8	2°53	16° 5	15° 8	28°23	8°46	4°10	14°21	14°42	15° 7	n.a.	S 12
S 13	16 43 25	10°10'54	4♋58	25°30	17°21	3°30	15°58	15° 5	28°21	8°48	4°11	14°21	14°39	15°13	n.a.	S 13
M14	16 47 22	11° 8'07	17°57	27°18	18°34	4° 8	15°52	15° 2	28°19	8°50	4°13	14°21	14°36	15°20	n.a.	M14
T 15	16 51 18	12° 5'20	1♌ 9	29° 5	19°46	4°46	15°46	14°58	28°18	8°52	4°14	14°22	14°33	15°27	n.a.	T 15
W16	16 55 15	13° 2'34	14°36	0♋50	20°59	5°23	15°40	14°55	28°16	8°54	4°16	14°22	14°30	15°34	n.a.	W16
T 17	16 59 11	13°59'48	28°18	2°33	22°12	6° 1	15°34	14°51	28°15	8°56	4°17	14°22	14°27	15°40	n.a.	T 17
F 18	17 3 8	14°57'03	12♍14	4°14	23°25	6°39	15°28	14°48	28°13	8°58	4°19	14°22	14°23	15°47	n.a.	F 18
S 19	17 7 5	15°54'18	26°23	5°54	24°38	7°17	15°22	14°44	28°12	9° 0	4°20	14°22	14°20	15°54	n.a.	S 19
S 20	17 11 1	16°51'34	10♎43	7°31	25°51	7°55	15°17	14°40	28°11	9° 2	4°22	14°22	14°17	16° 0	n.a.	S 20
M21	17 14 58	17°48'50	25°12	9° 7	27° 4	8°32	15°11	14°37	28° 9	9° 4	4°23	14°22	14°14	16° 7	n.a.	M21
T 22	17 18 54	18°46'07	9♏45	10°42	28°17	9°10	15° 6	14°33	28° 8	9° 6	4°25	14°23	14°11	16°14	n.a.	T 22
W23	17 22 51	19°43'25	24°17	12°14	29°30	9°48	15° 1	14°29	28° 7	9° 9	4°26	14°23	14° 7	16°20	n.a.	W23
T 24	17 26 47	20°40'44	8♐43	13°45	0♊43	10°26	14°56	14°25	28° 6	9°11	4°28	14°R23	14° 4	16°27	n.a.	T 24
F 25	17 30 44	21°38'03	22°57	15°13	1°56	11° 4	14°51	14°21	28° 5	9°13	4°29	14°23	14° 1	16°34	n.a.	F 25
S 26	17 34 40	22°35'24	6♑55	16°40	3° 9	11°42	14°46	14°17	28° 3	9°15	4°31	14°23	13°58	16°41	n.a.	S 26
S 27	17 38 37	23°32'46	20°32	18° 5	4°22	12°20	14°42	14°13	28° 2	9°17	4°32	14°22	13°55	16°47	n.a.	S 27
M28	17 42 34	24°30'09	3♒49	19°29	5°35	12°58	14°38	14° 9	28° 1	9°19	4°34	14°21	13°52	16°54	n.a.	M28
T 29	17 46 30	25°27'34	16°44	20°50	6°49	13°36	14°33	14° 5	28° 0	9°21	4°35	14°20	13°48	17° 1	n.a.	T 29
W30	17 50 27	26♊24'59	29♒19	22♋10	8♊ 2	14♋14	14♏29	14♑ 1	27♎59	9♋24	4♊37	14♐18	13♐45	17♈ 7	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n12	14s14	4n17	22n12	1n25	11n24	1s20	24n58	1n13	16s41	0n38	23s34	0s42	10s49	0n24	23n35	0n 2	19n36	1s41	22s54	23s 0	9n43		n.a.
W 2	20 24	10 3	4 51	22 43	1 31	11 51	1 18	24 59	1 13	16 39	0 38	23 35	0 42	10 48	0 24	23 35	0 2	19 36	1 41	22 54	22 59	9 45		n.a.
T 3	20 37	5 33	5 10	23 12	1 37	12 17	1 16	25 0	1 13	16 37	0 37	23 35	0 42	10 48	0 24	23 35	0 2	19 37	1 41	22 54	22 59	9 47		n.a.
F 4	20 49	0 55	5 16	23 38	1 41	12 43	1 14	25 1	1 13	16 35	0 37	23 36	0 42	10 47	0 24	23 35	0 2	19 37	1 41	22 54	22 58	9 50		n.a.
S 5	21 0	3n42	5 8	24 2	1 45	13 9	1 12	25 1	1 13	16 33	0 37	23 36	0 42	10 46	0 24	23 35	0 2	19 37	1 41	22 54	22 58	9 52		n.a.
S 6	21 11	8 9	4 47	24 23	1 48	13 35	1 10	25 2	1 13	16 31	0 37	23 37	0 42	10 46	0 24	23 35	0 2	19 38	1 41	22 54	22 58	9 54		n.a.
M 7	21 22	12 19	4 13	24 41	1 51	14 0	1 8	25 2	1 13	16 29	0 37	23 37	0 42	10 45	0 24	23 34	0 2	19 38	1 41	22 53	22 57	9 56		n.a.
T 8	21 33	16 1	3 29	24 57	1 53	14 25	1 6	25 2	1 13	16 28	0 36	23 37	0 43	10 44	0 24	23 34	0 2	19 38	1 41	22 53	22 57	9 59		n.a.
W 9	21 43	19 6	2 35	25 9	1 54	14 49	1 4	25 2	1 13	16 26	0 36	23 38	0 43	10 44	0 24	23 34	0 2	19 39	1 41	22 53	22 57	10 1		n.a.
T 10	21 53	21 23	1 33	25 20	1 55	15 14	1 2	25 1	1 13	16 24	0 36	23 38	0 43	10 43	0 24	23 34	0 2	19 39	1 41	22 53	22 56	10 3		n.a.
F 11	22 2	22 41	0 26	25 28	1 55	15 37	0 59	25 1	1 13	16 22	0 36	23 39	0 43	10 43	0 24	23 34	0 2	19 39	1 41	22 53	22 56	10 5		n.a.
S 12	22 11	22 52	0s44	25 34	1 54	16 1	0 57	25 0	1 13	16 21	0 36	23 39	0 43	10 42	0 23	23 34	0 2	19 40	1 41	22 53	22 56	10 8		n.a.
S 13	22 20	21 52	1 52	25 37	1 53	16 24	0 55	24 59	1 13	16 19	0 36	23 40	0 43	10 41	0 23	23 34	0 2	19 40	1 41	22 53	22 55	10 10		n.a.
M14	22 28	19 41	2 56	25 38	1 51	16 47	0 53	24 58	1 13	16 17	0 35	23 40	0 43	10 41	0 23	23 34	0 2	19 40	1 41	22 53	22 55	10 12		n.a.
T 15	22 36	16 27	3 51	25 37	1 48	17 9	0 50	24 57	1 13	16 16	0 35	23 41	0 43	10 40	0 23	23 33	0 3	19 41	1 41	22 53	22 54	10 14		n.a.
W16	22 43	12 19	4 36	25 34	1 46	17 31	0 48	24 55	1 13	16 14	0 35	23 42	0 44	10 40	0 23	23 33	0 3	19 41	1 41	22 53	22 54	10 16		n.a.
T 17	22 50	7 29	5 5	25 30	1 42	17 53	0 45	24 53	1 13	16 12	0 35	23 42	0 44	10 39	0 23	23 33	0 3	19 41	1 41	22 53	22 54	10 19		n.a.
F 18	22 57	2 12	5 17	25 23	1 38	18 14	0 43	24 51	1 13	16 11	0 34	23 43	0 44	10 39	0 23	23 33	0 3	19 42	1 40	22 53	22 53	10 21		n.a.
S 19	23 4	3s16	5 10	25 15	1 34	18 34	0 40	24 49	1 13	16 9	0 34	23 43	0 44	10 38	0 23	23 33	0 3	19 42	1 40	22 53	22 53	10 23		n.a.
S 20	23 9	8 39	4 44	25 5	1 29	18 54	0 38	24 47	1 13	16 8	0 34	23 44	0 44	10 38	0 23	23 33	0 3	19 42	1 40	22 53	22 53	10 25		n.a.
M21	23 15	13 37	4 0	24 53	1 23	19 14	0 36	24 45	1 13	16 7	0 34	23 44	0 44	10 37	0 23	23 33	0 3	19 43	1 40	22 53	22 52	10 28		n.a.
T 22	23 20	17 49	3 1	24 40	1 18	19 33	0 33	24 42	1 12	16 5	0 34	23 45	0 44	10 37	0 23	23 33	0 3	19 43	1 40	22 53	22 52	10 30		n.a.
W23	23 25	20 54	1 49	24 26	1 11	19 52	0 31	24 39	1 12	16 4	0 33	23 45	0 45	10 37	0 23	23 32	0 3	19 43	1 40	22 53	22 51	10 32		n.a.
T 24	23 29	22 37	0 31	24 10	1 5	20 10	0 28	24 36	1 12	16 3	0 33	23 46	0 45	10 36	0 23	23 32	0 3	19 44	1 40	22 53	22 51	10 34		n.a.
F 25	23 33	22 50	0n47	23 53	0 58	20 28	0 25	24 33	1 12	16 1	0 33	23 46	0 45	10 36	0 23	23 32	0 3	19 44	1 40	22 53	22 51	10 36		n.a.
S 26	23 36	21 37	2 2	23 36	0 50	20 45	0 23	24 30	1 12	16 0	0 33	23 47	0 45	10 35	0 23	23 32	0 3	19 44	1 40	22 53	22 50	10 39		n.a.
S 27	23 39	19 8	3 7	23 17	0 43	21 1	0 20	24 26	1 12	15 59	0 33	23 48	0 45	10 35	0 23	23 32	0 3	19 45	1 40	22 53	22 50	10 41		n.a.
M28	23 42	15 42	4 1	22 57	0 35	21 17	0 18	24 22	1 12	15 58	0 32	23 48	0 45	10 35	0 23	23 32	0 3	19 45	1 40	22 53	22 50	10 43		n.a.
T 29	23 44	11 37	4 41	22 37	0 26	21 32	0 15	24 18	1 12	15 57	0 32	23 49	0 45	10 34	0 23	23 32	0 3	19 45	1 40	22 53	22 49	10 45		n.a.
W30	23n46	7s 7	5n 6	22n15	0n18	21n47	0s13	24n14	1n12	15s56	0n32	23s49	0s45	10s34	0n23	23n31	0n 3	19n46	1s40	22s53	22s49	10n47		n.a.

Julian Day Number = 1340983.5, Delta T = 07h15m47s
Ecliptic obliquity = 23°49'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'17, Lahiri = -18°20'16 Julian Calendar 1 June 1042 BCE == Greg. Calendar 22 May 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

JULY 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 54 23	27♊22'27	11♓38	23♋27	9♊15	14♋52	14°R25	13°R56	27°R59	9♋26	4♊38	14°R17	13♐42	17♈14	n.a.	T 1
F 2	17 58 20	28°19'55	23°43	24°42	10°29	15°30	14♏22	13♉52	27♎58	9°28	4°40	14°D17	13°39	17°21	n.a.	F 2
S 3	18 2 16	29°17'25	5♈39	25°56	11°42	16° 8	14°18	13°48	27°57	9°30	4°41	14♐17	13°36	17°27	n.a.	S 3
S 4	18 6 13	0♋14'57	17°31	27° 7	12°55	16°46	14°15	13°44	27°56	9°32	4°42	14°17	13°33	17°34	n.a.	S 4
M 5	18 10 9	1°12'30	29°24	28°16	14° 9	17°24	14°12	13°39	27°56	9°35	4°44	14°18	13°29	17°41	n.a.	M 5
T 6	18 14 6	2°10'05	11♉21	29°22	15°23	18° 2	14° 9	13°35	27°55	9°37	4°45	14°20	13°26	17°48	n.a.	T 6
W 7	18 18 3	3° 7'42	23°27	0♌26	16°36	18°41	14° 6	13°30	27°54	9°39	4°47	14°21	13°23	17°54	n.a.	W 7
T 8	18 21 59	4° 5'20	5♊46	1°28	17°50	19°19	14° 3	13°26	27°54	9°41	4°48	14°22	13°20	18° 1	n.a.	T 8
F 9	18 25 56	5° 3'00	18°20	2°27	19° 3	19°57	14° 1	13°21	27°53	9°43	4°49	14°R22	13°17	18° 8	n.a.	F 9
S 10	18 29 52	6° 0'41	1♋ 9	3°23	20°17	20°35	13°58	13°17	27°53	9°46	4°51	14°22	13°13	18°14	n.a.	S 10
S 11	18 33 49	6°58'24	14°16	4°16	21°31	21°14	13°56	13°12	27°53	9°48	4°52	14°20	13°10	18°21	n.a.	S 11
M12	18 37 45	7°56'08	27°39	5° 6	22°45	21°52	13°54	13° 8	27°52	9°50	4°53	14°17	13° 7	18°28	n.a.	M12
T 13	18 41 42	8°53'54	11♌16	5°53	23°58	22°30	13°53	13° 3	27°52	9°52	4°55	14°13	13° 4	18°34	n.a.	T 13
W14	18 45 39	9°51'41	25° 6	6°36	25°12	23° 9	13°51	12°59	27°52	9°55	4°56	14°10	13° 1	18°41	n.a.	W14
T 15	18 49 35	10°49'29	9♍ 5	7°16	26°26	23°47	13°50	12°54	27°52	9°57	4°57	14° 6	12°58	18°48	n.a.	T 15
F 16	18 53 32	11°47'19	23°11	7°52	27°40	24°26	13°48	12°50	27°52	9°59	4°59	14° 4	12°54	18°55	n.a.	F 16
S 17	18 57 28	12°45'10	7♎21	8°23	28°54	25° 4	13°47	12°45	27°51	10° 1	5° 0	14°D 3	12°51	19° 1	n.a.	S 17
S 18	19 1 25	13°43'02	21°33	8°51	0♋ 8	25°42	13°47	12°41	27°D51	10° 3	5° 1	14° 3	12°48	19° 8	n.a.	S 18
M19	19 5 21	14°40'56	5♏45	9°13	1°22	26°21	13°46	12°36	27°51	10° 6	5° 3	14° 4	12°45	19°15	n.a.	M19
T 20	19 9 18	15°38'51	19°55	9°31	2°36	26°59	13°46	12°32	27°52	10° 8	5° 4	14° 6	12°42	19°21	n.a.	T 20
W21	19 13 14	16°36'48	4♐ 1	9°44	3°50	27°38	13°45	12°27	27°52	10°10	5° 5	14° 7	12°38	19°28	n.a.	W21
T 22	19 17 11	17°34'46	17°59	9°52	5° 4	28°16	13°D45	12°23	27°52	10°12	5° 6	14°R 7	12°35	19°35	n.a.	T 22
F 23	19 21 8	18°32'46	1♑48	9°R53	6°18	28°55	13°46	12°18	27°52	10°15	5° 7	14° 6	12°32	19°41	n.a.	F 23
S 24	19 25 4	19°30'48	15°26	9°49	7°33	29°34	13°46	12°14	27°52	10°17	5° 9	14° 3	12°29	19°48	n.a.	S 24
S 25	19 29 1	20°28'51	28°48	9°39	8°47	0♌12	13°46	12° 9	27°53	10°19	5°10	13°58	12°26	19°55	n.a.	S 25
M26	19 32 57	21°26'56	11♒55	9°23	10° 1	0°51	13°47	12° 5	27°53	10°21	5°11	13°53	12°23	20° 2	n.a.	M26
T 27	19 36 54	22°25'03	24°44	9° 0	11°15	1°30	13°48	12° 0	27°54	10°23	5°12	13°46	12°19	20° 8	n.a.	T 27
W28	19 40 50	23°23'12	7♓16	8°32	12°30	2° 8	13°49	11°56	27°54	10°26	5°13	13°39	12°16	20°15	n.a.	W28
T 29	19 44 47	24°21'23	19°33	7°57	13°44	2°47	13°50	11°51	27°55	10°28	5°14	13°34	12°13	20°22	n.a.	T 29
F 30	19 48 43	25°19'36	1♈38	7°16	14°58	3°26	13°52	11°47	27°55	10°30	5°15	13°29	12°10	20°28	n.a.	F 30
S 31	19 52 40	26♋17'52	13♈34	6♌30	16♋13	4♌ 5	13♏54	11♉43	27♎56	10♋32	5♊16	13♐26	12♐ 7	20♈35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	23n48	2s27	5n16	21n53	0n 9	22n 1	0s10	24n10	1n12	15s55	0n32	23s50	0s46	10s34	0n23	23n31	0n 3	19n46	1s40	22s53	22s48	10n49			n.a.
F 2	23 48	2n14	5 12	21 31	0s 1	22 15	0 8	24 5	1 12	15 54	0 31	23 50	0 46	10 34	0 23	23 31	0 3	19 46	1 40	22 53	22 48	10 52			n.a.
S 3	23 49	6 46	4 55	21 8	0 10	22 28	0 5	24 1	1 12	15 53	0 31	23 51	0 46	10 33	0 23	23 31	0 3	19 47	1 40	22 53	22 48	10 54			n.a.
S 4	23 49	11 3	4 25	20 45	0 20	22 40	0 2	23 56	1 12	15 52	0 31	23 51	0 46	10 33	0 23	23 31	0 3	19 47	1 40	22 53	22 47	10 56			n.a.
M 5	23 49	14 54	3 44	20 21	0 30	22 52	0n 0	23 51	1 12	15 52	0 31	23 52	0 46	10 33	0 23	23 31	0 3	19 47	1 40	22 53	22 47	10 58			n.a.
T 6	23 48	18 12	2 52	19 57	0 40	23 3	0 3	23 46	1 12	15 51	0 31	23 53	0 46	10 33	0 23	23 31	0 3	19 47	1 40	22 53	22 46	11 0			n.a.
W 7	23 47	20 45	1 53	19 33	0 51	23 13	0 5	23 40	1 11	15 50	0 30	23 53	0 46	10 32	0 23	23 30	0 3	19 48	1 40	22 53	22 46	11 2			n.a.
T 8	23 45	22 23	0 47	19 9	1 1	23 23	0 8	23 35	1 11	15 50	0 30	23 54	0 46	10 32	0 23	23 30	0 3	19 48	1 40	22 53	22 46	11 5			n.a.
F 9	23 43	22 56	0s22	18 46	1 12	23 32	0 10	23 29	1 11	15 49	0 30	23 54	0 46	10 32	0 23	23 30	0 3	19 48	1 40	22 53	22 45	11 7			n.a.
S 10	23 41	22 18	1 31	18 22	1 23	23 40	0 13	23 23	1 11	15 49	0 30	23 55	0 47	10 32	0 23	23 30	0 3	19 49	1 39	22 53	22 45	11 9			n.a.
S 11	23 38	20 26	2 37	17 59	1 34	23 47	0 15	23 17	1 11	15 48	0 29	23 55	0 47	10 32	0 23	23 30	0 3	19 49	1 39	22 53	22 44	11 11			n.a.
M12	23 35	17 26	3 36	17 36	1 45	23 54	0 17	23 11	1 11	15 48	0 29	23 56	0 47	10 32	0 23	23 30	0 3	19 49	1 39	22 53	22 44	11 13			n.a.
T 13	23 31	13 27	4 23	17 13	1 56	24 1	0 20	23 4	1 11	15 48	0 29	23 57	0 47	10 32	0 23	23 29	0 3	19 50	1 39	22 52	22 44	11 15			n.a.
W14	23 27	8 43	4 56	16 52	2 7	24 6	0 22	22 58	1 11	15 47	0 29	23 57	0 47	10 32	0 23	23 29	0 3	19 50	1 39	22 52	22 43	11 17			n.a.
T 15	23 22	3 29	5 12	16 31	2 19	24 11	0 25	22 51	1 11	15 47	0 29	23 58	0 47	10 32	0 23	23 29	0 3	19 50	1 39	22 51	22 43	11 20			n.a.
F 16	23 17	1s59	5 9	16 11	2 30	24 15	0 27	22 44	1 11	15 47	0 28	23 58	0 47	10 32	0 23	23 29	0 3	19 50	1 39	22 51	22 42	11 22			n.a.
S 17	23 12	7 21	4 48	15 52	2 41	24 18	0 29	22 37	1 10	15 47	0 28	23 59	0 47	10 32	0 23	23 29	0 3	19 51	1 39	22 51	22 42	11 24			n.a.
S 18	23 6	12 22	4 9	15 34	2 52	24 21	0 32	22 29	1 10	15 47	0 28	23 59	0 47	10 32	0 23	23 29	0 3	19 51	1 39	22 51	22 42	11 26			n.a.
M19	23 0	16 42	3 15	15 18	3 3	24 22	0 34	22 22	1 10	15 47	0 28	24 0	0 47	10 32	0 23	23 29	0 3	19 51	1 39	22 51	22 41	11 28			n.a.
T 20	22 53	20 3	2 9	15 3	3 13	24 23	0 36	22 14	1 10	15 47	0 28	24 0	0 47	10 32	0 22	23 28	0 3	19 51	1 39	22 51	22 41	11 30			n.a.
W21	22 46	22 11	0 55	14 50	3 23	24 24	0 38	22 6	1 10	15 47	0 27	24 1	0 48	10 32	0 22	23 28	0 3	19 52	1 39	22 51	22 40	11 32			n.a.
T 22	22 39	22 55	0n21	14 39	3 33	24 23	0 40	21 58	1 10	15 47	0 27	24 1	0 48	10 32	0 22	23 28	0 3	19 52	1 39	22 51	22 40	11 34			n.a.
F 23	22 31	22 13	1 35	14 29	3 42	24 22	0 42	21 50	1 10	15 48	0 27	24 2	0 48	10 32	0 22	23 28	0 3	19 52	1 39	22 51	22 39	11 36			n.a.
S 24	22 22	20 13	2 42	14 22	3 50	24 20	0 44	21 42	1 10	15 48	0 27	24 2	0 48	10 32	0 22	23 28	0 3	19 52	1 39	22 51	22 39	11 39			n.a.
S 25	22 14	17 9	3 39	14 18	3 58	24 18	0 47	21 33	1 9	15 48	0 26	24 3	0 48	10 32	0 22	23 28	0 3	19 53	1 39	22 50	22 39	11 41			n.a.
M26	22 5	13 17	4 23	14 15	4 5	24 14	0 48	21 25	1 9	15 49	0 26	24 3	0 48	10 32	0 22	23 27	0 3	19 53	1 39	22 50	22 38	11 43			n.a.
T 27	21 55	8 53	4 53	14 16	4 11	24 10	0 50	21 16	1 9	15 49	0 26	24 4	0 48	10 33	0 22	23 27	0 3	19 53	1 39	22 49	22 38	11 45			n.a.
W28	21 45	4 13	5 8	14 19	4 15	24 5	0 52	21 7	1 9	15 50	0 26	24 4	0 48	10 33	0 22	23 27	0 3	19 53	1 39	22 48	22 37	11 47			n.a.
T 29	21 35	0n31	5 8	14 25	4 18	24 0	0 54	20 58	1 9	15 50	0 26	24 5	0 48	10 33	0 22	23 27	0 3	19 54	1 39	22 47	22 37	11 49			n.a.
F 30	21 25	5 9	4 54	14 34	4 20	23 53	0 56	20 48	1 9	15 51	0 25	24 5	0 48	10 33	0 22	23 27	0 3	19 54	1 39	22 47	22 37	11 51			n.a.
S 31	21n14	9n32	4n28	14n45	4s20	23n46	0n58	20n39	1n 9	15s52	0n25	24s 6	0s48	10s34	0n22	23n27	0n 3	19n54	1s39	22s46	22s36	11n53			n.a.

Julian Day Number = 1341013.5, Delta T = 07h15m46s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'13, Lahiri = -18°20'12 Julian Calendar 1 July 1042 BCE == Greg. Calendar 21 June 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

AUGUST 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 56 36	27♋16'09	25♈25	5°R39	17♋27	4♌44	13♏55	11°R38	27♎57	10♋34	5♊17	13°D25	12♐ 4	20♈42	n.a.	S 1
M 2	20 0 33	28°14'29	7♉17	4♌45	18°42	5°22	13°57	11♑34	27°57	10°36	5°18	13♐26	12° 0	20°48	n.a.	M 2
T 3	20 4 30	29°12'51	19°14	3°47	19°56	6° 1	14° 0	11°30	27°58	10°38	5°19	13°27	11°57	20°55	n.a.	T 3
W 4	20 8 26	0♌11'15	1♊22	2°47	21°11	6°40	14° 2	11°26	27°59	10°41	5°20	13°28	11°54	21° 2	n.a.	W 4
T 5	20 12 23	1° 9'42	13°46	1°46	22°25	7°19	14° 5	11°22	28° 0	10°43	5°21	13°R29	11°51	21° 8	n.a.	T 5
F 6	20 16 19	2° 8'11	26°28	0°46	23°40	7°58	14° 7	11°17	28° 1	10°45	5°22	13°28	11°48	21°15	n.a.	F 6
S 7	20 20 16	3° 6'42	9♋31	29♋48	24°55	8°37	14°10	11°13	28° 2	10°47	5°23	13°25	11°44	21°22	n.a.	S 7
S 8	20 24 12	4° 5'15	22°57	28°53	26° 9	9°16	14°13	11° 9	28° 3	10°49	5°24	13°20	11°41	21°29	n.a.	S 8
M 9	20 28 9	5° 3'50	6♌44	28° 3	27°24	9°55	14°17	11° 5	28° 4	10°51	5°25	13°13	11°38	21°35	n.a.	M 9
T 10	20 32 5	6° 2'27	20°49	27°19	28°39	10°35	14°20	11° 2	28° 5	10°53	5°26	13° 5	11°35	21°42	n.a.	T 10
W11	20 36 2	7° 1'06	5♍ 6	26°43	29°54	11°14	14°24	10°58	28° 7	10°55	5°27	12°56	11°32	21°49	n.a.	W11
T 12	20 39 59	7°59'48	19°31	26°14	1♌ 8	11°53	14°28	10°54	28° 8	10°57	5°28	12°48	11°29	21°55	n.a.	T 12
F 13	20 43 55	8°58'30	3♎57	25°54	2°23	12°32	14°32	10°50	28° 9	10°59	5°28	12°42	11°25	22° 2	n.a.	F 13
S 14	20 47 52	9°57'15	18°20	25°44	3°38	13°11	14°36	10°46	28°10	11° 1	5°29	12°37	11°22	22° 9	n.a.	S 14
S 15	20 51 48	10°56'02	2♏35	25°D43	4°53	13°51	14°40	10°43	28°12	11° 3	5°30	12°35	11°19	22°15	n.a.	S 15
M16	20 55 45	11°54'51	16°41	25°52	6° 8	14°30	14°45	10°39	28°13	11° 5	5°31	12°D35	11°16	22°22	n.a.	M16
T 17	20 59 41	12°53'41	0♐36	26°10	7°23	15° 9	14°50	10°36	28°15	11° 7	5°32	12°36	11°13	22°29	n.a.	T 17
W18	21 3 38	13°52'33	14°21	26°38	8°37	15°49	14°54	10°32	28°16	11° 9	5°32	12°R36	11°10	22°35	n.a.	W18
T 19	21 7 34	14°51'28	27°56	27°16	9°52	16°28	15° 0	10°29	28°18	11°11	5°33	12°35	11° 6	22°42	n.a.	T 19
F 20	21 11 31	15°50'24	11♑20	28° 2	11° 7	17° 8	15° 5	10°26	28°20	11°13	5°34	12°32	11° 3	22°49	n.a.	F 20
S 21	21 15 27	16°49'22	24°34	28°56	12°22	17°47	15°10	10°23	28°21	11°15	5°34	12°26	11° 0	22°56	n.a.	S 21
S 22	21 19 24	17°48'22	7♒36	29°57	13°37	18°26	15°16	10°19	28°23	11°17	5°35	12°17	10°57	23° 2	n.a.	S 22
M23	21 23 21	18°47'24	20°25	1♌ 6	14°52	19° 6	15°21	10°16	28°25	11°19	5°35	12° 6	10°54	23° 9	n.a.	M23
T 24	21 27 17	19°46'29	3♓ 2	2°21	16° 7	19°46	15°27	10°13	28°27	11°21	5°36	11°54	10°50	23°16	n.a.	T 24
W25	21 31 14	20°45'35	15°26	3°41	17°22	20°25	15°33	10°11	28°29	11°22	5°37	11°42	10°47	23°22	n.a.	W25
T 26	21 35 10	21°44'44	27°38	5° 6	18°38	21° 5	15°39	10° 8	28°31	11°24	5°37	11°31	10°44	23°29	n.a.	T 26
F 27	21 39 7	22°43'55	9♈39	6°35	19°53	21°44	15°46	10° 5	28°33	11°26	5°38	11°21	10°41	23°36	n.a.	F 27
S 28	21 43 3	23°43'09	21°33	8° 8	21° 8	22°24	15°52	10° 2	28°35	11°28	5°38	11°14	10°38	23°42	n.a.	S 28
S 29	21 47 0	24°42'25	3♉22	9°44	22°23	23° 4	15°59	10° 0	28°37	11°29	5°39	11°10	10°35	23°49	n.a.	S 29
M30	21 50 56	25°41'43	15°12	11°22	23°38	23°44	16° 6	9°57	28°39	11°31	5°39	11° 8	10°31	23°56	n.a.	M30
T 31	21 54 53	26♌41'04	27♉ 7	13♌ 2	24♌53	24♌23	16♏13	9♑55	28♎41	11♋33	5♊39	11°D 7	10♐28	24♈ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	21n 2	13n33	3n51	15n 0	4s18	23n39	1n 0	20n29	1n 8	15s52	0n25	24s 6	0s48	10s34	0n22	23n26	0n 3	19n54	1s39	22s46	22s36	11n55			n.a.
M 2	20 50	17 2	3 3	15 17	4 14	23 30	1 1	20 20	1 8	15 53	0 25	24 7	0 48	10 34	0 22	23 26	0 3	19 54	1 39	22 46	22 35	11 57			n.a.
T 3	20 38	19 51	2 7	15 36	4 8	23 21	1 3	20 10	1 8	15 54	0 24	24 7	0 49	10 35	0 22	23 26	0 3	19 55	1 39	22 46	22 35	11 59			n.a.
W 4	20 26	21 49	1 5	15 57	4 0	23 11	1 4	20 0	1 8	15 55	0 24	24 7	0 49	10 35	0 22	23 26	0 3	19 55	1 39	22 47	22 34	12 1			n.a.
T 5	20 13	22 47	0s 1	16 20	3 50	23 0	1 6	19 49	1 8	15 56	0 24	24 8	0 49	10 35	0 22	23 26	0 3	19 55	1 39	22 47	22 34	12 3			n.a.
F 6	20 0	22 37	1 9	16 45	3 39	22 49	1 7	19 39	1 8	15 57	0 24	24 8	0 49	10 36	0 22	23 26	0 3	19 55	1 39	22 47	22 33	12 6			n.a.
S 7	19 46	21 13	2 16	17 11	3 25	22 37	1 9	19 28	1 7	15 58	0 24	24 9	0 49	10 36	0 22	23 26	0 3	19 55	1 39	22 46	22 33	12 8			n.a.
S 8	19 32	18 37	3 16	17 37	3 10	22 24	1 10	19 18	1 7	15 59	0 23	24 9	0 49	10 36	0 22	23 25	0 3	19 56	1 39	22 46	22 33	12 10			n.a.
M 9	19 18	14 55	4 6	18 3	2 54	22 11	1 11	19 7	1 7	16 0	0 23	24 9	0 49	10 37	0 22	23 25	0 3	19 56	1 39	22 45	22 32	12 12			n.a.
T 10	19 4	10 19	4 43	18 29	2 36	21 56	1 13	18 56	1 7	16 2	0 23	24 10	0 49	10 37	0 22	23 25	0 3	19 56	1 39	22 44	22 32	12 14			n.a.
W11	18 49	5 6	5 3	18 54	2 18	21 42	1 14	18 45	1 7	16 3	0 23	24 10	0 49	10 38	0 22	23 25	0 3	19 56	1 38	22 43	22 31	12 16			n.a.
T 12	18 33	0s26	5 3	19 18	1 59	21 26	1 15	18 34	1 6	16 4	0 23	24 11	0 49	10 38	0 22	23 25	0 3	19 56	1 38	22 42	22 31	12 18			n.a.
F 13	18 18	5 56	4 45	19 40	1 40	21 10	1 16	18 22	1 6	16 6	0 22	24 11	0 49	10 39	0 22	23 25	0 3	19 56	1 38	22 41	22 30	12 20			n.a.
S 14	18 2	11 7	4 9	20 1	1 21	20 54	1 17	18 11	1 6	16 7	0 22	24 11	0 49	10 39	0 22	23 24	0 3	19 57	1 38	22 40	22 30	12 22			n.a.
S 15	17 46	15 38	3 17	20 20	1 2	20 36	1 18	17 59	1 6	16 9	0 22	24 12	0 49	10 40	0 22	23 24	0 3	19 57	1 38	22 40	22 30	12 24			n.a.
M16	17 29	19 13	2 14	20 36	0 43	20 19	1 19	17 47	1 6	16 10	0 22	24 12	0 49	10 40	0 22	23 24	0 3	19 57	1 38	22 40	22 29	12 26			n.a.
T 17	17 13	21 38	1 4	20 50	0 26	20 0	1 20	17 35	1 5	16 12	0 22	24 12	0 49	10 41	0 22	23 24	0 3	19 57	1 38	22 40	22 29	12 28			n.a.
W18	16 55	22 44	0n 9	21 1	0 9	19 41	1 20	17 23	1 5	16 13	0 21	24 13	0 49	10 41	0 22	23 24	0 3	19 57	1 38	22 40	22 28	12 30			n.a.
T 19	16 38	22 27	1 21	21 9	0n 7	19 21	1 21	17 11	1 5	16 15	0 21	24 13	0 49	10 42	0 22	23 24	0 3	19 57	1 38	22 40	22 28	12 32			n.a.
F 20	16 20	20 53	2 27	21 15	0 22	19 1	1 22	16 59	1 5	16 17	0 21	24 13	0 49	10 43	0 22	23 23	0 3	19 58	1 38	22 39	22 27	12 34			n.a.
S 21	16 2	18 12	3 24	21 17	0 36	18 40	1 22	16 46	1 5	16 19	0 21	24 14	0 49	10 43	0 22	23 23	0 3	19 58	1 38	22 39	22 27	12 36			n.a.
S 22	15 44	14 39	4 9	21 16	0 49	18 19	1 23	16 33	1 4	16 20	0 21	24 14	0 49	10 44	0 22	23 23	0 3	19 58	1 38	22 37	22 26	12 38			n.a.
M23	15 26	10 28	4 41	21 13	1 0	17 57	1 23	16 21	1 4	16 22	0 21	24 14	0 49	10 45	0 22	23 23	0 3	19 58	1 38	22 36	22 26	12 40			n.a.
T 24	15 7	5 55	4 58	21 6	1 11	17 35	1 24	16 8	1 4	16 24	0 20	24 14	0 49	10 45	0 21	23 23	0 3	19 58	1 38	22 34	22 25	12 42			n.a.
W25	14 48	1 12	5 1	20 56	1 20	17 12	1 24	15 55	1 4	16 26	0 20	24 15	0 50	10 46	0 21	23 23	0 3	19 58	1 38	22 33	22 25	12 44			n.a.
T 26	14 29	3n28	4 50	20 42	1 28	16 49	1 24	15 42	1 3	16 28	0 20	24 15	0 50	10 47	0 21	23 23	0 3	19 58	1 38	22 31	22 25	12 46			n.a.
F 27	14 9	7 57	4 26	20 27	1 34	16 25	1 24	15 29	1 3	16 30	0 20	24 15	0 50	10 48	0 21	23 22	0 3	19 58	1 38	22 30	22 24	12 48			n.a.
S 28	13 50	12 5	3 51	20 8	1 40	16 1	1 25	15 15	1 3	16 32	0 20	24 15	0 50	10 48	0 21	23 22	0 3	19 59	1 38	22 29	22 24	12 50			n.a.
S 29	13 30	15 44	3 6	19 47	1 45	15 36	1 25	15 2	1 3	16 34	0 19	24 16	0 50	10 49	0 21	23 22	0 3	19 59	1 38	22 28	22 23	12 52			n.a.
M30	13 9	18 46	2 13	19 23	1 49	15 11	1 25	14 48	1 2	16 37	0 19	24 16	0 50	10 50	0 21	23 22	0 3	19 59	1 38	22 28	22 23	12 54			n.a.
T 31	12n49	21n 1	1n14	18n57	1n51	14n45	1n25	14n35	1n 2	16s39	0n19	24s16	0s50	10s51	0n21	23n22	0n 3	19n59	1s38	22s28	22s22	12n56			n.a.

Julian Day Number = 1341044.5, Delta T = 07h15m44s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'08, Lahiri = -18°20'08 Julian Calendar 1 Aug. 1042 BCE == Greg. Calendar 22 July 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

SEPTEMBER 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 58 50	27♌40'27	9♊13	14♌44	26♌ 8	25♌ 3	16♏20	9°R53	28♎43	11♋35	5♊40	11°R 7	10♐25	24♈ 9	n.a.	W 1
T 2	22 2 46	28°39'53	21°35	16°27	27°24	25°43	16°27	9♑50	28°45	11°36	5°40	11♐ 7	10°22	24°16	n.a.	T 2
F 3	22 6 43	29°39'22	4♋19	18°11	28°39	26°23	16°34	9°48	28°48	11°38	5°40	11° 5	10°19	24°22	n.a.	F 3
S 4	22 10 39	0♍38'53	17°27	19°56	29°54	27° 3	16°42	9°46	28°50	11°39	5°41	11° 1	10°16	24°29	n.a.	S 4
S 5	22 14 36	1°38'26	1♌ 3	21°41	1♍ 9	27°43	16°50	9°44	28°52	11°41	5°41	10°54	10°12	24°36	n.a.	S 5
M 6	22 18 32	2°38'01	15° 5	23°26	2°25	28°23	16°57	9°42	28°55	11°43	5°41	10°44	10° 9	24°43	n.a.	M 6
T 7	22 22 29	3°37'39	29°31	25°11	3°40	29° 3	17° 5	9°41	28°57	11°44	5°42	10°33	10° 6	24°49	n.a.	T 7
W 8	22 26 25	4°37'19	14♍14	26°56	4°55	29°43	17°13	9°39	29° 0	11°46	5°42	10°21	10° 3	24°56	n.a.	W 8
T 9	22 30 22	5°37'00	29° 6	28°41	6°11	0♍23	17°22	9°37	29° 2	11°47	5°42	10°10	10° 0	25° 3	n.a.	T 9
F 10	22 34 18	6°36'44	13♎57	0♍25	7°26	1° 3	17°30	9°36	29° 5	11°49	5°42	10° 0	9°56	25° 9	n.a.	F 10
S 11	22 38 15	7°36'30	28°41	2° 9	8°41	1°44	17°39	9°35	29° 7	11°50	5°42	9°54	9°53	25°16	n.a.	S 11
S 12	22 42 12	8°36'18	13♏11	3°53	9°56	2°24	17°47	9°33	29°10	11°51	5°42	9°50	9°50	25°23	n.a.	S 12
M13	22 46 8	9°36'08	27°23	5°36	11°12	3° 4	17°56	9°32	29°13	11°53	5°43	9°49	9°47	25°29	n.a.	M13
T 14	22 50 5	10°35'59	11♐17	7°19	12°27	3°44	18° 5	9°31	29°15	11°54	5°43	9°49	9°44	25°36	n.a.	T 14
W15	22 54 1	11°35'52	24°53	9° 1	13°43	4°25	18°14	9°30	29°18	11°55	5°43	9°48	9°41	25°43	n.a.	W15
T 16	22 57 58	12°35'47	8♑13	10°43	14°58	5° 5	18°23	9°29	29°21	11°57	5°R43	9°47	9°37	25°49	n.a.	T 16
F 17	23 1 54	13°35'44	21°19	12°24	16°13	5°45	18°32	9°28	29°24	11°58	5°43	9°43	9°34	25°56	n.a.	F 17
S 18	23 5 51	14°35'43	4♒12	14° 4	17°29	6°26	18°42	9°28	29°27	11°59	5°43	9°36	9°31	26° 3	n.a.	S 18
S 19	23 9 47	15°35'43	16°54	15°44	18°44	7° 6	18°51	9°27	29°29	12° 0	5°43	9°26	9°28	26° 9	n.a.	S 19
M20	23 13 44	16°35'46	29°26	17°23	19°59	7°47	19° 1	9°27	29°32	12° 2	5°43	9°13	9°25	26°16	n.a.	M20
T 21	23 17 40	17°35'50	11♓48	19° 2	21°15	8°27	19°10	9°26	29°35	12° 3	5°42	8°59	9°21	26°23	n.a.	T 21
W22	23 21 37	18°35'56	24° 0	20°41	22°30	9° 8	19°20	9°26	29°38	12° 4	5°42	8°45	9°18	26°29	n.a.	W22
T 23	23 25 34	19°36'04	6♈ 4	22°18	23°45	9°49	19°30	9°26	29°41	12° 5	5°42	8°32	9°15	26°36	n.a.	T 23
F 24	23 29 30	20°36'15	18° 0	23°56	25° 1	10°29	19°40	9°D26	29°44	12° 6	5°42	8°20	9°12	26°43	n.a.	F 24
S 25	23 33 27	21°36'27	29°51	25°32	26°16	11°10	19°50	9°26	29°47	12° 7	5°42	8°12	9° 9	26°50	n.a.	S 25
S 26	23 37 23	22°36'41	11♉38	27° 9	27°32	11°51	20° 1	9°26	29°51	12° 8	5°42	8° 6	9° 6	26°56	n.a.	S 26
M27	23 41 20	23°36'58	23°26	28°44	28°47	12°32	20°11	9°27	29°54	12° 9	5°41	8° 3	9° 2	27° 3	n.a.	M27
T 28	23 45 16	24°37'17	5♊20	0♎20	0♎ 2	13°12	20°22	9°27	29°57	12°10	5°41	8°D 2	8°59	27°10	n.a.	T 28
W29	23 49 13	25°37'38	17°23	1°55	1°18	13°53	20°32	9°27	0♏ 0	12°11	5°41	8° 2	8°56	27°16	n.a.	W29
T 30	23 53 9	26♍38'01	29♊41	3♎29	2♎33	14♍34	20♏43	9♑28	0♏ 3	12♋12	5♊40	8°R 2	8♐53	27♈23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n28	22n21	0n10	18n28	1n53	14n19	1n24	14n21	1n 2	16s41	0n19	24s16	0s50	10s51	0n21	23n22	0n 3	19n59	1s38	22s28	22s22	12n58		n.a.
T 2	12 7	22 38	0s55	17 58	1 55	13 53	1 24	14 7	1 2	16 43	0 19	24 16	0 50	10 52	0 21	23 22	0 4	19 59	1 38	22 28	22 21	13 0		n.a.
F 3	11 46	21 45	2 0	17 26	1 55	13 26	1 24	13 53	1 1	16 46	0 19	24 17	0 50	10 53	0 21	23 22	0 4	19 59	1 38	22 28	22 21	13 2		n.a.
S 4	11 25	19 41	3 0	16 53	1 55	12 59	1 24	13 39	1 1	16 48	0 18	24 17	0 50	10 54	0 21	23 21	0 4	19 59	1 38	22 27	22 20	13 3		n.a.
S 5	11 4	16 29	3 52	16 17	1 54	12 32	1 23	13 24	1 1	16 50	0 18	24 17	0 50	10 55	0 21	23 21	0 4	19 59	1 38	22 26	22 20	13 5		n.a.
M 6	10 42	12 15	4 31	15 41	1 52	12 4	1 23	13 10	1 1	16 53	0 18	24 17	0 50	10 56	0 21	23 21	0 4	19 59	1 38	22 25	22 19	13 7		n.a.
T 7	10 20	7 13	4 55	15 3	1 50	11 36	1 22	12 56	1 0	16 55	0 18	24 17	0 50	10 57	0 21	23 21	0 4	19 59	1 38	22 23	22 19	13 9		n.a.
W 8	9 58	1 42	5 0	14 24	1 47	11 7	1 22	12 41	1 0	16 58	0 18	24 17	0 50	10 58	0 21	23 21	0 4	19 59	1 38	22 21	22 19	13 11		n.a.
T 9	9 36	3s58	4 44	13 45	1 44	10 38	1 21	12 26	1 0	17 0	0 17	24 17	0 50	10 59	0 21	23 21	0 4	19 59	1 38	22 20	22 18	13 13		n.a.
F 10	9 13	9 25	4 10	13 4	1 41	10 9	1 20	12 12	1 0	17 3	0 17	24 18	0 50	10 59	0 21	23 21	0 4	20 0	1 38	22 18	22 18	13 15		n.a.
S 11	8 51	14 16	3 19	12 23	1 37	9 40	1 19	11 57	0 59	17 5	0 17	24 18	0 50	11 0	0 21	23 21	0 4	20 0	1 38	22 17	22 17	13 17		n.a.
S 12	8 28	18 12	2 16	11 41	1 33	9 10	1 19	11 42	0 59	17 8	0 17	24 18	0 50	11 1	0 21	23 20	0 4	20 0	1 38	22 17	22 17	13 19		n.a.
M13	8 5	20 57	1 5	10 58	1 28	8 40	1 18	11 27	0 59	17 11	0 17	24 18	0 50	11 2	0 21	23 20	0 4	20 0	1 38	22 16	22 16	13 21		n.a.
T 14	7 43	22 22	0n 8	10 15	1 24	8 10	1 17	11 12	0 58	17 13	0 17	24 18	0 50	11 3	0 21	23 20	0 4	20 0	1 38	22 16	22 16	13 23		n.a.
W15	7 19	22 24	1 19	9 32	1 19	7 40	1 16	10 57	0 58	17 16	0 16	24 18	0 50	11 4	0 21	23 20	0 4	20 0	1 38	22 16	22 15	13 25		n.a.
T 16	6 56	21 10	2 24	8 48	1 13	7 10	1 15	10 41	0 58	17 19	0 16	24 18	0 50	11 5	0 21	23 20	0 4	20 0	1 38	22 16	22 15	13 27		n.a.
F 17	6 33	18 48	3 20	8 4	1 8	6 39	1 14	10 26	0 57	17 21	0 16	24 18	0 50	11 6	0 21	23 20	0 4	20 0	1 38	22 16	22 14	13 28		n.a.
S 18	6 9	15 32	4 5	7 19	1 2	6 8	1 12	10 11	0 57	17 24	0 16	24 18	0 50	11 7	0 21	23 20	0 4	20 0	1 38	22 14	22 14	13 30		n.a.
S 19	5 46	11 37	4 38	6 35	0 56	5 37	1 11	9 55	0 57	17 27	0 16	24 18	0 50	11 9	0 21	23 20	0 4	20 0	1 38	22 13	22 13	13 32		n.a.
M20	5 22	7 14	4 56	5 50	0 50	5 6	1 10	9 39	0 57	17 30	0 16	24 18	0 50	11 10	0 21	23 20	0 4	20 0	1 38	22 11	22 13	13 34		n.a.
T 21	4 59	2 38	5 0	5 5	0 44	4 34	1 9	9 24	0 56	17 33	0 16	24 18	0 50	11 11	0 21	23 20	0 4	20 0	1 38	22 9	22 12	13 36		n.a.
W22	4 35	2n 0	4 50	4 20	0 38	4 3	1 7	9 8	0 56	17 36	0 15	24 18	0 50	11 12	0 21	23 19	0 4	20 0	1 38	22 7	22 12	13 38		n.a.
T 23	4 11	6 31	4 27	3 35	0 32	3 31	1 6	8 52	0 56	17 38	0 15	24 18	0 50	11 13	0 21	23 19	0 4	20 0	1 38	22 4	22 11	13 40		n.a.
F 24	3 47	10 44	3 52	2 50	0 25	2 59	1 4	8 36	0 55	17 41	0 15	24 18	0 50	11 14	0 21	23 19	0 4	20 0	1 38	22 3	22 11	13 42		n.a.
S 25	3 23	14 31	3 8	2 5	0 19	2 28	1 3	8 20	0 55	17 44	0 15	24 18	0 50	11 15	0 21	23 19	0 4	20 0	1 38	22 1	22 10	13 44		n.a.
S 26	2 59	17 42	2 15	1 21	0 13	1 56	1 1	8 4	0 55	17 47	0 15	24 18	0 50	11 16	0 21	23 19	0 4	20 0	1 37	22 0	22 10	13 45		n.a.
M27	2 34	20 10	1 17	0 36	0 6	1 24	0 59	7 48	0 54	17 50	0 15	24 18	0 50	11 17	0 21	23 19	0 4	20 0	1 37	22 0	22 9	13 47		n.a.
T 28	2 10	21 46	0 14	0s 9	0s 1	0 52	0 58	7 32	0 54	17 53	0 14	24 18	0 50	11 18	0 21	23 19	0 4	20 0	1 37	22 0	22 9	13 49		n.a.
W29	1 46	22 23	0s50	0 53	0 7	0 20	0 56	7 15	0 53	17 56	0 14	24 18	0 50	11 20	0 21	23 19	0 4	20 0	1 37	22 0	22 8	13 51		n.a.
T 30	1n22	21n57	1s53	1s37	0s14	0s12	0n54	6n59	0n53	17s59	0n14	24s18	0s50	11s21	0n21	23n19	0n 4	20n 0	1s37	22s 0	22s 8	13n53		n.a.

Julian Day Number = 1341075.5, Delta T = 07h15m42s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'04, Lahiri = -18°20'04 Julian Calendar 1 Sept. 1042 BCE == Greg. Calendar 22 Aug. 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

OCTOBER 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 57 6	27♍38'26	12♋21	5♎ 4	3♎49	15♍15	20♏54	9♑29	0♏ 6	12♋13	5°R40	8°R 1	8♐50	27♈30	n.a.	F 1
S 2	0 1 3	28°38'53	25°25	6°37	5° 4	15°56	21° 5	9°30	0°10	12°14	5♊40	7♐58	8°47	27°36	n.a.	S 2
S 3	0 4 59	29°39'23	8♌59	8°11	6°19	16°37	21°16	9°30	0°13	12°14	5°39	7°53	8°43	27°43	n.a.	S 3
M 4	0 8 56	0♎39'54	23° 3	9°44	7°35	17°18	21°27	9°31	0°16	12°15	5°39	7°45	8°40	27°50	n.a.	M 4
T 5	0 12 52	1°40'27	7♍34	11°17	8°50	17°59	21°38	9°33	0°20	12°16	5°38	7°35	8°37	27°56	n.a.	T 5
W 6	0 16 49	2°41'02	22°29	12°49	10° 6	18°40	21°49	9°34	0°23	12°16	5°38	7°25	8°34	28° 3	n.a.	W 6
T 7	0 20 45	3°41'39	7♎38	14°21	11°21	19°21	22° 0	9°35	0°26	12°17	5°38	7°15	8°31	28°10	n.a.	T 7
F 8	0 24 42	4°42'18	22°50	15°53	12°37	20° 3	22°12	9°36	0°30	12°18	5°37	7° 7	8°27	28°16	n.a.	F 8
S 9	0 28 38	5°42'58	7♏55	17°24	13°52	20°44	22°23	9°38	0°33	12°18	5°37	7° 1	8°24	28°23	n.a.	S 9
S 10	0 32 35	6°43'39	22°45	18°56	15° 7	21°25	22°35	9°40	0°37	12°19	5°36	6°58	8°21	28°30	n.a.	S 10
M11	0 36 31	7°44'22	7♐14	20°26	16°23	22° 6	22°47	9°41	0°40	12°19	5°35	6°D57	8°18	28°36	n.a.	M11
T 12	0 40 28	8°45'06	21°18	21°57	17°38	22°48	22°59	9°43	0°44	12°20	5°35	6°58	8°15	28°43	n.a.	T 12
W13	0 44 25	9°45'52	4♑59	23°27	18°54	23°29	23°10	9°45	0°47	12°20	5°34	6°R58	8°12	28°50	n.a.	W13
T 14	0 48 21	10°46'38	18°17	24°57	20° 9	24°11	23°22	9°47	0°51	12°21	5°34	6°58	8° 8	28°56	n.a.	T 14
F 15	0 52 18	11°47'26	1♒15	26°27	21°24	24°52	23°34	9°49	0°54	12°21	5°33	6°56	8° 5	29° 3	n.a.	F 15
S 16	0 56 14	12°48'15	13°57	27°56	22°40	25°34	23°47	9°52	0°58	12°21	5°32	6°52	8° 2	29°10	n.a.	S 16
S 17	1 0 11	13°49'05	26°25	29°24	23°55	26°15	23°59	9°54	1° 1	12°22	5°32	6°45	7°59	29°16	n.a.	S 17
M18	1 4 7	14°49'57	8♓43	0♏53	25°10	26°57	24°11	9°56	1° 5	12°22	5°31	6°36	7°56	29°23	n.a.	M18
T 19	1 8 4	15°50'49	20°51	2°20	26°26	27°38	24°23	9°59	1° 8	12°22	5°30	6°26	7°53	29°30	n.a.	T 19
W20	1 12 0	16°51'43	2♈53	3°48	27°41	28°20	24°36	10° 2	1°12	12°22	5°29	6°16	7°49	29°36	n.a.	W20
T 21	1 15 57	17°52'37	14°49	5°14	28°56	29° 2	24°48	10° 4	1°16	12°23	5°29	6° 7	7°46	29°43	n.a.	T 21
F 22	1 19 54	18°53'34	26°40	6°40	0♏12	29°43	25° 1	10° 7	1°19	12°23	5°28	5°59	7°43	29°50	n.a.	F 22
S 23	1 23 50	19°54'31	8♉29	8° 5	1°27	0♎25	25°13	10°10	1°23	12°23	5°27	5°53	7°40	29°56	n.a.	S 23
S 24	1 27 47	20°55'30	20°18	9°29	2°42	1° 7	25°26	10°13	1°27	12°23	5°26	5°49	7°37	0♉ 3	n.a.	S 24
M25	1 31 43	21°56'30	2♊ 8	10°52	3°58	1°49	25°39	10°16	1°30	12°23	5°25	5°D47	7°33	0°10	n.a.	M25
T 26	1 35 40	22°57'31	14° 4	12°14	5°13	2°31	25°51	10°19	1°34	12°R23	5°24	5°48	7°30	0°17	n.a.	T 26
W27	1 39 36	23°58'34	26° 8	13°34	6°28	3°13	26° 4	10°23	1°37	12°23	5°23	5°49	7°27	0°23	n.a.	W27
T 28	1 43 33	24°59'38	8♋26	14°53	7°44	3°55	26°17	10°26	1°41	12°23	5°23	5°51	7°24	0°30	n.a.	T 28
F 29	1 47 29	26° 0'43	21° 2	16°10	8°59	4°37	26°30	10°30	1°45	12°23	5°22	5°R52	7°21	0°37	n.a.	F 29
S 30	1 51 26	27° 1'49	4♌ 1	17°25	10°14	5°19	26°43	10°33	1°48	12°23	5°21	5°52	7°18	0°43	n.a.	S 30
S 31	1 55 23	28♎ 2'57	17♌25	18♏37	11♏29	6♎ 1	26♏56	10♑37	1♏52	12♋22	5♊20	5♐50	7♐14	0♉50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n57	20n23	2s52	2s21	0s20	0s44	0n52	6n43	0n53	18s 2	0n14	24s18	0s50	11s22	0n21	23n19	0n 4	20n 0	1s37	22s 0	22s 7	13n55		n.a.
S 2	0 33	17 43	3 44	3 5	0 27	1 16	0 50	6 26	0 52	18 5	0 14	24 18	0 50	11 23	0 21	23 19	0 4	20 0	1 37	21 59	22 7	13 56		n.a.
S 3	0 8	14 1	4 26	3 48	0 33	1 49	0 48	6 10	0 52	18 8	0 14	24 18	0 50	11 24	0 21	23 19	0 4	20 0	1 37	21 58	22 6	13 58		n.a.
M 4	0s16	9 26	4 53	4 31	0 40	2 21	0 47	5 53	0 52	18 11	0 14	24 18	0 50	11 26	0 21	23 19	0 4	19 59	1 37	21 57	22 6	14 0		n.a.
T 5	0 41	4 11	5 3	5 14	0 46	2 53	0 45	5 36	0 51	18 15	0 13	24 18	0 50	11 27	0 21	23 19	0 4	19 59	1 37	21 55	22 5	14 2		n.a.
W 6	1 5	1s27	4 53	5 57	0 53	3 25	0 43	5 20	0 51	18 18	0 13	24 18	0 50	11 28	0 21	23 18	0 4	19 59	1 37	21 54	22 5	14 4		n.a.
T 7	1 29	7 4	4 22	6 39	0 59	3 56	0 40	5 3	0 51	18 21	0 13	24 18	0 50	11 29	0 21	23 18	0 4	19 59	1 37	21 52	22 4	14 6		n.a.
F 8	1 54	12 18	3 33	7 21	1 5	4 28	0 38	4 46	0 50	18 24	0 13	24 18	0 50	11 30	0 21	23 18	0 4	19 59	1 37	21 50	22 4	14 7		n.a.
S 9	2 18	16 42	2 29	8 2	1 11	5 0	0 36	4 29	0 50	18 27	0 13	24 17	0 50	11 32	0 21	23 18	0 4	19 59	1 37	21 50	22 3	14 9		n.a.
S 10	2 43	19 58	1 15	8 43	1 17	5 32	0 34	4 13	0 49	18 30	0 13	24 17	0 50	11 33	0 21	23 18	0 4	19 59	1 37	21 49	22 3	14 11		n.a.
M11	3 7	21 50	0n 2	9 23	1 23	6 3	0 32	3 56	0 49	18 33	0 13	24 17	0 50	11 34	0 20	23 18	0 4	19 59	1 37	21 49	22 2	14 13		n.a.
T 12	3 31	22 16	1 16	10 3	1 29	6 34	0 30	3 39	0 49	18 37	0 12	24 17	0 50	11 35	0 20	23 18	0 4	19 59	1 37	21 49	22 2	14 15		n.a.
W13	3 56	21 19	2 24	10 42	1 34	7 6	0 27	3 22	0 48	18 40	0 12	24 17	0 50	11 37	0 20	23 18	0 4	19 59	1 37	21 49	22 1	14 16		n.a.
T 14	4 20	19 12	3 23	11 21	1 39	7 37	0 25	3 5	0 48	18 43	0 12	24 17	0 50	11 38	0 20	23 18	0 4	19 59	1 37	21 49	22 1	14 18		n.a.
F 15	4 44	16 9	4 9	11 59	1 45	8 7	0 23	2 48	0 47	18 46	0 12	24 17	0 50	11 39	0 20	23 18	0 4	19 59	1 37	21 49	22 0	14 20		n.a.
S 16	5 8	12 24	4 42	12 36	1 50	8 38	0 21	2 30	0 47	18 49	0 12	24 16	0 50	11 40	0 20	23 18	0 4	19 59	1 37	21 48	22 0	14 22		n.a.
S 17	5 32	8 11	5 1	13 13	1 54	9 8	0 18	2 13	0 47	18 52	0 12	24 16	0 50	11 42	0 20	23 18	0 4	19 58	1 37	21 47	21 59	14 24		n.a.
M18	5 56	3 43	5 6	13 49	1 59	9 39	0 16	1 56	0 46	18 56	0 12	24 16	0 50	11 43	0 20	23 18	0 4	19 58	1 37	21 45	21 59	14 25		n.a.
T 19	6 20	0n51	4 57	14 24	2 3	10 9	0 13	1 39	0 46	18 59	0 12	24 16	0 50	11 44	0 20	23 18	0 4	19 58	1 37	21 44	21 58	14 27		n.a.
W20	6 44	5 21	4 34	14 58	2 7	10 39	0 11	1 22	0 45	19 2	0 11	24 16	0 50	11 45	0 20	23 18	0 4	19 58	1 37	21 42	21 58	14 29		n.a.
T 21	7 7	9 36	4 0	15 31	2 11	11 8	0 9	1 5	0 45	19 5	0 11	24 15	0 50	11 47	0 20	23 18	0 4	19 58	1 37	21 40	21 57	14 31		n.a.
F 22	7 31	13 28	3 15	16 3	2 14	11 37	0 6	0 47	0 44	19 8	0 11	24 15	0 50	11 48	0 20	23 18	0 4	19 58	1 37	21 39	21 57	14 33		n.a.
S 23	7 54	16 48	2 22	16 35	2 17	12 6	0 4	0 30	0 44	19 12	0 11	24 15	0 50	11 49	0 20	23 18	0 4	19 58	1 37	21 38	21 56	14 34		n.a.
S 24	8 18	19 26	1 23	17 5	2 19	12 35	0 1	0 13	0 43	19 15	0 11	24 15	0 50	11 51	0 20	23 18	0 4	19 58	1 37	21 37	21 56	14 36		n.a.
M25	8 41	21 14	0 20	17 33	2 22	13 3	0s 1	0s 5	0 43	19 18	0 11	24 15	0 50	11 52	0 20	23 18	0 4	19 58	1 37	21 37	21 55	14 38		n.a.
T 26	9 4	22 6	0s45	18 1	2 23	13 31	0 3	0 22	0 43	19 21	0 11	24 14	0 50	11 53	0 20	23 18	0 4	19 57	1 37	21 37	21 54	14 40		n.a.
W27	9 27	21 57	1 48	18 27	2 24	13 59	0 6	0 39	0 42	19 24	0 10	24 14	0 50	11 55	0 20	23 18	0 4	19 57	1 37	21 37	21 54	14 41		n.a.
T 28	9 49	20 45	2 48	18 52	2 25	14 26	0 8	0 57	0 42	19 28	0 10	24 14	0 50	11 56	0 20	23 18	0 4	19 57	1 37	21 37	21 53	14 43		n.a.
F 29	10 12	18 30	3 41	19 15	2 25	14 53	0 11	1 14	0 41	19 31	0 10	24 13	0 50	11 57	0 20	23 18	0 4	19 57	1 37	21 37	21 53	14 45		n.a.
S 30	10 35	15 16	4 25	19 36	2 24	15 20	0 13	1 31	0 41	19 34	0 10	24 13	0 50	11 58	0 20	23 18	0 4	19 57	1 37	21 37	21 52	14 46		n.a.
S 31	10s57	11n10	4s56	19s55	2s23	15s46	0s16	1s49	0n40	19s37	0n10	24s13	0s50	12s 0	0n20	23n18	0n 4	19n57	1s36	21s37	21s52	14n48		n.a.

Julian Day Number = 1341105.5, Delta T = 07h15m41s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°27'00, Lahiri = -18°20'00 Julian Calendar 1 Oct. 1042 BCE == Greg. Calendar 21 Sept. 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

NOVEMBER 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 59 19	29♎ 4'06	1♍19	19♏46	12♏45	6♎43	27♏ 9	10♑40	1♏56	12°R22	5°R19	5°R47	7♐11	0♉57	n.a.	M 1
T 2	2 3 16	0♏ 5'16	15°40	20°52	14° 0	7°25	27°23	10°44	2° 0	12♋22	5♊18	5♐42	7° 8	1° 3	n.a.	T 2
W 3	2 7 12	1° 6'27	0♎28	21°54	15°15	8° 7	27°36	10°48	2° 3	12°22	5°17	5°36	7° 5	1°10	n.a.	W 3
T 4	2 11 9	2° 7'39	15°34	22°51	16°30	8°50	27°49	10°52	2° 7	12°21	5°16	5°31	7° 2	1°17	n.a.	T 4
F 5	2 15 5	3° 8'51	0♏50	23°44	17°46	9°32	28° 2	10°56	2°11	12°21	5°15	5°27	6°58	1°23	n.a.	F 5
S 6	2 19 2	4°10'05	16° 6	24°30	19° 1	10°14	28°16	11° 1	2°14	12°21	5°14	5°24	6°55	1°30	n.a.	S 6
S 7	2 22 59	5°11'19	1♐10	25°10	20°16	10°57	28°29	11° 5	2°18	12°20	5°13	5°D23	6°52	1°37	n.a.	S 7
M 8	2 26 55	6°12'34	15°55	25°43	21°31	11°39	28°43	11° 9	2°22	12°20	5°11	5°23	6°49	1°43	n.a.	M 8
T 9	2 30 52	7°13'49	0♑16	26° 7	22°47	12°21	28°56	11°14	2°25	12°19	5°10	5°24	6°46	1°50	n.a.	T 9
W10	2 34 48	8°15'05	14° 9	26°22	24° 2	13° 4	29°10	11°18	2°29	12°19	5° 9	5°26	6°43	1°57	n.a.	W10
T 11	2 38 45	9°16'21	27°36	26°R27	25°17	13°46	29°23	11°23	2°33	12°18	5° 8	5°27	6°39	2° 3	n.a.	T 11
F 12	2 42 41	10°17'36	10♒38	26°21	26°32	14°29	29°37	11°27	2°36	12°18	5° 7	5°R28	6°36	2°10	n.a.	F 12
S 13	2 46 38	11°18'52	23°19	26° 3	27°47	15°12	29°50	11°32	2°40	12°17	5° 6	5°27	6°33	2°17	n.a.	S 13
S 14	2 50 34	12°20'08	5♓42	25°34	29° 2	15°54	0♐ 4	11°37	2°44	12°16	5° 5	5°25	6°30	2°23	n.a.	S 14
M15	2 54 31	13°21'24	17°53	24°54	0♐18	16°37	0°18	11°42	2°47	12°16	5° 4	5°23	6°27	2°30	n.a.	M15
T 16	2 58 28	14°22'41	29°53	24° 2	1°33	17°19	0°31	11°47	2°51	12°15	5° 2	5°19	6°24	2°37	n.a.	T 16
W17	3 2 24	15°23'57	11♈47	23° 0	2°48	18° 2	0°45	11°52	2°55	12°14	5° 1	5°16	6°20	2°43	n.a.	W17
T 18	3 6 21	16°25'13	23°37	21°49	4° 3	18°45	0°59	11°57	2°58	12°14	5° 0	5°12	6°17	2°50	n.a.	T 18
F 19	3 10 17	17°26'30	5♉26	20°32	5°18	19°28	1°13	12° 2	3° 2	12°13	4°59	5°10	6°14	2°57	n.a.	F 19
S 20	3 14 14	18°27'46	17°16	19°11	6°33	20°11	1°27	12° 7	3° 5	12°12	4°58	5° 8	6°11	3° 3	n.a.	S 20
S 21	3 18 10	19°29'03	29° 9	17°49	7°48	20°54	1°40	12°13	3° 9	12°11	4°56	5° 7	6° 8	3°10	n.a.	S 21
M22	3 22 7	20°30'20	11♊ 7	16°29	9° 3	21°36	1°54	12°18	3°13	12°10	4°55	5°D 7	6° 4	3°17	n.a.	M22
T 23	3 26 3	21°31'37	23°11	15°12	10°18	22°19	2° 8	12°24	3°16	12° 9	4°54	5° 8	6° 1	3°23	n.a.	T 23
W24	3 30 0	22°32'54	5♋25	14° 2	11°33	23° 2	2°22	12°29	3°20	12° 8	4°53	5° 9	5°58	3°30	n.a.	W24
T 25	3 33 57	23°34'12	17°51	13° 0	12°48	23°45	2°36	12°35	3°23	12° 7	4°52	5°10	5°55	3°37	n.a.	T 25
F 26	3 37 53	24°35'29	0♌31	12° 7	14° 3	24°29	2°50	12°40	3°27	12° 6	4°50	5°11	5°52	3°43	n.a.	F 26
S 27	3 41 50	25°36'47	13°30	11°24	15°18	25°12	3° 4	12°46	3°30	12° 5	4°49	5°12	5°49	3°50	n.a.	S 27
S 28	3 45 46	26°38'04	26°49	10°51	16°33	25°55	3°18	12°52	3°34	12° 4	4°48	5°R12	5°45	3°57	n.a.	S 28
M29	3 49 43	27°39'22	10♍31	10°28	17°48	26°38	3°32	12°58	3°37	12° 3	4°46	5°12	5°42	4° 3	n.a.	M29
T 30	3 53 39	28♏40'40	24♍37	10♏16	19♐ 3	27♎21	3♐46	13♑ 4	3♏41	12♋ 2	4♊45	5♐11	5♐39	4♉10	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s19	6n21	5s11	20s12	2s21	16s12	0s18	2s 6	0n40	19s40	0n10	24s13	0s50	12s 1	0n20	23n18	0n 4	19n57	1s36	21s37	21s51	14n50		n.a.
T 2	11 41	1 2	5 7	20 28	2 18	16 37	0 21	2 23	0 39	19 44	0 10	24 12	0 50	12 2	0 20	23 18	0 4	19 57	1 36	21 36	21 51	14 52		n.a.
W 3	12 3	4s30	4 43	20 41	2 14	17 2	0 23	2 41	0 39	19 47	0 10	24 12	0 50	12 4	0 20	23 18	0 4	19 56	1 36	21 35	21 50	14 53		n.a.
T 4	12 24	9 53	3 59	20 51	2 9	17 26	0 25	2 58	0 38	19 50	0 10	24 12	0 50	12 5	0 20	23 18	0 4	19 56	1 36	21 34	21 50	14 55		n.a.
F 5	12 45	14 43	2 58	20 59	2 3	17 50	0 28	3 15	0 38	19 53	0 9	24 11	0 50	12 6	0 20	23 18	0 4	19 56	1 36	21 33	21 49	14 57		n.a.
S 6	13 7	18 34	1 44	21 4	1 56	18 14	0 30	3 33	0 37	19 56	0 9	24 11	0 50	12 8	0 20	23 19	0 4	19 56	1 36	21 33	21 49	14 58		n.a.
S 7	13 27	21 6	0 23	21 5	1 47	18 37	0 33	3 50	0 37	19 59	0 9	24 11	0 50	12 9	0 20	23 19	0 4	19 56	1 36	21 32	21 48	15 0		n.a.
M 8	13 48	22 6	0n58	21 4	1 37	18 59	0 35	4 7	0 36	20 2	0 9	24 10	0 50	12 10	0 20	23 19	0 5	19 56	1 36	21 32	21 47	15 2		n.a.
T 9	14 9	21 37	2 13	20 59	1 26	19 21	0 37	4 25	0 36	20 6	0 9	24 10	0 50	12 11	0 20	23 19	0 5	19 56	1 36	21 33	21 47	15 4		n.a.
W10	14 29	19 47	3 17	20 50	1 14	19 43	0 40	4 42	0 35	20 9	0 9	24 9	0 50	12 13	0 20	23 19	0 5	19 55	1 36	21 33	21 46	15 5		n.a.
T 11	14 49	16 54	4 9	20 38	1 0	20 4	0 42	4 59	0 35	20 12	0 9	24 9	0 50	12 14	0 20	23 19	0 5	19 55	1 36	21 33	21 46	15 7		n.a.
F 12	15 8	13 16	4 46	20 22	0 44	20 24	0 44	5 16	0 34	20 15	0 9	24 9	0 50	12 15	0 20	23 19	0 5	19 55	1 36	21 33	21 45	15 9		n.a.
S 13	15 28	9 7	5 8	20 1	0 28	20 44	0 46	5 34	0 34	20 18	0 8	24 8	0 50	12 17	0 20	23 19	0 5	19 55	1 36	21 33	21 45	15 10		n.a.
S 14	15 47	4 41	5 15	19 37	0 9	21 3	0 49	5 51	0 33	20 21	0 8	24 8	0 50	12 18	0 20	23 19	0 5	19 55	1 36	21 33	21 44	15 12		n.a.
M15	16 6	0 10	5 7	19 8	0n10	21 22	0 51	6 8	0 33	20 24	0 8	24 7	0 50	12 19	0 20	23 19	0 5	19 55	1 36	21 32	21 44	15 14		n.a.
T 16	16 24	4n19	4 47	18 36	0 30	21 40	0 53	6 25	0 32	20 27	0 8	24 7	0 50	12 20	0 20	23 19	0 5	19 54	1 36	21 32	21 43	15 15		n.a.
W17	16 43	8 36	4 14	18 1	0 50	21 57	0 55	6 42	0 31	20 30	0 8	24 6	0 50	12 22	0 20	23 19	0 5	19 54	1 36	21 31	21 43	15 17		n.a.
T 18	17 1	12 33	3 30	17 23	1 10	22 14	0 57	6 59	0 31	20 33	0 8	24 6	0 50	12 23	0 20	23 19	0 5	19 54	1 36	21 30	21 42	15 19		n.a.
F 19	17 18	16 0	2 37	16 43	1 30	22 30	0 59	7 16	0 30	20 36	0 8	24 5	0 50	12 24	0 20	23 19	0 5	19 54	1 36	21 30	21 41	15 20		n.a.
S 20	17 36	18 49	1 37	16 3	1 49	22 45	1 1	7 33	0 30	20 39	0 8	24 5	0 50	12 25	0 20	23 20	0 5	19 54	1 36	21 30	21 41	15 22		n.a.
S 21	17 53	20 49	0 33	15 24	2 6	23 0	1 3	7 50	0 29	20 42	0 8	24 5	0 50	12 27	0 20	23 20	0 5	19 54	1 36	21 29	21 40	15 24		n.a.
M22	18 9	21 55	0s33	14 46	2 21	23 14	1 5	8 7	0 29	20 45	0 7	24 4	0 50	12 28	0 20	23 20	0 5	19 53	1 36	21 29	21 40	15 25		n.a.
T 23	18 26	22 0	1 39	14 11	2 35	23 27	1 7	8 24	0 28	20 48	0 7	24 4	0 50	12 29	0 20	23 20	0 5	19 53	1 35	21 30	21 39	15 27		n.a.
W24	18 42	21 2	2 40	13 40	2 46	23 40	1 9	8 40	0 27	20 51	0 7	24 3	0 50	12 30	0 20	23 20	0 5	19 53	1 35	21 30	21 39	15 28		n.a.
T 25	18 58	19 3	3 36	13 13	2 55	23 52	1 11	8 57	0 27	20 54	0 7	24 3	0 50	12 32	0 20	23 20	0 5	19 53	1 35	21 30	21 38	15 30		n.a.
F 26	19 13	16 6	4 22	12 51	3 1	24 3	1 13	9 14	0 26	20 57	0 7	24 2	0 50	12 33	0 20	23 20	0 5	19 53	1 35	21 30	21 37	15 32		n.a.
S 27	19 28	12 19	4 55	12 33	3 5	24 13	1 14	9 30	0 26	20 59	0 7	24 1	0 50	12 34	0 20	23 20	0 5	19 53	1 35	21 30	21 37	15 33		n.a.
S 28	19 43	7 51	5 14	12 21	3 8	24 23	1 16	9 47	0 25	21 2	0 7	24 1	0 50	12 35	0 20	23 20	0 5	19 52	1 35	21 30	21 36	15 35		n.a.
M29	19 57	2 52	5 16	12 13	3 8	24 32	1 18	10 3	0 24	21 5	0 7	24 0	0 50	12 36	0 20	23 20	0 5	19 52	1 35	21 30	21 36	15 37		n.a.
T 30	20s11	2s24	5s 0	12s10	3n 7	24s40	1s19	10s19	0n24	21s 8	0n 7	24s 0	0s50	12s38	0n20	23n21	0n 5	19n52	1s35	21s30	21s35	15n38		n.a.

Julian Day Number = 1341136.5, Delta T = 07h15m39s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'56, Lahiri = -18°19'55 Julian Calendar 1 Nov. 1042 BCE == Greg. Calendar 22 Oct. 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1042 BCE
geocentric

DECEMBER 1042 BCE (-1041) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 57 36	29♏41'57	9♎ 5	10°D13	20♐18	28♎ 4	4♐ 0	13♑10	3♏44	12°R 1	4°R44	5°R10	5♐36	4♉17	n.a.	W 1
T 2	4 1 33	0♐43'15	23°52	10♏18	21°33	28°48	4°14	13°16	3°47	12♋ 0	4♊43	5♐10	5°33	4°23	n.a.	T 2
F 3	4 5 29	1°44'33	8♏52	10°32	22°47	29°31	4°28	13°22	3°51	11°59	4°41	5° 9	5°30	4°30	n.a.	F 3
S 4	4 9 26	2°45'50	23°58	10°53	24° 2	0♏14	4°42	13°28	3°54	11°58	4°40	5° 9	5°26	4°37	n.a.	S 4
S 5	4 13 22	3°47'07	8♐59	11°21	25°17	0°58	4°56	13°34	3°58	11°56	4°39	5°D 9	5°23	4°43	n.a.	S 5
M 6	4 17 19	4°48'23	23°48	11°56	26°32	1°41	5°10	13°40	4° 1	11°55	4°38	5°R 9	5°20	4°50	n.a.	M 6
T 7	4 21 15	5°49'39	8♑17	12°35	27°47	2°25	5°24	13°46	4° 4	11°54	4°36	5° 9	5°17	4°57	n.a.	T 7
W 8	4 25 12	6°50'54	22°21	13°20	29° 2	3° 8	5°38	13°53	4° 7	11°53	4°35	5° 9	5°14	5° 3	n.a.	W 8
T 9	4 29 8	7°52'08	5♒59	14° 9	0♑16	3°52	5°52	13°59	4°11	11°51	4°34	5° 9	5°10	5°10	n.a.	T 9
F 10	4 33 5	8°53'21	19°10	15° 2	1°31	4°35	6° 7	14° 6	4°14	11°50	4°33	5° 9	5° 7	5°17	n.a.	F 10
S 11	4 37 2	9°54'33	1♓57	15°58	2°46	5°19	6°21	14°12	4°17	11°49	4°31	5° 8	5° 4	5°23	n.a.	S 11
S 12	4 40 58	10°55'44	14°23	16°58	4° 0	6° 3	6°35	14°19	4°20	11°47	4°30	5°D 8	5° 1	5°30	n.a.	S 12
M13	4 44 55	11°56'54	26°33	18° 1	5°15	6°46	6°49	14°25	4°23	11°46	4°29	5° 9	4°58	5°37	n.a.	M13
T 14	4 48 51	12°58'03	8♈31	19° 6	6°30	7°30	7° 3	14°32	4°26	11°44	4°27	5° 9	4°55	5°43	n.a.	T 14
W15	4 52 48	13°59'11	20°22	20°14	7°44	8°14	7°17	14°38	4°29	11°43	4°26	5°10	4°51	5°50	n.a.	W15
T 16	4 56 44	15° 0'18	2♉10	21°24	8°59	8°58	7°31	14°45	4°33	11°41	4°25	5°11	4°48	5°57	n.a.	T 16
F 17	5 0 41	16° 1'24	13°59	22°36	10°13	9°41	7°45	14°52	4°36	11°40	4°24	5°12	4°45	6° 3	n.a.	F 17
S 18	5 4 38	17° 2'28	25°52	23°49	11°28	10°25	7°59	14°59	4°38	11°38	4°22	5°13	4°42	6°10	n.a.	S 18
S 19	5 8 34	18° 3'32	7♊52	25° 4	12°42	11° 9	8°13	15° 5	4°41	11°37	4°21	5°R13	4°39	6°17	n.a.	S 19
M20	5 12 31	19° 4'34	20° 1	26°21	13°57	11°53	8°27	15°12	4°44	11°35	4°20	5°12	4°36	6°23	n.a.	M20
T 21	5 16 27	20° 5'36	2♋20	27°39	15°11	12°37	8°41	15°19	4°47	11°34	4°19	5°11	4°32	6°30	n.a.	T 21
W22	5 20 24	21° 6'36	14°50	28°58	16°26	13°21	8°54	15°26	4°50	11°32	4°18	5° 9	4°29	6°37	n.a.	W22
T 23	5 24 20	22° 7'35	27°33	0♐19	17°40	14° 5	9° 8	15°33	4°53	11°31	4°16	5° 7	4°26	6°43	n.a.	T 23
F 24	5 28 17	23° 8'34	10♌29	1°41	18°54	14°49	9°22	15°40	4°56	11°29	4°15	5° 4	4°23	6°50	n.a.	F 24
S 25	5 32 13	24° 9'31	23°40	3° 4	20° 9	15°33	9°36	15°47	4°58	11°28	4°14	5° 1	4°20	6°57	n.a.	S 25
S 26	5 36 10	25°10'27	7♍ 5	4°27	21°23	16°17	9°50	15°54	5° 1	11°26	4°13	5° 0	4°16	7° 3	n.a.	S 26
M27	5 40 7	26°11'22	20°45	5°52	22°37	17° 1	10° 4	16° 1	5° 4	11°25	4°12	4°D59	4°13	7°10	n.a.	M27
T 28	5 44 3	27°12'17	4♎40	7°18	23°51	17°46	10°18	16° 8	5° 6	11°23	4°10	4°59	4°10	7°17	n.a.	T 28
W29	5 48 0	28°13'10	18°51	8°45	25° 6	18°30	10°31	16°15	5° 9	11°21	4° 9	5° 0	4° 7	7°23	n.a.	W29
T 30	5 51 56	29°14'02	3♏15	10°12	26°20	19°14	10°45	16°22	5°11	11°20	4° 8	5° 1	4° 4	7°30	n.a.	T 30
F 31	5 55 53	0♑14'53	17♏49	11♐41	27♑34	19♏58	10♐59	16♑29	5♏14	11♋18	4♊ 7	5♐ 2	4♐ 1	7♉37	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	20s24	7s41	4s24	12s12	3n 4	24s48	1s21	10s36	0n23	21s11	0n 6	23s59	0s50	12s39	0n20	23n21	0n 5	19n52	1s35	21s30	21s35	15n40			n.a.
T 2	20 37	12 39	3 30	12 17	3 1	24 55	1 22	10 52	0 23	21 13	0 6	23 59	0 50	12 40	0 20	23 21	0 5	19 52	1 35	21 30	21 34	15 41			n.a.
F 3	20 50	16 54	2 21	12 26	2 56	25 1	1 24	11 8	0 22	21 16	0 6	23 58	0 50	12 41	0 20	23 21	0 5	19 51	1 35	21 30	21 34	15 43			n.a.
S 4	21 3	20 3	1 2	12 38	2 50	25 6	1 25	11 24	0 21	21 19	0 6	23 57	0 50	12 42	0 20	23 21	0 5	19 51	1 35	21 30	21 33	15 45			n.a.
S 5	21 14	21 48	0n21	12 53	2 44	25 10	1 26	11 40	0 21	21 22	0 6	23 57	0 50	12 43	0 20	23 21	0 5	19 51	1 35	21 30	21 32	15 46			n.a.
M 6	21 26	21 58	1 42	13 10	2 37	25 14	1 28	11 56	0 20	21 24	0 6	23 56	0 50	12 45	0 20	23 21	0 5	19 51	1 35	21 30	21 32	15 48			n.a.
T 7	21 37	20 39	2 54	13 29	2 30	25 17	1 29	12 12	0 19	21 27	0 6	23 56	0 50	12 46	0 20	23 21	0 5	19 51	1 35	21 30	21 31	15 49			n.a.
W 8	21 48	18 5	3 54	13 50	2 22	25 19	1 30	12 28	0 19	21 30	0 6	23 55	0 50	12 47	0 20	23 22	0 5	19 51	1 35	21 30	21 31	15 51			n.a.
T 9	21 58	14 35	4 38	14 12	2 14	25 20	1 31	12 43	0 18	21 32	0 6	23 54	0 50	12 48	0 20	23 22	0 5	19 50	1 35	21 30	21 30	15 52			n.a.
F 10	22 8	10 28	5 6	14 36	2 6	25 21	1 32	12 59	0 17	21 35	0 5	23 54	0 50	12 49	0 20	23 22	0 5	19 50	1 34	21 30	21 29	15 54			n.a.
S 11	22 17	6 1	5 17	15 0	1 57	25 20	1 33	13 14	0 17	21 37	0 5	23 53	0 50	12 50	0 20	23 22	0 5	19 50	1 34	21 30	21 29	15 56			n.a.
S 12	22 26	1 25	5 14	15 26	1 49	25 19	1 34	13 30	0 16	21 40	0 5	23 52	0 50	12 51	0 20	23 22	0 5	19 50	1 34	21 30	21 28	15 57			n.a.
M13	22 35	3n 7	4 56	15 52	1 40	25 17	1 35	13 45	0 15	21 42	0 5	23 52	0 50	12 52	0 20	23 22	0 5	19 50	1 34	21 30	21 28	15 59			n.a.
T 14	22 43	7 29	4 26	16 18	1 32	25 15	1 35	14 0	0 15	21 45	0 5	23 51	0 50	12 53	0 20	23 22	0 5	19 50	1 34	21 30	21 27	16 0			n.a.
W15	22 50	11 32	3 44	16 45	1 23	25 11	1 36	14 15	0 14	21 47	0 5	23 50	0 50	12 54	0 20	23 23	0 5	19 49	1 34	21 30	21 27	16 2			n.a.
T 16	22 58	15 7	2 53	17 12	1 14	25 7	1 37	14 30	0 13	21 50	0 5	23 49	0 50	12 55	0 20	23 23	0 5	19 49	1 34	21 30	21 26	16 3			n.a.
F 17	23 4	18 7	1 55	17 39	1 5	25 2	1 37	14 45	0 13	21 52	0 5	23 49	0 51	12 56	0 20	23 23	0 5	19 49	1 34	21 30	21 25	16 5			n.a.
S 18	23 11	20 22	0 52	18 6	0 57	24 56	1 38	15 0	0 12	21 55	0 5	23 48	0 51	12 57	0 20	23 23	0 5	19 49	1 34	21 30	21 25	16 6			n.a.
S 19	23 16	21 44	0s15	18 33	0 48	24 50	1 38	15 14	0 11	21 57	0 4	23 47	0 51	12 58	0 20	23 23	0 5	19 49	1 34	21 31	21 24	16 8			n.a.
M20	23 22	22 5	1 21	19 0	0 40	24 42	1 38	15 29	0 10	21 59	0 4	23 46	0 51	12 59	0 20	23 23	0 5	19 49	1 34	21 30	21 24	16 9			n.a.
T 21	23 26	21 23	2 25	19 26	0 31	24 34	1 39	15 43	0 10	22 2	0 4	23 46	0 51	13 0	0 20	23 23	0 5	19 48	1 34	21 30	21 23	16 11			n.a.
W22	23 31	19 38	3 22	19 52	0 23	24 25	1 39	15 57	0 9	22 4	0 4	23 45	0 51	13 1	0 20	23 24	0 5	19 48	1 34	21 30	21 22	16 12			n.a.
T 23	23 35	16 53	4 11	20 18	0 15	24 16	1 39	16 11	0 8	22 6	0 4	23 44	0 51	13 2	0 20	23 24	0 5	19 48	1 34	21 29	21 22	16 14			n.a.
F 24	23 38	13 17	4 47	20 43	0 7	24 6	1 39	16 25	0 8	22 9	0 4	23 43	0 51	13 3	0 20	23 24	0 5	19 48	1 33	21 29	21 21	16 15			n.a.
S 25	23 41	8 59	5 10	21 7	0s 1	23 55	1 39	16 39	0 7	22 11	0 4	23 43	0 51	13 4	0 20	23 24	0 5	19 48	1 33	21 28	21 21	16 17			n.a.
S 26	23 44	4 10	5 15	21 31	0 9	23 43	1 39	16 53	0 6	22 13	0 4	23 42	0 51	13 5	0 20	23 24	0 5	19 48	1 33	21 28	21 20	16 18			n.a.
M27	23 46	0s55	5 4	21 53	0 16	23 31	1 39	17 6	0 5	22 15	0 4	23 41	0 51	13 6	0 20	23 24	0 5	19 48	1 33	21 28	21 19	16 20			n.a.
T 28	23 47	6 4	4 34	22 16	0 23	23 17	1 38	17 19	0 5	22 17	0 3	23 40	0 51	13 7	0 20	23 25	0 5	19 47	1 33	21 28	21 19	16 21			n.a.
W29	23 48	11 0	3 48	22 37	0 31	23 4	1 38	17 33	0 4	22 19	0 3	23 39	0 51	13 8	0 20	23 25	0 5	19 47	1 33	21 28	21 18	16 23			n.a.
T 30	23 49	15 23	2 46	22 57	0 38	22 49	1 38	17 46	0 3	22 21	0 3	23 38	0 51	13 9	0 20	23 25	0 5	19 47	1 33	21 28	21 18	16 24			n.a.
F 31	23s49	18s54	1s34	23s16	0s44	22s34	1s37	17s59	0n 2	22s24	0n 3	23s38	0s51	13s 9	0n20	23n25	0n 5	19n47	1s33	21s29	21s17	16n26			n.a.

Julian Day Number = 1341166.5, Delta T = 07h15m38s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'52, Lahiri = -18°19'51 Julian Calendar 1 Dec. 1042 BCE == Greg. Calendar 21 Nov. 1042 BCE

The year -1041 astronomical counting style corresponds to year 1042 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

JANUARY 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 59 49	1♉15'43	2♐29	13♐10	28♉48	20♏43	11♐12	16♉37	5♏16	11°R16	4°R 6	5°R 3	3♐57	7♑43	n.a.	S 1
S 2	6 3 46	2°16'32	17°10	14°40	0♒ 2	21°27	11°26	16°44	5°19	11♋15	4♊ 5	5♐ 3	3°54	7°50	n.a.	S 2
M 3	6 7 42	3°17'19	1♉44	16°11	1°16	22°11	11°40	16°51	5°21	11°13	4° 4	5° 1	3°51	7°57	n.a.	M 3
T 4	6 11 39	4°18'05	16° 5	17°43	2°30	22°56	11°53	16°58	5°24	11°11	4° 3	4°57	3°48	8° 3	n.a.	T 4
W 5	6 15 36	5°18'49	0♒ 8	19°16	3°44	23°40	12° 7	17° 5	5°26	11°10	4° 2	4°53	3°45	8°10	n.a.	W 5
T 6	6 19 32	6°19'31	13°49	20°50	4°58	24°24	12°20	17°13	5°28	11° 8	4° 1	4°48	3°42	8°17	n.a.	T 6
F 7	6 23 29	7°20'11	27° 5	22°24	6°12	25° 9	12°34	17°20	5°30	11° 6	3°59	4°43	3°38	8°23	n.a.	F 7
S 8	6 27 25	8°20'50	9♓57	23°59	7°25	25°53	12°47	17°27	5°33	11° 5	3°58	4°38	3°35	8°30	n.a.	S 8
S 9	6 31 22	9°21'27	22°28	25°35	8°39	26°38	13° 0	17°35	5°35	11° 3	3°57	4°35	3°32	8°37	n.a.	S 9
M10	6 35 18	10°22'01	4♈40	27°12	9°53	27°22	13°14	17°42	5°37	11° 1	3°56	4°34	3°29	8°43	n.a.	M10
T 11	6 39 15	11°22'34	16°40	28°50	11° 6	28° 7	13°27	17°49	5°39	11° 0	3°55	4°D34	3°26	8°50	n.a.	T 11
W12	6 43 11	12°23'05	28°31	0♉29	12°20	28°52	13°40	17°56	5°41	10°58	3°54	4°35	3°22	8°57	n.a.	W12
T 13	6 47 8	13°23'33	10♉19	2° 8	13°34	29°36	13°53	18° 4	5°43	10°56	3°54	4°37	3°19	9° 3	n.a.	T 13
F 14	6 51 5	14°24'00	22° 9	3°49	14°47	0♐21	14° 6	18°11	5°45	10°55	3°53	4°38	3°16	9°10	n.a.	F 14
S 15	6 55 1	15°24'25	4♊ 5	5°30	16° 1	1° 6	14°20	18°19	5°46	10°53	3°52	4°R39	3°13	9°16	n.a.	S 15
S 16	6 58 58	16°24'48	16°12	7°13	17°14	1°50	14°33	18°26	5°48	10°51	3°51	4°38	3°10	9°23	n.a.	S 16
M17	7 2 54	17°25'08	28°31	8°56	18°27	2°35	14°45	18°33	5°50	10°50	3°50	4°35	3° 7	9°30	n.a.	M17
T 18	7 6 51	18°25'27	11♋ 6	10°40	19°40	3°20	14°58	18°41	5°52	10°48	3°49	4°31	3° 3	9°36	n.a.	T 18
W19	7 10 47	19°25'44	23°56	12°25	20°54	4° 4	15°11	18°48	5°53	10°46	3°48	4°24	3° 0	9°43	n.a.	W19
T 20	7 14 44	20°25'59	7♌ 2	14°12	22° 7	4°49	15°24	18°55	5°55	10°45	3°47	4°16	2°57	9°50	n.a.	T 20
F 21	7 18 41	21°26'12	20°23	15°59	23°20	5°34	15°37	19° 3	5°57	10°43	3°47	4° 8	2°54	9°56	n.a.	F 21
S 22	7 22 37	22°26'23	3♍56	17°47	24°33	6°19	15°49	19°10	5°58	10°41	3°46	4° 0	2°51	10° 3	n.a.	S 22
S 23	7 26 34	23°26'33	17°39	19°37	25°46	7° 4	16° 2	19°17	6° 0	10°40	3°45	3°53	2°47	10°10	n.a.	S 23
M24	7 30 30	24°26'40	1♎31	21°27	26°59	7°49	16°15	19°25	6° 1	10°38	3°44	3°49	2°44	10°16	n.a.	M24
T 25	7 34 27	25°26'46	15°29	23°18	28°12	8°34	16°27	19°32	6° 2	10°36	3°44	3°46	2°41	10°23	n.a.	T 25
W26	7 38 23	26°26'51	29°34	25°11	29°24	9°18	16°39	19°39	6° 4	10°35	3°43	3°D46	2°38	10°30	n.a.	W26
T 27	7 42 20	27°26'53	13♏42	27° 4	0♓37	10° 3	16°52	19°47	6° 5	10°33	3°42	3°47	2°35	10°36	n.a.	T 27
F 28	7 46 16	28°26'54	27°55	28°58	1°50	10°48	17° 4	19°54	6° 6	10°32	3°41	3°R47	2°32	10°43	n.a.	F 28
S 29	7 50 13	29°26'53	12♐ 8	0♒53	3° 2	11°33	17°16	20° 1	6° 7	10°30	3°41	3°47	2°28	10°50	n.a.	S 29
S 30	7 54 9	0♒26'51	26°21	2°49	4°15	12°18	17°28	20° 9	6° 8	10°28	3°40	3°45	2°25	10°56	n.a.	S 30
M31	7 58 6	1♒26'46	10♉30	4♒46	5♓27	13♐ 3	17♐40	20♉16	6♏ 9	10♋27	3♊40	3♐40	2♐22	11♑ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	21s13	0s14	23s35	0s51	22s18	1s37	18s11	0n 1	22s26	0n 3	23s37	0s51	13s10	0n20	23n25	0n 5	19n47	1s33	21s29	21s16	16n27		n.a.
S 2	23 48	22 5	1n 6	23 52	0 57	22 2	1 36	18 24	0 1	22 28	0 3	23 36	0 51	13 11	0 20	23 25	0 5	19 47	1 33	21 29	21 16	16 29		n.a.
M 3	23 47	21 27	2 21	24 8	1 3	21 45	1 35	18 36	0s 0	22 30	0 3	23 35	0 51	13 12	0 20	23 25	0 5	19 47	1 33	21 28	21 15	16 30		n.a.
T 4	23 45	19 25	3 26	24 23	1 9	21 27	1 35	18 49	0 1	22 32	0 3	23 34	0 51	13 13	0 20	23 26	0 5	19 46	1 33	21 28	21 15	16 32		n.a.
W 5	23 43	16 15	4 17	24 37	1 15	21 8	1 34	19 1	0 2	22 33	0 3	23 33	0 51	13 13	0 20	23 26	0 5	19 46	1 33	21 27	21 14	16 33		n.a.
T 6	23 40	12 17	4 52	24 49	1 20	20 50	1 33	19 13	0 2	22 35	0 2	23 32	0 51	13 14	0 20	23 26	0 5	19 46	1 32	21 26	21 13	16 35		n.a.
F 7	23 37	7 50	5 10	25 1	1 25	20 30	1 32	19 24	0 3	22 37	0 2	23 32	0 52	13 15	0 20	23 26	0 5	19 46	1 32	21 25	21 13	16 36		n.a.
S 8	23 33	3 10	5 11	25 10	1 30	20 10	1 31	19 36	0 4	22 39	0 2	23 31	0 52	13 16	0 20	23 26	0 5	19 46	1 32	21 24	21 12	16 37		n.a.
S 9	23 29	1n30	4 58	25 19	1 34	19 49	1 30	19 47	0 5	22 41	0 2	23 30	0 52	13 16	0 20	23 26	0 5	19 46	1 32	21 24	21 12	16 39		n.a.
M10	23 24	6 1	4 31	25 26	1 38	19 28	1 28	19 59	0 6	22 43	0 2	23 29	0 52	13 17	0 20	23 27	0 5	19 46	1 32	21 23	21 11	16 40		n.a.
T 11	23 19	10 13	3 52	25 31	1 42	19 6	1 27	20 10	0 6	22 45	0 2	23 28	0 52	13 18	0 20	23 27	0 5	19 46	1 32	21 23	21 10	16 42		n.a.
W12	23 14	13 59	3 4	25 35	1 46	18 44	1 26	20 20	0 7	22 46	0 2	23 27	0 52	13 18	0 20	23 27	0 5	19 46	1 32	21 23	21 10	16 43		n.a.
T 13	23 8	17 11	2 9	25 37	1 49	18 21	1 24	20 31	0 8	22 48	0 2	23 26	0 52	13 19	0 20	23 27	0 5	19 46	1 32	21 24	21 9	16 45		n.a.
F 14	23 2	19 41	1 8	25 38	1 52	17 58	1 23	20 41	0 9	22 50	0 2	23 25	0 52	13 20	0 20	23 27	0 5	19 45	1 32	21 24	21 8	16 46		n.a.
S 15	22 55	21 21	0 3	25 36	1 54	17 34	1 21	20 52	0 10	22 51	0 2	23 24	0 52	13 20	0 20	23 27	0 5	19 45	1 32	21 24	21 8	16 47		n.a.
S 16	22 47	22 3	1s 2	25 34	1 57	17 10	1 19	21 2	0 11	22 53	0 1	23 23	0 52	13 21	0 20	23 27	0 6	19 45	1 32	21 24	21 7	16 49		n.a.
M17	22 40	21 43	2 6	25 29	1 58	16 46	1 18	21 12	0 11	22 55	0 1	23 22	0 52	13 21	0 20	23 28	0 6	19 45	1 31	21 24	21 7	16 50		n.a.
T 18	22 32	20 17	3 5	25 22	2 0	16 21	1 16	21 21	0 12	22 56	0 1	23 21	0 52	13 22	0 20	23 28	0 6	19 45	1 31	21 23	21 6	16 52		n.a.
W19	22 23	17 48	3 55	25 14	2 1	15 55	1 14	21 31	0 13	22 58	0 1	23 20	0 52	13 23	0 20	23 28	0 6	19 45	1 31	21 21	21 5	16 53		n.a.
T 20	22 14	14 23	4 34	25 3	2 1	15 29	1 12	21 40	0 14	22 59	0 1	23 19	0 52	13 23	0 20	23 28	0 6	19 45	1 31	21 20	21 5	16 54		n.a.
F 21	22 5	10 12	4 59	24 51	2 1	15 3	1 10	21 49	0 15	23 1	0 1	23 18	0 52	13 24	0 20	23 28	0 6	19 45	1 31	21 18	21 4	16 56		n.a.
S 22	21 55	5 27	5 8	24 37	2 1	14 36	1 8	21 58	0 16	23 2	0 1	23 17	0 53	13 24	0 20	23 28	0 6	19 45	1 31	21 17	21 3	16 57		n.a.
S 23	21 45	0 23	4 59	24 20	2 0	14 9	1 5	22 6	0 17	23 4	0 1	23 16	0 53	13 25	0 20	23 29	0 6	19 45	1 31	21 16	21 3	16 59		n.a.
M24	21 34	4s46	4 33	24 2	1 58	13 42	1 3	22 15	0 17	23 5	0 0	23 15	0 53	13 25	0 20	23 29	0 6	19 45	1 31	21 15	21 2	17 0		n.a.
T 25	21 23	9 43	3 50	23 41	1 57	13 14	1 1	22 23	0 18	23 7	0 0	23 14	0 53	13 25	0 20	23 29	0 6	19 45	1 31	21 14	21 2	17 1		n.a.
W26	21 12	14 11	2 53	23 18	1 54	12 46	0 59	22 31	0 19	23 8	0 0	23 13	0 53	13 26	0 20	23 29	0 6	19 45	1 31	21 14	21 1	17 3		n.a.
T 27	21 0	17 53	1 46	22 54	1 51	12 18	0 56	22 38	0 20	23 9	0 0	23 12	0 53	13 26	0 20	23 29	0 6	19 45	1 31	21 14	21 0	17 4		n.a.
F 28	20 48	20 31	0 32	22 27	1 48	11 49	0 54	22 46	0 21	23 11	0 0	23 11	0 53	13 27	0 20	23 29	0 6	19 45	1 31	21 15	21 0	17 5		n.a.
S 29	20 35	21 52	0n45	21 58	1 43	11 20	0 51	22 53	0 22	23 12	0s 0	23 10	0 53	13 27	0 20	23 29	0 6	19 45	1 30	21 15	20 59	17 7		n.a.
S 30	20 22	21 48	1 58	21 26	1 39	10 51	0 48	23 0	0 23	23 13	0 0	23 9	0 53	13 27	0 20	23 29	0 6	19 44	1 30	21 14	20 58	17 8		n.a.
M31	20s 9	20s21	3n 3	20s53	1s33	10s22	0s46	23s 7	0s24	23s14	0s 0	23s 8	0s53	13s28	0n20	23n30	0n 6	19n44	1s30	21s13	20s58	17n 9		n.a.

Julian Day Number = 1341197.5, Delta T = 07h15m36s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'48, Lahiri = -18°19'47 Julian Calendar 1 Jan. 1041 BCE == Greg. Calendar 22 Dec. 1042 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

FEBRUARY 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 2 3	2♒26'40	24♑29	6♒43	6♓40	13♐48	17♐52	20♑23	6♏10	10°R25	3°R39	3°R33	2♐19	11♉10	n.a.	T 1
W 2	8 5 59	3°26'31	8♒16	8°40	7°52	14°33	18° 4	20°30	6°11	10♋24	3♊38	3♐24	2°16	11°16	n.a.	W 2
T 3	8 9 56	4°26'20	21°45	10°38	9° 4	15°19	18°16	20°38	6°12	10°22	3°38	3°13	2°13	11°23	n.a.	T 3
F 4	8 13 52	5°26'07	4♓56	12°36	10°16	16° 4	18°28	20°45	6°13	10°21	3°37	3° 2	2° 9	11°30	n.a.	F 4
S 5	8 17 49	6°25'52	17°46	14°34	11°28	16°49	18°40	20°52	6°14	10°19	3°37	2°52	2° 6	11°36	n.a.	S 5
S 6	8 21 45	7°25'34	0♈16	16°32	12°40	17°34	18°51	20°59	6°15	10°18	3°36	2°44	2° 3	11°43	n.a.	S 6
M 7	8 25 42	8°25'14	12°30	18°29	13°52	18°19	19° 3	21° 6	6°15	10°16	3°36	2°38	2° 0	11°50	n.a.	M 7
T 8	8 29 38	9°24'51	24°30	20°25	15° 4	19° 4	19°14	21°13	6°16	10°15	3°36	2°35	1°57	11°56	n.a.	T 8
W 9	8 33 35	10°24'26	6♉22	22°20	16°16	19°49	19°25	21°20	6°17	10°14	3°35	2°D34	1°53	12° 3	n.a.	W 9
T 10	8 37 32	11°23'59	18°10	24°13	17°27	20°34	19°37	21°28	6°17	10°12	3°35	2°34	1°50	12°10	n.a.	T 10
F 11	8 41 28	12°23'29	0♊ 0	26° 4	18°39	21°20	19°48	21°35	6°18	10°11	3°34	2°R34	1°47	12°16	n.a.	F 11
S 12	8 45 25	13°22'57	11°58	27°52	19°50	22° 5	19°59	21°42	6°18	10° 9	3°34	2°34	1°44	12°23	n.a.	S 12
S 13	8 49 21	14°22'23	24° 9	29°38	21° 1	22°50	20°10	21°49	6°18	10° 8	3°34	2°32	1°41	12°30	n.a.	S 13
M14	8 53 18	15°21'46	6♋35	1♓20	22°13	23°35	20°21	21°56	6°19	10° 7	3°33	2°28	1°38	12°36	n.a.	M14
T 15	8 57 14	16°21'06	19°22	2°58	23°24	24°20	20°31	22° 3	6°19	10° 5	3°33	2°20	1°34	12°43	n.a.	T 15
W16	9 1 11	17°20'25	2♌29	4°32	24°35	25° 6	20°42	22° 9	6°19	10° 4	3°33	2°11	1°31	12°49	n.a.	W16
T 17	9 5 7	18°19'41	15°57	6° 1	25°46	25°51	20°52	22°16	6°19	10° 3	3°33	1°59	1°28	12°56	n.a.	T 17
F 18	9 9 4	19°18'55	29°43	7°24	26°57	26°36	21° 3	22°23	6°19	10° 2	3°33	1°47	1°25	13° 3	n.a.	F 18
S 19	9 13 0	20°18'06	13♍43	8°43	28° 7	27°21	21°13	22°30	6°R19	10° 0	3°32	1°36	1°22	13° 9	n.a.	S 19
S 20	9 16 57	21°17'16	27°52	9°55	29°18	28° 7	21°23	22°37	6°19	9°59	3°32	1°26	1°19	13°16	n.a.	S 20
M21	9 20 54	22°16'23	12♎ 6	11° 2	0♈28	28°52	21°34	22°44	6°19	9°58	3°32	1°18	1°15	13°23	n.a.	M21
T 22	9 24 50	23°15'29	26°21	12° 2	1°39	29°37	21°44	22°50	6°19	9°57	3°32	1°14	1°12	13°29	n.a.	T 22
W23	9 28 47	24°14'33	10♏33	12°55	2°49	0♑22	21°54	22°57	6°19	9°56	3°32	1°12	1° 9	13°36	n.a.	W23
T 24	9 32 43	25°13'35	24°41	13°42	3°59	1° 8	22° 3	23° 4	6°19	9°55	3°32	1°12	1° 6	13°43	n.a.	T 24
F 25	9 36 40	26°12'35	8♐43	14°21	5° 9	1°53	22°13	23°10	6°19	9°54	3°32	1°11	1° 3	13°49	n.a.	F 25
S 26	9 40 36	27°11'33	22°40	14°54	6°19	2°38	22°23	23°17	6°18	9°53	3°D32	1°10	0°59	13°56	n.a.	S 26
S 27	9 44 33	28°10'30	6♑30	15°20	7°29	3°24	22°32	23°23	6°18	9°52	3°32	1° 7	0°56	14° 3	n.a.	S 27
M28	9 48 29	29° 9'24	20°13	15°39	8°39	4° 9	22°41	23°30	6°18	9°51	3°32	1° 1	0°53	14° 9	n.a.	M28
T 29	9 52 26	0♓ 8'17	3♒46	15♓50	9♈48	4♑54	22♐51	23♑36	6♏17	9♋50	3♊32	0♐52	0♐50	14♉16	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s56	17s41	3n57	20s18	1s27	9s52	0s43	23s13	0s25	23s16	0s 0	23s 7	0s53	13s28	0n20	23n30	0n 6	19n44	1s30	21s12	20s57	17n11		n.a.
W 2	19 42	14 3	4 36	19 41	1 21	9 22	0 40	23 20	0 25	23 17	0 1	23 6	0 53	13 28	0 20	23 30	0 6	19 44	1 30	21 10	20 57	17 12		n.a.
T 3	19 27	9 47	4 58	19 1	1 14	8 52	0 37	23 26	0 26	23 18	0 1	23 5	0 54	13 29	0 20	23 30	0 6	19 44	1 30	21 8	20 56	17 13		n.a.
F 4	19 13	5 9	5 4	18 20	1 6	8 22	0 34	23 32	0 27	23 19	0 1	23 4	0 54	13 29	0 20	23 30	0 6	19 44	1 30	21 6	20 55	17 15		n.a.
S 5	18 58	0 25	4 54	17 38	0 57	7 51	0 31	23 37	0 28	23 20	0 1	23 3	0 54	13 29	0 20	23 30	0 6	19 44	1 30	21 4	20 55	17 16		n.a.
S 6	18 42	4n14	4 30	16 53	0 48	7 21	0 28	23 43	0 29	23 22	0 1	23 2	0 54	13 30	0 20	23 30	0 6	19 44	1 30	21 2	20 54	17 17		n.a.
M 7	18 27	8 36	3 54	16 8	0 38	6 50	0 25	23 48	0 30	23 23	0 1	23 1	0 54	13 30	0 20	23 31	0 6	19 44	1 30	21 1	20 53	17 19		n.a.
T 8	18 11	12 33	3 8	15 21	0 28	6 19	0 22	23 52	0 31	23 24	0 1	23 0	0 54	13 30	0 20	23 31	0 6	19 44	1 29	21 0	20 53	17 20		n.a.
W 9	17 55	15 58	2 15	14 33	0 17	5 48	0 19	23 57	0 32	23 25	0 1	22 59	0 54	13 30	0 20	23 31	0 6	19 44	1 29	21 0	20 52	17 21		n.a.
T 10	17 38	18 44	1 16	13 45	0 6	5 16	0 16	24 1	0 33	23 26	0 2	22 58	0 54	13 30	0 21	23 31	0 6	19 44	1 29	21 0	20 51	17 23		n.a.
F 11	17 21	20 42	0 14	12 56	0n 6	4 45	0 12	24 5	0 34	23 27	0 2	22 57	0 54	13 30	0 21	23 31	0 6	19 45	1 29	21 0	20 51	17 24		n.a.
S 12	17 4	21 46	0s50	12 7	0 19	4 13	0 9	24 9	0 35	23 28	0 2	22 56	0 54	13 31	0 21	23 31	0 6	19 45	1 29	21 0	20 50	17 25		n.a.
S 13	16 47	21 49	1 52	11 18	0 31	3 42	0 6	24 13	0 36	23 29	0 2	22 55	0 55	13 31	0 21	23 31	0 6	19 45	1 29	21 0	20 49	17 26		n.a.
M14	16 29	20 49	2 50	10 29	0 44	3 10	0 2	24 16	0 37	23 30	0 2	22 54	0 55	13 31	0 21	23 31	0 6	19 45	1 29	20 59	20 49	17 28		n.a.
T 15	16 11	18 45	3 41	9 42	0 57	2 39	0n 1	24 19	0 37	23 30	0 2	22 53	0 55	13 31	0 21	23 31	0 6	19 45	1 29	20 57	20 48	17 29		n.a.
W16	15 53	15 40	4 22	8 55	1 10	2 7	0 5	24 22	0 38	23 31	0 2	22 52	0 55	13 31	0 21	23 32	0 6	19 45	1 29	20 56	20 47	17 30		n.a.
T 17	15 34	11 42	4 50	8 10	1 23	1 35	0 8	24 24	0 39	23 32	0 2	22 51	0 55	13 31	0 21	23 32	0 6	19 45	1 29	20 53	20 47	17 32		n.a.
F 18	15 16	7 4	5 1	7 26	1 36	1 3	0 12	24 27	0 40	23 33	0 2	22 50	0 55	13 31	0 21	23 32	0 6	19 45	1 29	20 51	20 46	17 33		n.a.
S 19	14 57	1 59	4 54	6 45	1 49	0 32	0 15	24 29	0 41	23 34	0 3	22 49	0 55	13 31	0 21	23 32	0 6	19 45	1 28	20 48	20 46	17 34		n.a.
S 20	14 38	3s15	4 30	6 6	2 2	0n 0	0 19	24 30	0 42	23 35	0 3	22 48	0 55	13 31	0 21	23 32	0 6	19 45	1 28	20 46	20 45	17 35		n.a.
M21	14 18	8 21	3 49	5 29	2 14	0 32	0 22	24 32	0 43	23 36	0 3	22 47	0 55	13 31	0 21	23 32	0 6	19 45	1 28	20 45	20 44	17 37		n.a.
T 22	13 59	13 0	2 53	4 56	2 25	1 4	0 26	24 33	0 44	23 36	0 3	22 46	0 56	13 31	0 21	23 32	0 6	19 45	1 28	20 44	20 44	17 38		n.a.
W23	13 39	16 55	1 47	4 25	2 36	1 36	0 30	24 34	0 45	23 37	0 3	22 45	0 56	13 31	0 21	23 32	0 6	19 45	1 28	20 43	20 43	17 39		n.a.
T 24	13 19	19 48	0 34	3 57	2 46	2 7	0 34	24 35	0 46	23 38	0 3	22 44	0 56	13 31	0 21	23 32	0 6	19 45	1 28	20 43	20 42	17 40		n.a.
F 25	12 59	21 27	0n40	3 33	2 56	2 39	0 37	24 35	0 47	23 39	0 3	22 43	0 56	13 31	0 21	23 32	0 6	19 45	1 28	20 43	20 42	17 42		n.a.
S 26	12 38	21 46	1 51	3 13	3 4	3 10	0 41	24 35	0 48	23 39	0 4	22 42	0 56	13 31	0 21	23 33	0 6	19 45	1 28	20 43	20 41	17 43		n.a.
S 27	12 18	20 45	2 55	2 56	3 12	3 42	0 45	24 35	0 49	23 40	0 4	22 41	0 56	13 30	0 21	23 33	0 6	19 46	1 28	20 42	20 40	17 44		n.a.
M28	11 57	18 30	3 48	2 42	3 18	4 13	0 48	24 35	0 50	23 41	0 4	22 40	0 56	13 30	0 21	23 33	0 6	19 46	1 28	20 41	20 40	17 45		n.a.
T 29	11s36	15s17	4n28	2s33	3n24	4n45	0n52	24s34	0s51	23s41	0s 4	22s39	0s56	13s30	0n21	23n33	0n 6	19n46	1s27	20s39	20s39	17n46		n.a.

Julian Day Number = 1341228.5, Delta T = 07h15m35s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'43, Lahiri = -18°19'43 Julian Calendar 1 Feb. 1041 BCE == Greg. Calendar 22 Jan. 1041 BCE

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

MARCH 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 56 23	1♓ 7'07	17♒ 9	15°R55	10♈58	5♋39	23♐ 0	23♋42	6°R17	9°R49	3♊32	0°R41	0♐47	14♉23	n.a.	W 1
T 2	10 0 19	2° 5'55	0♓18	15♓53	12° 7	6°25	23° 9	23°49	6♏16	9♋48	3°32	0♐28	0°44	14°29	n.a.	T 2
F 3	10 4 16	3° 4'41	13°13	15°45	13°16	7°10	23°18	23°55	6°15	9°47	3°32	0°15	0°40	14°36	n.a.	F 3
S 4	10 8 12	4° 3'25	25°52	15°30	14°25	7°55	23°26	24° 1	6°15	9°46	3°32	0° 2	0°37	14°43	n.a.	S 4
S 5	10 12 9	5° 2'07	8♈16	15°10	15°34	8°41	23°35	24° 8	6°14	9°45	3°33	29♏52	0°34	14°49	n.a.	S 5
M 6	10 16 5	6° 0'47	20°25	14°45	16°43	9°26	23°43	24°14	6°13	9°45	3°33	29°44	0°31	14°56	n.a.	M 6
T 7	10 20 2	6°59'24	2♉23	14°15	17°52	10°11	23°52	24°20	6°12	9°44	3°33	29°39	0°28	15° 3	n.a.	T 7
W 8	10 23 58	7°57'59	14°14	13°41	19° 0	10°56	24° 0	24°26	6°11	9°43	3°33	29°36	0°24	15° 9	n.a.	W 8
T 9	10 27 55	8°56'32	26° 1	13° 3	20° 8	11°42	24° 8	24°32	6°11	9°42	3°34	29°D35	0°21	15°16	n.a.	T 9
F 10	10 31 51	9°55'02	7♊51	12°23	21°16	12°27	24°16	24°38	6°10	9°42	3°34	29°R35	0°18	15°22	n.a.	F 10
S 11	10 35 48	10°53'31	19°49	11°41	22°24	13°12	24°24	24°44	6° 9	9°41	3°34	29°35	0°15	15°29	n.a.	S 11
S 12	10 39 45	11°51'56	2♋ 0	10°58	23°32	13°57	24°31	24°49	6° 8	9°40	3°35	29°34	0°12	15°36	n.a.	S 12
M13	10 43 41	12°50'20	14°29	10°15	24°40	14°42	24°39	24°55	6° 6	9°40	3°35	29°30	0° 9	15°42	n.a.	M13
T 14	10 47 38	13°48'42	27°20	9°32	25°47	15°28	24°46	25° 1	6° 5	9°39	3°35	29°24	0° 5	15°49	n.a.	T 14
W15	10 51 34	14°47'01	10♌36	8°51	26°55	16°13	24°54	25° 6	6° 4	9°39	3°36	29°15	0° 2	15°56	n.a.	W15
T 16	10 55 31	15°45'18	24°17	8°11	28° 2	16°58	25° 1	25°12	6° 3	9°38	3°36	29° 5	29♏59	16° 2	n.a.	T 16
F 17	10 59 27	16°43'33	8♍22	7°35	29° 9	17°43	25° 8	25°17	6° 2	9°38	3°37	28°54	29°56	16° 9	n.a.	F 17
S 18	11 3 24	17°41'46	22°44	7° 1	0♉16	18°28	25°14	25°23	6° 0	9°37	3°37	28°43	29°53	16°16	n.a.	S 18
S 19	11 7 20	18°39'57	7♎19	6°31	1°22	19°13	25°21	25°28	5°59	9°37	3°38	28°34	29°50	16°22	n.a.	S 19
M20	11 11 17	19°38'06	21°59	6° 6	2°28	19°59	25°28	25°34	5°58	9°37	3°38	28°27	29°46	16°29	n.a.	M20
T 21	11 15 13	20°36'14	6♏37	5°44	3°35	20°44	25°34	25°39	5°56	9°36	3°39	28°23	29°43	16°36	n.a.	T 21
W22	11 19 10	21°34'20	21° 8	5°28	4°41	21°29	25°40	25°44	5°55	9°36	3°40	28°22	29°40	16°42	n.a.	W22
T 23	11 23 7	22°32'24	5♐27	5°16	5°46	22°14	25°46	25°49	5°53	9°36	3°40	28°D21	29°37	16°49	n.a.	T 23
F 24	11 27 3	23°30'27	19°33	5° 8	6°52	22°59	25°52	25°54	5°52	9°36	3°41	28°R22	29°34	16°56	n.a.	F 24
S 25	11 31 0	24°28'29	3♋25	5°D 6	7°57	23°44	25°58	25°59	5°50	9°35	3°41	28°22	29°30	17° 2	n.a.	S 25
S 26	11 34 56	25°26'29	17° 3	5° 9	9° 2	24°29	26° 3	26° 4	5°48	9°35	3°42	28°20	29°27	17° 9	n.a.	S 26
M27	11 38 53	26°24'28	0♒29	5°16	10° 7	25°14	26° 9	26° 9	5°47	9°35	3°43	28°15	29°24	17°16	n.a.	M27
T 28	11 42 49	27°22'25	13°41	5°28	11°12	25°59	26°14	26°14	5°45	9°35	3°44	28° 9	29°21	17°22	n.a.	T 28
W29	11 46 46	28°20'20	26°41	5°45	12°16	26°44	26°19	26°19	5°43	9°35	3°44	28° 0	29°18	17°29	n.a.	W29
T 30	11 50 42	29°18'14	9♓29	6° 6	13°20	27°29	26°24	26°23	5°41	9°35	3°45	27°50	29°15	17°35	n.a.	T 30
F 31	11 54 39	0♈16'06	22♓ 5	6♓31	14♉24	28♋13	26♐29	26♋28	5♏39	9°D35	3♊46	27♏39	29♏11	17♉42	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s15	11s18	4n52	2s28	3n27	5n16	0n56	24s33	0s52	23s42	0s 4	22s38	0s57	13s30	0n21	23n33	0n 6	19n46	1s27	20s37	20s38	17n48		n.a.
T 2	10 54	6 52	5 0	2 26	3 30	5 47	1 0	24 32	0 53	23 42	0 4	22 37	0 57	13 30	0 21	23 33	0 6	19 46	1 27	20 34	20 38	17 49		n.a.
F 3	10 32	2 12	4 53	2 28	3 31	6 18	1 4	24 31	0 54	23 43	0 4	22 36	0 57	13 30	0 21	23 33	0 6	19 46	1 27	20 31	20 37	17 50		n.a.
S 4	10 11	2n28	4 31	2 34	3 31	6 48	1 7	24 29	0 55	23 44	0 4	22 35	0 57	13 29	0 21	23 33	0 6	19 46	1 27	20 29	20 36	17 51		n.a.
S 5	9 49	6 56	3 56	2 44	3 29	7 19	1 11	24 27	0 56	23 44	0 5	22 34	0 57	13 29	0 21	23 33	0 6	19 46	1 27	20 26	20 36	17 52		n.a.
M 6	9 27	11 3	3 12	2 57	3 25	7 49	1 15	24 25	0 57	23 45	0 5	22 33	0 57	13 29	0 21	23 33	0 6	19 47	1 27	20 25	20 35	17 54		n.a.
T 7	9 5	14 40	2 19	3 13	3 20	8 19	1 19	24 23	0 58	23 45	0 5	22 32	0 57	13 28	0 21	23 33	0 6	19 47	1 27	20 24	20 34	17 55		n.a.
W 8	8 43	17 38	1 21	3 33	3 14	8 49	1 23	24 20	0 59	23 46	0 5	22 31	0 57	13 28	0 21	23 33	0 6	19 47	1 27	20 23	20 33	17 56		n.a.
T 9	8 21	19 52	0 19	3 55	3 5	9 19	1 26	24 17	0 59	23 46	0 5	22 30	0 58	13 28	0 21	23 33	0 6	19 47	1 27	20 23	20 33	17 57		n.a.
F 10	7 58	21 15	0s44	4 19	2 56	9 49	1 30	24 14	1 0	23 47	0 5	22 29	0 58	13 28	0 21	23 34	0 6	19 47	1 26	20 23	20 32	17 58		n.a.
S 11	7 36	21 40	1 45	4 46	2 45	10 18	1 34	24 10	1 1	23 47	0 5	22 28	0 58	13 27	0 21	23 34	0 6	19 47	1 26	20 23	20 31	17 59		n.a.
S 12	7 13	21 5	2 43	5 13	2 33	10 47	1 37	24 6	1 2	23 48	0 6	22 27	0 58	13 27	0 21	23 34	0 6	19 47	1 26	20 23	20 31	18 1		n.a.
M13	6 51	19 28	3 34	5 42	2 19	11 16	1 41	24 2	1 3	23 48	0 6	22 26	0 58	13 26	0 21	23 34	0 6	19 48	1 26	20 22	20 30	18 2		n.a.
T 14	6 28	16 50	4 17	6 12	2 5	11 45	1 45	23 58	1 4	23 49	0 6	22 25	0 58	13 26	0 21	23 34	0 6	19 48	1 26	20 20	20 29	18 3		n.a.
W15	6 5	13 16	4 46	6 41	1 50	12 13	1 49	23 54	1 5	23 49	0 6	22 24	0 58	13 26	0 21	23 34	0 6	19 48	1 26	20 19	20 29	18 4		n.a.
T 16	5 42	8 54	5 1	7 10	1 34	12 41	1 52	23 49	1 6	23 50	0 6	22 24	0 59	13 25	0 21	23 34	0 6	19 48	1 26	20 16	20 28	18 5		n.a.
F 17	5 19	3 58	4 58	7 39	1 18	13 9	1 56	23 44	1 7	23 50	0 6	22 23	0 59	13 25	0 21	23 34	0 6	19 48	1 26	20 14	20 27	18 6		n.a.
S 18	4 56	1s18	4 36	8 7	1 2	13 36	1 59	23 39	1 8	23 50	0 6	22 22	0 59	13 24	0 21	23 34	0 6	19 48	1 26	20 11	20 27	18 8		n.a.
S 19	4 33	6 34	3 56	8 33	0 46	14 3	2 3	23 33	1 9	23 51	0 7	22 21	0 59	13 24	0 21	23 34	0 6	19 49	1 26	20 9	20 26	18 9		n.a.
M20	4 10	11 29	3 1	8 58	0 29	14 30	2 6	23 28	1 10	23 51	0 7	22 20	0 59	13 23	0 21	23 34	0 6	19 49	1 26	20 8	20 25	18 10		n.a.
T 21	3 47	15 43	1 53	9 21	0 13	14 56	2 10	23 22	1 11	23 51	0 7	22 19	0 59	13 23	0 21	23 34	0 6	19 49	1 25	20 7	20 25	18 11		n.a.
W22	3 24	18 57	0 38	9 42	0s 2	15 22	2 13	23 15	1 12	23 52	0 7	22 18	0 59	13 22	0 21	23 34	0 6	19 49	1 25	20 7	20 24	18 12		n.a.
T 23	3 0	20 56	0n38	10 0	0 18	15 48	2 16	23 9	1 13	23 52	0 7	22 18	1 0	13 22	0 21	23 34	0 6	19 49	1 25	20 7	20 23	18 13		n.a.
F 24	2 37	21 34	1 51	10 17	0 33	16 13	2 20	23 2	1 14	23 53	0 7	22 17	1 0	13 21	0 21	23 34	0 6	19 50	1 25	20 7	20 23	18 14		n.a.
S 25	2 14	20 51	2 56	10 31	0 47	16 38	2 23	22 56	1 15	23 53	0 8	22 16	1 0	13 21	0 21	23 34	0 6	19 50	1 25	20 7	20 22	18 15		n.a.
S 26	1 50	18 55	3 50	10 43	1 1	17 2	2 26	22 48	1 16	23 53	0 8	22 15	1 0	13 20	0 21	23 34	0 6	19 50	1 25	20 6	20 21	18 16		n.a.
M27	1 27	15 59	4 30	10 52	1 14	17 26	2 29	22 41	1 17	23 54	0 8	22 14	1 0	13 20	0 21	23 34	0 6	19 50	1 25	20 5	20 20	18 18		n.a.
T 28	1 4	12 16	4 55	10 59	1 26	17 50	2 32	22 33	1 18	23 54	0 8	22 14	1 0	13 19	0 21	23 34	0 6	19 51	1 25	20 4	20 20	18 19		n.a.
W29	0 40	8 3	5 4	11 3	1 37	18 13	2 35	22 26	1 19	23 54	0 8	22 13	1 1	13 19	0 21	23 34	0 6	19 51	1 25	20 2	20 19	18 20		n.a.
T 30	0 17	3 32	4 58	11 5	1 48	18 36	2 38	22 18	1 20	23 54	0 8	22 12	1 1	13 18	0 21	23 34	0 6	19 51	1 25	19 59	20 18	18 21		n.a.
F 31	0n 7	1n 3	4n38	11s 5	1s58	18n59	2n41	22s 9	1s21	23s55	0s 9	22s11	1s 1	13s17	0n21	23n34	0n 6	19n51	1s24	19s57	20s18	18n22		n.a.

Julian Day Number = 1341257.5, Delta T = 07h15m33s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'39, Lahiri = -18°19'39 Julian Calendar 1 March 1041 BCE == Greg. Calendar 20 Feb. 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

APRIL 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 35	1♈13'57	4♈28	7♓ 1	15♉28	28♊58	26♐33	26♊32	5°R38	9♋35	3♊47	27°R29	29♏ 8	17♉49	n.a.	S 1
S 2	12 2 32	2°11'46	16°40	7°35	16°31	29°43	26°38	26°37	5♏36	9°35	3°47	27♏21	29° 5	17°55	n.a.	S 2
M 3	12 6 29	3° 9'34	28°42	8°13	17°35	0♒28	26°42	26°41	5°34	9°35	3°48	27°15	29° 2	18° 2	n.a.	M 3
T 4	12 10 25	4° 7'19	10♉36	8°54	18°38	1°13	26°46	26°45	5°32	9°35	3°49	27°11	28°59	18° 9	n.a.	T 4
W 5	12 14 22	5° 5'04	22°24	9°40	19°40	1°57	26°50	26°49	5°30	9°35	3°50	27°D 9	28°56	18°15	n.a.	W 5
T 6	12 18 18	6° 2'46	4♊11	10°28	20°42	2°42	26°53	26°53	5°28	9°35	3°51	27°10	28°52	18°22	n.a.	T 6
F 7	12 22 15	7° 0'27	16° 0	11°21	21°44	3°27	26°57	26°57	5°26	9°36	3°52	27°11	28°49	18°29	n.a.	F 7
S 8	12 26 11	7°58'06	27°57	12°16	22°46	4°11	27° 0	27° 1	5°24	9°36	3°53	27°12	28°46	18°35	n.a.	S 8
S 9	12 30 8	8°55'43	10♋ 7	13°15	23°47	4°56	27° 3	27° 5	5°22	9°36	3°54	27°R12	28°43	18°42	n.a.	S 9
M10	12 34 4	9°53'19	22°35	14°17	24°48	5°40	27° 6	27° 9	5°20	9°37	3°55	27°11	28°40	18°49	n.a.	M10
T 11	12 38 1	10°50'53	5♌25	15°21	25°49	6°25	27° 9	27°13	5°17	9°37	3°56	27° 9	28°36	18°55	n.a.	T 11
W12	12 41 58	11°48'26	18°41	16°29	26°49	7° 9	27°12	27°16	5°15	9°37	3°57	27° 4	28°33	19° 2	n.a.	W12
T 13	12 45 54	12°45'56	2♍25	17°39	27°49	7°54	27°14	27°20	5°13	9°38	3°58	26°58	28°30	19° 9	n.a.	T 13
F 14	12 49 51	13°43'26	16°36	18°52	28°49	8°38	27°16	27°23	5°11	9°38	3°59	26°52	28°27	19°15	n.a.	F 14
S 15	12 53 47	14°40'53	1♎10	20° 8	29°48	9°22	27°18	27°27	5° 9	9°39	4° 0	26°45	28°24	19°22	n.a.	S 15
S 16	12 57 44	15°38'20	16° 1	21°27	0♊47	10° 6	27°20	27°30	5° 6	9°39	4° 1	26°40	28°21	19°28	n.a.	S 16
M17	13 1 40	16°35'45	1♏ 1	22°48	1°45	10°51	27°22	27°33	5° 4	9°40	4° 2	26°36	28°17	19°35	n.a.	M17
T 18	13 5 37	17°33'09	16° 1	24°12	2°43	11°35	27°24	27°36	5° 2	9°40	4° 3	26°34	28°14	19°42	n.a.	T 18
W19	13 9 33	18°30'33	0♐52	25°38	3°40	12°19	27°25	27°39	4°59	9°41	4° 4	26°D34	28°11	19°48	n.a.	W19
T 20	13 13 30	19°27'55	15°30	27° 7	4°37	13° 3	27°26	27°42	4°57	9°42	4° 6	26°35	28° 8	19°55	n.a.	T 20
F 21	13 17 27	20°25'17	29°49	28°38	5°34	13°47	27°27	27°45	4°55	9°42	4° 7	26°36	28° 5	20° 2	n.a.	F 21
S 22	13 21 23	21°22'38	13♑47	0♈11	6°30	14°31	27°28	27°48	4°52	9°43	4° 8	26°37	28° 1	20° 8	n.a.	S 22
S 23	13 25 20	22°19'58	27°25	1°48	7°25	15°15	27°28	27°50	4°50	9°44	4° 9	26°R37	27°58	20°15	n.a.	S 23
M24	13 29 16	23°17'17	10♒43	3°26	8°21	15°59	27°29	27°53	4°48	9°44	4°10	26°36	27°55	20°22	n.a.	M24
T 25	13 33 13	24°14'36	23°44	5° 7	9°15	16°43	27°R29	27°55	4°45	9°45	4°12	26°33	27°52	20°28	n.a.	T 25
W26	13 37 9	25°11'54	6♓29	6°51	10° 9	17°26	27°29	27°57	4°43	9°46	4°13	26°29	27°49	20°35	n.a.	W26
T 27	13 41 6	26° 9'11	19° 0	8°36	11° 2	18°10	27°29	28° 0	4°40	9°47	4°14	26°24	27°46	20°42	n.a.	T 27
F 28	13 45 2	27° 6'27	1♈19	10°25	11°55	18°54	27°28	28° 2	4°38	9°48	4°15	26°19	27°42	20°48	n.a.	F 28
S 29	13 48 59	28° 3'43	13°28	12°15	12°48	19°37	27°28	28° 4	4°35	9°49	4°17	26°15	27°39	20°55	n.a.	S 29
S 30	13 52 56	29♈ 0'58	25♈28	14♈ 8	13♊39	20♒21	27♐27	28♑ 6	4♏33	9♋50	4♊18	26♏11	27♏36	21♉ 2	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n30	5n32	4n 4	11s 2	2s 7	19n20	2n44	22s 1	1s22	23s55	0s 9	22s11	1s 1	13s17	0n21	23n34	0n 6	19n52	1s24	19s55	20s17	18n23		n.a.
S 2	0 53	9 43	3 20	10 57	2 16	19 42	2 47	21 52	1 22	23 55	0 9	22 10	1 1	13 16	0 21	23 34	0 6	19 52	1 24	19 53	20 16	18 24		n.a.
M 3	1 17	13 28	2 27	10 50	2 23	20 3	2 49	21 44	1 23	23 56	0 9	22 9	1 1	13 15	0 21	23 34	0 6	19 52	1 24	19 51	20 16	18 25		n.a.
T 4	1 40	16 38	1 28	10 40	2 30	20 23	2 52	21 34	1 24	23 56	0 9	22 9	1 2	13 15	0 21	23 34	0 6	19 52	1 24	19 50	20 15	18 26		n.a.
W 5	2 3	19 4	0 26	10 28	2 36	20 43	2 54	21 25	1 25	23 56	0 9	22 8	1 2	13 14	0 21	23 34	0 6	19 53	1 24	19 50	20 14	18 27		n.a.
T 6	2 26	20 42	0s38	10 14	2 41	21 3	2 57	21 16	1 26	23 56	0 10	22 7	1 2	13 13	0 21	23 34	0 6	19 53	1 24	19 50	20 13	18 28		n.a.
F 7	2 49	21 25	1 40	9 58	2 46	21 22	2 59	21 6	1 27	23 57	0 10	22 7	1 2	13 13	0 21	23 34	0 6	19 53	1 24	19 50	20 13	18 29		n.a.
S 8	3 13	21 9	2 39	9 40	2 50	21 40	3 1	20 56	1 28	23 57	0 10	22 6	1 2	13 12	0 21	23 34	0 6	19 53	1 24	19 51	20 12	18 30		n.a.
S 9	3 36	19 55	3 31	9 20	2 53	21 58	3 3	20 46	1 29	23 57	0 10	22 6	1 2	13 11	0 21	23 34	0 6	19 54	1 24	19 51	20 11	18 31		n.a.
M10	3 59	17 42	4 15	8 58	2 55	22 16	3 5	20 36	1 30	23 57	0 10	22 5	1 3	13 11	0 21	23 34	0 6	19 54	1 24	19 50	20 11	18 32		n.a.
T 11	4 22	14 34	4 48	8 34	2 57	22 33	3 7	20 26	1 31	23 58	0 10	22 4	1 3	13 10	0 21	23 34	0 6	19 54	1 24	19 50	20 10	18 33		n.a.
W12	4 44	10 37	5 6	8 8	2 58	22 49	3 9	20 15	1 32	23 58	0 11	22 4	1 3	13 9	0 21	23 34	0 6	19 54	1 23	19 49	20 9	18 34		n.a.
T 13	5 7	6 0	5 8	7 40	2 58	23 5	3 11	20 4	1 33	23 58	0 11	22 3	1 3	13 8	0 21	23 34	0 6	19 55	1 23	19 47	20 8	18 35		n.a.
F 14	5 30	0 54	4 51	7 11	2 57	23 20	3 12	19 53	1 33	23 58	0 11	22 3	1 3	13 8	0 21	23 34	0 6	19 55	1 23	19 46	20 8	18 36		n.a.
S 15	5 52	4s22	4 16	6 39	2 56	23 35	3 14	19 42	1 34	23 58	0 11	22 2	1 4	13 7	0 21	23 34	0 6	19 55	1 23	19 44	20 7	18 37		n.a.
S 16	6 15	9 30	3 22	6 6	2 54	23 49	3 15	19 31	1 35	23 59	0 11	22 2	1 4	13 6	0 21	23 34	0 6	19 56	1 23	19 43	20 6	18 38		n.a.
M17	6 37	14 6	2 15	5 31	2 52	24 2	3 16	19 20	1 36	23 59	0 11	22 1	1 4	13 5	0 21	23 34	0 6	19 56	1 23	19 42	20 6	18 39		n.a.
T 18	7 0	17 48	0 57	4 55	2 49	24 15	3 17	19 8	1 37	23 59	0 12	22 1	1 4	13 5	0 21	23 34	0 6	19 56	1 23	19 42	20 5	18 40		n.a.
W19	7 22	20 16	0n24	4 17	2 45	24 28	3 18	18 56	1 38	23 59	0 12	22 1	1 4	13 4	0 21	23 34	0 6	19 56	1 23	19 42	20 4	18 41		n.a.
T 20	7 44	21 20	1 41	3 37	2 41	24 40	3 19	18 44	1 39	24 0	0 12	22 0	1 4	13 3	0 21	23 34	0 7	19 57	1 23	19 42	20 3	18 42		n.a.
F 21	8 6	20 58	2 51	2 56	2 36	24 51	3 20	18 32	1 40	24 0	0 12	22 0	1 5	13 2	0 21	23 34	0 7	19 57	1 23	19 42	20 3	18 43		n.a.
S 22	8 28	19 17	3 50	2 13	2 31	25 1	3 20	18 20	1 40	24 0	0 12	21 59	1 5	13 1	0 21	23 34	0 7	19 57	1 23	19 42	20 2	18 44		n.a.
S 23	8 50	16 33	4 33	1 29	2 24	25 12	3 21	18 8	1 41	24 0	0 13	21 59	1 5	13 1	0 21	23 34	0 7	19 58	1 22	19 42	20 1	18 45		n.a.
M24	9 11	13 0	5 1	0 43	2 18	25 21	3 21	17 55	1 42	24 0	0 13	21 59	1 5	13 0	0 21	23 34	0 7	19 58	1 22	19 42	20 1	18 46		n.a.
T 25	9 33	8 55	5 12	0n 4	2 11	25 30	3 21	17 43	1 43	24 0	0 13	21 58	1 5	12 59	0 21	23 34	0 7	19 58	1 22	19 41	20 0	18 47		n.a.
W26	9 54	4 31	5 8	0 53	2 3	25 38	3 21	17 30	1 44	24 1	0 13	21 58	1 6	12 58	0 21	23 34	0 7	19 59	1 22	19 41	19 59	18 48		n.a.
T 27	10 15	0 0	4 49	1 42	1 55	25 46	3 21	17 17	1 45	24 1	0 13	21 58	1 6	12 57	0 21	23 34	0 7	19 59	1 22	19 39	19 58	18 49		n.a.
F 28	10 36	4n27	4 17	2 33	1 47	25 53	3 20	17 4	1 45	24 1	0 13	21 58	1 6	12 57	0 21	23 34	0 7	19 59	1 22	19 38	19 58	18 50		n.a.
S 29	10 57	8 39	3 33	3 25	1 38	25 59	3 20	16 51	1 46	24 1	0 14	21 57	1 6	12 56	0 21	23 33	0 7	20 0	1 22	19 37	19 57	18 51		n.a.
S 30	11n18	12n29	2n41	4n18	1s28	26n 5	3n19	16s37	1s47	24s 1	0s14	21s57	1s 6	12s55	0n21	23n33	0n 7	20n 0	1s22	19s36	19s56	18n52		n.a.

Julian Day Number = 1341288.5, Delta T = 07h15m32s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'35, Lahiri = -18°19'35 Julian Calendar 1 Apr. 1041 BCE == Greg. Calendar 22 March 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

MAY 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 56 52	29♈58'12	7♉22	16♈ 3	14♊30	21♒ 4	27°R26	28♋ 8	4°R31	9♋51	4♊19	26°R 8	27♏33	21♉ 8	n.a.	M 1
T 2	14 0 49	0♉55'26	19°11	18° 1	15°20	21°47	27♐25	28°10	4♏28	9°52	4°20	26♏ 7	27°30	21°15	n.a.	T 2
W 3	14 4 45	1°52'38	0♊58	20° 0	16°10	22°31	27°23	28°11	4°26	9°53	4°22	26°D 7	27°27	21°21	n.a.	W 3
T 4	14 8 42	2°49'50	12°45	22° 2	16°59	23°14	27°22	28°13	4°23	9°54	4°23	26° 8	27°23	21°28	n.a.	T 4
F 5	14 12 38	3°47'01	24°36	24° 5	17°47	23°57	27°20	28°14	4°21	9°55	4°25	26° 9	27°20	21°35	n.a.	F 5
S 6	14 16 35	4°44'12	6♋34	26°10	18°34	24°40	27°18	28°16	4°18	9°56	4°26	26°11	27°17	21°41	n.a.	S 6
S 7	14 20 31	5°41'21	18°45	28°17	19°21	25°23	27°16	28°17	4°16	9°57	4°27	26°12	27°14	21°48	n.a.	S 7
M 8	14 24 28	6°38'30	1♌12	0♉25	20° 7	26° 6	27°14	28°18	4°13	9°58	4°29	26°R13	27°11	21°55	n.a.	M 8
T 9	14 28 25	7°35'38	13°59	2°35	20°51	26°49	27°11	28°19	4°11	10° 0	4°30	26°13	27° 7	22° 1	n.a.	T 9
W10	14 32 21	8°32'45	27°11	4°45	21°35	27°31	27° 9	28°20	4° 8	10° 1	4°31	26°12	27° 4	22° 8	n.a.	W10
T 11	14 36 18	9°29'51	10♍50	6°56	22°18	28°14	27° 6	28°21	4° 6	10° 2	4°33	26°10	27° 1	22°15	n.a.	T 11
F 12	14 40 14	10°26'57	24°56	9° 7	23° 0	28°57	27° 3	28°22	4° 3	10° 3	4°34	26° 9	26°58	22°21	n.a.	F 12
S 13	14 44 11	11°24'01	9♎27	11°18	23°41	29°39	27° 0	28°23	4° 1	10° 5	4°36	26° 7	26°55	22°28	n.a.	S 13
S 14	14 48 7	12°21'06	24°20	13°30	24°21	0♓22	26°56	28°23	3°59	10° 6	4°37	26° 5	26°52	22°35	n.a.	S 14
M15	14 52 4	13°18'10	9♏26	15°40	25° 0	1° 4	26°53	28°24	3°56	10° 7	4°39	26° 4	26°48	22°41	n.a.	M15
T 16	14 56 0	14°15'14	24°38	17°50	25°37	1°46	26°49	28°24	3°54	10° 9	4°40	26°D 4	26°45	22°48	n.a.	T 16
W17	14 59 57	15°12'18	9♐45	19°59	26°14	2°28	26°45	28°25	3°51	10°10	4°42	26° 4	26°42	22°54	n.a.	W17
T 18	15 3 54	16° 9'21	24°39	22° 7	26°49	3°10	26°41	28°25	3°49	10°12	4°43	26° 5	26°39	23° 1	n.a.	T 18
F 19	15 7 50	17° 6'25	9♋13	24°14	27°23	3°52	26°37	28°25	3°47	10°13	4°45	26° 5	26°36	23° 8	n.a.	F 19
S 20	15 11 47	18° 3'29	23°23	26°19	27°55	4°34	26°33	28°R25	3°44	10°15	4°46	26° 6	26°33	23°14	n.a.	S 20
S 21	15 15 43	19° 0'33	7♒ 8	28°23	28°27	5°16	26°28	28°25	3°42	10°16	4°48	26° 7	26°29	23°21	n.a.	S 21
M22	15 19 40	19°57'37	20°29	0♊25	28°56	5°58	26°23	28°25	3°40	10°18	4°49	26°R 7	26°26	23°28	n.a.	M22
T 23	15 23 36	20°54'41	3♓26	2°25	29°25	6°39	26°18	28°24	3°37	10°19	4°51	26° 7	26°23	23°34	n.a.	T 23
W24	15 27 33	21°51'45	16° 4	4°24	29°51	7°21	26°13	28°24	3°35	10°21	4°52	26° 6	26°20	23°41	n.a.	W24
T 25	15 31 30	22°48'50	28°25	6°20	0♋17	8° 2	26° 8	28°23	3°33	10°22	4°54	26° 6	26°17	23°48	n.a.	T 25
F 26	15 35 26	23°45'55	10♈34	8°15	0°40	8°43	26° 3	28°23	3°30	10°24	4°55	26° 6	26°13	23°54	n.a.	F 26
S 27	15 39 23	24°43'00	22°33	10° 7	1° 2	9°24	25°57	28°22	3°28	10°26	4°57	26° 5	26°10	24° 1	n.a.	S 27
S 28	15 43 19	25°40'06	4♉25	11°58	1°22	10° 6	25°52	28°21	3°26	10°27	4°58	26°D 5	26° 7	24° 8	n.a.	S 28
M29	15 47 16	26°37'12	16°13	13°46	1°40	10°46	25°46	28°20	3°24	10°29	5° 0	26° 5	26° 4	24°14	n.a.	M29
T 30	15 51 12	27°34'18	28° 0	15°33	1°57	11°27	25°40	28°19	3°21	10°31	5° 1	26°R 5	26° 1	24°21	n.a.	T 30
W31	15 55 9	28♉31'25	9♊48	17♊17	2♋11	12♓ 8	25♐34	28♋18	3♏19	10♋33	5♊ 3	26♏ 5	25♏58	24♉28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n38	15n47	1n41	5n12	1s19	26n11	3n18	16s24	1s48	24s 2	0s14	21s57	1s 7	12s54	0n21	23n33	0n 7	20n 0	1s22	19s36	19s55	18n53			n.a.
T 2	11 59	18 24	0 38	6 7	1 9	26 15	3 17	16 11	1 49	24 2	0 14	21 57	1 7	12 53	0 21	23 33	0 7	20 0	1 22	19 35	19 55	18 54			n.a.
W 3	12 19	20 14	0s27	7 2	0 58	26 19	3 15	15 57	1 49	24 2	0 14	21 57	1 7	12 52	0 21	23 33	0 7	20 1	1 22	19 35	19 54	18 55			n.a.
T 4	12 39	21 11	1 31	7 58	0 48	26 23	3 14	15 43	1 50	24 2	0 15	21 56	1 7	12 52	0 21	23 33	0 7	20 1	1 22	19 35	19 53	18 56			n.a.
F 5	12 59	21 12	2 31	8 55	0 37	26 26	3 12	15 29	1 51	24 2	0 15	21 56	1 7	12 51	0 21	23 33	0 7	20 1	1 22	19 36	19 52	18 57			n.a.
S 6	13 18	20 14	3 25	9 51	0 26	26 28	3 10	15 16	1 52	24 2	0 15	21 56	1 8	12 50	0 21	23 33	0 7	20 2	1 21	19 36	19 52	18 58			n.a.
S 7	13 38	18 20	4 11	10 47	0 16	26 30	3 8	15 2	1 53	24 3	0 15	21 56	1 8	12 49	0 21	23 33	0 7	20 2	1 21	19 36	19 51	18 58			n.a.
M 8	13 57	15 33	4 47	11 43	0 5	26 32	3 6	14 47	1 53	24 3	0 15	21 56	1 8	12 48	0 21	23 33	0 7	20 2	1 21	19 37	19 50	18 59			n.a.
T 9	14 16	11 57	5 9	12 39	0n 6	26 32	3 3	14 33	1 54	24 3	0 16	21 56	1 8	12 47	0 21	23 33	0 7	20 3	1 21	19 37	19 50	19 0			n.a.
W10	14 34	7 42	5 16	13 34	0 16	26 33	3 0	14 19	1 55	24 3	0 16	21 56	1 8	12 47	0 21	23 33	0 7	20 3	1 21	19 36	19 49	19 1			n.a.
T 11	14 53	2 54	5 6	14 28	0 27	26 32	2 57	14 5	1 56	24 3	0 16	21 56	1 9	12 46	0 21	23 33	0 7	20 3	1 21	19 36	19 48	19 2			n.a.
F 12	15 11	2s11	4 38	15 20	0 37	26 31	2 54	13 50	1 56	24 3	0 16	21 56	1 9	12 45	0 21	23 32	0 7	20 4	1 21	19 36	19 47	19 3			n.a.
S 13	15 29	7 19	3 51	16 12	0 46	26 30	2 50	13 36	1 57	24 3	0 16	21 56	1 9	12 44	0 21	23 32	0 7	20 4	1 21	19 35	19 47	19 4			n.a.
S 14	15 47	12 10	2 47	17 1	0 56	26 28	2 46	13 21	1 58	24 3	0 17	21 56	1 9	12 43	0 21	23 32	0 7	20 4	1 21	19 35	19 46	19 5			n.a.
M15	16 5	16 18	1 31	17 49	1 4	26 25	2 42	13 7	1 59	24 4	0 17	21 56	1 9	12 42	0 21	23 32	0 7	20 5	1 21	19 35	19 45	19 6			n.a.
T 16	16 22	19 21	0 8	18 35	1 13	26 22	2 38	12 52	1 59	24 4	0 17	21 56	1 10	12 42	0 21	23 32	0 7	20 5	1 21	19 35	19 44	19 6			n.a.
W17	16 39	21 1	1n15	19 18	1 20	26 19	2 33	12 37	2 0	24 4	0 17	21 57	1 10	12 41	0 21	23 32	0 7	20 5	1 21	19 35	19 44	19 7			n.a.
T 18	16 56	21 10	2 32	19 59	1 27	26 15	2 28	12 22	2 1	24 4	0 17	21 57	1 10	12 40	0 21	23 32	0 7	20 6	1 21	19 35	19 43	19 8			n.a.
F 19	17 13	19 53	3 37	20 38	1 33	26 10	2 23	12 7	2 1	24 4	0 18	21 57	1 10	12 39	0 21	23 32	0 7	20 6	1 21	19 35	19 42	19 9			n.a.
S 20	17 29	17 22	4 28	21 15	1 39	26 6	2 17	11 52	2 2	24 4	0 18	21 57	1 10	12 38	0 21	23 32	0 7	20 7	1 20	19 35	19 41	19 10			n.a.
S 21	17 45	13 56	5 1	21 48	1 44	26 0	2 12	11 37	2 3	24 4	0 18	21 57	1 11	12 38	0 21	23 32	0 7	20 7	1 20	19 35	19 41	19 11			n.a.
M22	18 1	9 54	5 16	22 20	1 49	25 54	2 6	11 22	2 3	24 4	0 18	21 58	1 11	12 37	0 21	23 31	0 7	20 7	1 20	19 35	19 40	19 12			n.a.
T 23	18 16	5 31	5 15	22 48	1 52	25 48	1 59	11 7	2 4	24 4	0 18	21 58	1 11	12 36	0 21	23 31	0 7	20 8	1 20	19 35	19 39	19 12			n.a.
W24	18 31	1 0	4 59	23 14	1 55	25 41	1 52	10 52	2 5	24 4	0 19	21 58	1 11	12 35	0 20	23 31	0 7	20 8	1 20	19 35	19 38	19 13			n.a.
T 25	18 46	3n28	4 29	23 38	1 57	25 34	1 45	10 37	2 5	24 4	0 19	21 58	1 11	12 34	0 20	23 31	0 7	20 8	1 20	19 35	19 38	19 14			n.a.
F 26	19 1	7 43	3 47	23 59	1 59	25 27	1 38	10 22	2 6	24 4	0 19	21 59	1 12	12 34	0 20	23 31	0 7	20 9	1 20	19 35	19 37	19 15			n.a.
S 27	19 15	11 37	2 56	24 18	2 0	25 19	1 30	10 7	2 6	24 4	0 19	21 59	1 12	12 33	0 20	23 31	0 7	20 9	1 20	19 35	19 36	19 16			n.a.
S 28	19 29	15 2	1 58	24 34	2 0	25 10	1 22	9 52	2 7	24 4	0 19	21 59	1 12	12 32	0 20	23 31	0 7	20 9	1 20	19 35	19 35	19 16			n.a.
M29	19 42	17 49	0 55	24 48	2 0	25 1	1 13	9 36	2 8	24 4	0 19	22 0	1 12	12 31	0 20	23 31	0 7	20 10	1 20	19 35	19 35	19 17			n.a.
T 30	19 56	19 51	0s11	24 59	1 59	24 52	1 4	9 21	2 8	24 4	0 20	22 0	1 12	12 31	0 20	23 30	0 7	20 10	1 20	19 35	19 34	19 18			n.a.
W31	20n 9	21n 2	1s16	25n 8	1n57	24n43	0n55	9s 6	2s 9	24s 4	0s20	22s 1	1s13	12s30	0n20	23n30	0n 7	20n10	1s20	19s35	19s33	19n19			n.a.

Julian Day Number = 1341318.5, Delta T = 07h15m30s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'31, Lahiri = -18°19'31 Julian Calendar 1 May 1041 BCE == Greg. Calendar 21 Apr. 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

JUNE 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 5	29♉28'31	21♊39	19♊ 0	2♋24	12♓49	25°R28	28°R17	3°R17	10♋34	5♊ 4	26°R 5	25♏54	24♉34	n.a.	T 1
F 2	16 3 2	0♊25'38	3♋35	20°40	2°34	13°29	25♐22	28♑16	3♏15	10°36	5° 6	26♏ 5	25°51	24°41	n.a.	F 2
S 3	16 6 59	1°22'45	15°40	22°18	2°43	14° 9	25°15	28°14	3°13	10°38	5° 8	26° 4	25°48	24°47	n.a.	S 3
S 4	16 10 55	2°19'53	27°57	23°55	2°49	14°49	25° 9	28°13	3°11	10°40	5° 9	26° 3	25°45	24°54	n.a.	S 4
M 5	16 14 52	3°17'00	10♌27	25°29	2°53	15°29	25° 2	28°11	3° 9	10°42	5°11	26° 2	25°42	25° 1	n.a.	M 5
T 6	16 18 48	4°14'07	23°15	27° 1	2°R54	16° 9	24°55	28°10	3° 7	10°43	5°12	26° 2	25°38	25° 7	n.a.	T 6
W 7	16 22 45	5°11'15	6♍23	28°32	2°54	16°49	24°49	28° 8	3° 5	10°45	5°14	26°D 2	25°35	25°14	n.a.	W 7
T 8	16 26 41	6° 8'23	19°54	29°59	2°51	17°29	24°42	28° 6	3° 3	10°47	5°15	26° 2	25°32	25°21	n.a.	T 8
F 9	16 30 38	7° 5'31	3♎50	1♋26	2°45	18° 8	24°35	28° 4	3° 1	10°49	5°17	26° 3	25°29	25°27	n.a.	F 9
S 10	16 34 35	8° 2'40	18°10	2°50	2°38	18°48	24°28	28° 2	2°59	10°51	5°18	26° 4	25°26	25°34	n.a.	S 10
S 11	16 38 31	8°59'48	2♏51	4°11	2°27	19°27	24°20	28° 0	2°57	10°53	5°20	26° 5	25°23	25°41	n.a.	S 11
M12	16 42 28	9°56'58	17°49	5°31	2°15	20° 6	24°13	27°58	2°56	10°55	5°22	26° 5	25°19	25°47	n.a.	M12
T 13	16 46 24	10°54'08	2♐57	6°48	2° 0	20°45	24° 6	27°56	2°54	10°57	5°23	26°R 5	25°16	25°54	n.a.	T 13
W14	16 50 21	11°51'18	18° 6	8° 3	1°43	21°24	23°58	27°53	2°52	10°59	5°25	26° 4	25°13	26° 1	n.a.	W14
T 15	16 54 17	12°48'30	3♑ 7	9°16	1°23	22° 2	23°51	27°51	2°50	11° 1	5°26	26° 3	25°10	26° 7	n.a.	T 15
F 16	16 58 14	13°45'42	17°51	10°26	1° 1	22°41	23°43	27°48	2°49	11° 3	5°28	26° 1	25° 7	26°14	n.a.	F 16
S 17	17 2 10	14°42'55	2♒11	11°34	0°38	23°19	23°36	27°45	2°47	11° 5	5°29	25°59	25° 4	26°21	n.a.	S 17
S 18	17 6 7	15°40'09	16° 5	12°39	0°12	23°57	23°28	27°43	2°46	11° 7	5°31	25°56	25° 0	26°27	n.a.	S 18
M19	17 10 4	16°37'25	29°31	13°41	29♊44	24°35	23°21	27°40	2°44	11° 9	5°32	25°55	24°57	26°34	n.a.	M19
T 20	17 14 0	17°34'41	12♓32	14°41	29°14	25°13	23°13	27°37	2°42	11°11	5°34	25°D54	24°54	26°40	n.a.	T 20
W21	17 17 57	18°31'59	25° 9	15°37	28°43	25°51	23° 5	27°34	2°41	11°13	5°35	25°54	24°51	26°47	n.a.	W21
T 22	17 21 53	19°29'17	7♈27	16°31	28°11	26°29	22°57	27°31	2°40	11°15	5°37	25°55	24°48	26°54	n.a.	T 22
F 23	17 25 50	20°26'37	19°31	17°22	27°37	27° 6	22°50	27°28	2°38	11°17	5°38	25°56	24°44	27° 0	n.a.	F 23
S 24	17 29 46	21°23'59	1♉25	18° 9	27° 2	27°43	22°42	27°25	2°37	11°19	5°40	25°58	24°41	27° 7	n.a.	S 24
S 25	17 33 43	22°21'21	13°13	18°53	26°26	28°20	22°34	27°22	2°36	11°22	5°42	25°59	24°38	27°14	n.a.	S 25
M26	17 37 39	23°18'45	25° 0	19°33	25°49	28°57	22°26	27°18	2°34	11°24	5°43	26°R 0	24°35	27°20	n.a.	M26
T 27	17 41 36	24°16'11	6♊47	20° 9	25°13	29°33	22°19	27°15	2°33	11°26	5°45	25°59	24°32	27°27	n.a.	T 27
W28	17 45 33	25°13'37	18°40	20°41	24°36	0♈10	22°11	27°11	2°32	11°28	5°46	25°58	24°29	27°34	n.a.	W28
T 29	17 49 29	26°11'05	0♋39	21° 9	23°59	0°46	22° 3	27° 8	2°31	11°30	5°47	25°54	24°25	27°40	n.a.	T 29
F 30	17 53 26	27♊ 8'33	12♋46	21♋33	23♊22	1♈22	21♐55	27♑ 4	2♏30	11♋32	5♊49	25♏50	24♏22	27♉47	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n21	21n16	2s17	25n15	1n55	24n33	0n45	8s51	2s 9	24s 4	0s20	22s 1	1s13	12s29	0n20	23n30	0n 7	20n11	1s20	19s35	19s32	19n20		n.a.
F 2	20 34	20 32	3 14	25 21	1 52	24 23	0 35	8 35	2 10	24 4	0 20	22 1	1 13	12 28	0 20	23 30	0 7	20 11	1 20	19 35	19 31	19 20		n.a.
S 3	20 46	18 52	4 2	25 24	1 48	24 12	0 25	8 20	2 11	24 4	0 20	22 2	1 13	12 28	0 20	23 30	0 7	20 11	1 20	19 35	19 31	19 21		n.a.
S 4	20 57	16 19	4 40	25 25	1 44	24 1	0 14	8 5	2 11	24 4	0 21	22 2	1 13	12 27	0 20	23 30	0 7	20 12	1 19	19 34	19 30	19 22		n.a.
M 5	21 9	12 59	5 6	25 24	1 40	23 50	0 3	7 49	2 12	24 4	0 21	22 3	1 14	12 26	0 20	23 30	0 7	20 12	1 19	19 34	19 29	19 23		n.a.
T 6	21 20	9 0	5 17	25 22	1 35	23 39	0s 8	7 34	2 12	24 4	0 21	22 3	1 14	12 26	0 20	23 30	0 7	20 12	1 19	19 34	19 28	19 24		n.a.
W 7	21 30	4 29	5 12	25 18	1 29	23 27	0 20	7 19	2 13	24 4	0 21	22 4	1 14	12 25	0 20	23 29	0 7	20 13	1 19	19 34	19 28	19 24		n.a.
T 8	21 40	0s23	4 50	25 12	1 23	23 15	0 32	7 4	2 13	24 4	0 21	22 5	1 14	12 24	0 20	23 29	0 7	20 13	1 19	19 34	19 27	19 25		n.a.
F 9	21 50	5 23	4 11	25 5	1 17	23 3	0 45	6 48	2 14	24 4	0 22	22 5	1 14	12 24	0 20	23 29	0 7	20 13	1 19	19 34	19 26	19 26		n.a.
S 10	22 0	10 14	3 15	24 57	1 10	22 50	0 58	6 33	2 14	24 4	0 22	22 6	1 14	12 23	0 20	23 29	0 7	20 14	1 19	19 34	19 25	19 27		n.a.
S 11	22 9	14 37	2 5	24 47	1 2	22 37	1 11	6 18	2 15	24 4	0 22	22 6	1 15	12 23	0 20	23 29	0 7	20 14	1 19	19 35	19 25	19 27		n.a.
M12	22 18	18 9	0 46	24 36	0 54	22 24	1 24	6 3	2 15	24 3	0 22	22 7	1 15	12 22	0 20	23 29	0 7	20 14	1 19	19 35	19 24	19 28		n.a.
T 13	22 26	20 28	0n38	24 24	0 46	22 11	1 38	5 48	2 16	24 3	0 22	22 8	1 15	12 21	0 20	23 28	0 7	20 15	1 19	19 35	19 23	19 29		n.a.
W14	22 34	21 18	1 59	24 11	0 37	21 57	1 51	5 33	2 16	24 3	0 22	22 8	1 15	12 21	0 20	23 28	0 7	20 15	1 19	19 35	19 22	19 30		n.a.
T 15	22 42	20 36	3 11	23 57	0 28	21 43	2 5	5 18	2 17	24 3	0 23	22 9	1 15	12 20	0 20	23 28	0 7	20 15	1 19	19 34	19 21	19 30		n.a.
F 16	22 49	18 30	4 9	23 42	0 18	21 29	2 19	5 2	2 17	24 3	0 23	22 10	1 16	12 20	0 20	23 28	0 7	20 16	1 19	19 34	19 21	19 31		n.a.
S 17	22 56	15 17	4 49	23 27	0 8	21 15	2 34	4 47	2 18	24 3	0 23	22 10	1 16	12 19	0 20	23 28	0 7	20 16	1 19	19 33	19 20	19 32		n.a.
S 18	23 2	11 19	5 11	23 10	0s 2	21 1	2 48	4 32	2 18	24 2	0 23	22 11	1 16	12 19	0 20	23 28	0 7	20 16	1 19	19 33	19 19	19 32		n.a.
M19	23 8	6 54	5 15	22 54	0 13	20 47	3 2	4 18	2 18	24 2	0 23	22 12	1 16	12 18	0 20	23 28	0 7	20 17	1 19	19 32	19 18	19 33		n.a.
T 20	23 14	2 19	5 3	22 36	0 24	20 33	3 16	4 3	2 19	24 2	0 24	22 13	1 16	12 18	0 20	23 27	0 7	20 17	1 19	19 32	19 18	19 34		n.a.
W21	23 19	2n15	4 36	22 19	0 35	20 18	3 30	3 48	2 19	24 2	0 24	22 13	1 16	12 17	0 20	23 27	0 7	20 17	1 18	19 32	19 17	19 35		n.a.
T 22	23 24	6 37	3 57	22 1	0 46	20 4	3 44	3 33	2 20	24 1	0 24	22 14	1 17	12 17	0 20	23 27	0 7	20 18	1 18	19 32	19 16	19 35		n.a.
F 23	23 28	10 38	3 8	21 43	0 58	19 50	3 58	3 18	2 20	24 1	0 24	22 15	1 17	12 16	0 20	23 27	0 7	20 18	1 18	19 33	19 15	19 36		n.a.
S 24	23 32	14 12	2 11	21 24	1 10	19 36	4 11	3 4	2 20	24 1	0 24	22 16	1 17	12 16	0 20	23 27	0 7	20 18	1 18	19 33	19 14	19 37		n.a.
S 25	23 36	17 10	1 10	21 6	1 23	19 22	4 24	2 49	2 21	24 1	0 24	22 17	1 17	12 15	0 20	23 27	0 7	20 19	1 18	19 33	19 14	19 37		n.a.
M26	23 39	19 24	0 6	20 48	1 35	19 8	4 37	2 34	2 21	24 0	0 25	22 17	1 17	12 15	0 20	23 26	0 7	20 19	1 18	19 34	19 13	19 38		n.a.
T 27	23 41	20 49	0s59	20 30	1 48	18 55	4 49	2 20	2 21	24 0	0 25	22 18	1 17	12 14	0 20	23 26	0 7	20 19	1 18	19 33	19 12	19 39		n.a.
W28	23 44	21 19	2 1	20 13	2 0	18 42	5 1	2 6	2 22	24 0	0 25	22 19	1 18	12 14	0 20	23 26	0 7	20 20	1 18	19 33	19 11	19 39		n.a.
T 29	23 46	20 50	2 59	19 56	2 13	18 29	5 12	1 51	2 22	23 59	0 25	22 20	1 18	12 14	0 20	23 26	0 7	20 20	1 18	19 32	19 10	19 40		n.a.
F 30	23n47	19n24	3s49	19n40	2s26	18n17	5s22	1s37	2s22	23s59	0s25	22s21	1s18	12s13	0n20	23n26	0n 7	20n20	1s18	19s31	19s10	19n41		n.a.

Julian Day Number = 1341349.5, Delta T = 07h15m28s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'27, Lahiri = -18°19'26 Julian Calendar 1 June 1041 BCE == Greg. Calendar 22 May 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

JULY 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 57 22	28♊ 6'03	25♋ 3	21♋52	22°R46	1♈58	21°R48	27°R 0	2°R29	11♋34	5♊50	25°R44	24♏19	27♉54	n.a.	S 1
S 2	18 1 19	29° 3'34	7♌31	22° 7	22♊10	2°33	21♐40	26♑57	2♏28	11°37	5°52	25♏39	24°16	28° 0	n.a.	S 2
M 3	18 5 15	0♋ 1'06	20°13	22°16	21°36	3° 9	21°32	26°53	2°27	11°39	5°53	25°34	24°13	28° 7	n.a.	M 3
T 4	18 9 12	0°58'40	3♍ 8	22°R20	21° 3	3°44	21°25	26°49	2°26	11°41	5°55	25°29	24°10	28°13	n.a.	T 4
W 5	18 13 9	1°56'14	16°19	22°19	20°31	4°19	21°17	26°45	2°25	11°43	5°56	25°27	24° 6	28°20	n.a.	W 5
T 6	18 17 5	2°53'49	29°47	22°12	20° 0	4°53	21°10	26°41	2°24	11°45	5°58	25°D26	24° 3	28°27	n.a.	T 6
F 7	18 21 2	3°51'26	13♎34	22° 0	19°32	5°28	21° 2	26°37	2°23	11°48	5°59	25°26	24° 0	28°33	n.a.	F 7
S 8	18 24 58	4°49'03	27°40	21°43	19° 5	6° 2	20°55	26°33	2°23	11°50	6° 0	25°27	23°57	28°40	n.a.	S 8
S 9	18 28 55	5°46'42	12♏ 4	21°19	18°40	6°36	20°47	26°29	2°22	11°52	6° 2	25°28	23°54	28°47	n.a.	S 9
M10	18 32 51	6°44'22	26°44	20°51	18°17	7°10	20°40	26°25	2°21	11°54	6° 3	25°R29	23°50	28°53	n.a.	M10
T 11	18 36 48	7°42'04	11♐36	20°17	17°57	7°43	20°33	26°21	2°21	11°57	6° 5	25°28	23°47	29° 0	n.a.	T 11
W12	18 40 44	8°39'46	26°31	19°39	17°38	8°17	20°26	26°16	2°20	11°59	6° 6	25°25	23°44	29° 7	n.a.	W12
T 13	18 44 41	9°37'31	11♑24	18°56	17°22	8°50	20°19	26°12	2°20	12° 1	6° 7	25°20	23°41	29°13	n.a.	T 13
F 14	18 48 38	10°35'16	26° 5	18° 9	17° 9	9°22	20°12	26° 8	2°19	12° 3	6° 9	25°14	23°38	29°20	n.a.	F 14
S 15	18 52 34	11°33'04	10♒26	17°19	16°57	9°55	20° 5	26° 4	2°19	12° 5	6°10	25° 7	23°35	29°27	n.a.	S 15
S 16	18 56 31	12°30'53	24°24	16°27	16°49	10°27	19°59	25°59	2°19	12° 8	6°11	25° 0	23°31	29°33	n.a.	S 16
M17	19 0 27	13°28'44	7♓54	15°33	16°42	10°59	19°52	25°55	2°18	12°10	6°13	24°53	23°28	29°40	n.a.	M17
T 18	19 4 24	14°26'37	20°58	14°40	16°38	11°31	19°46	25°50	2°18	12°12	6°14	24°49	23°25	29°47	n.a.	T 18
W19	19 8 20	15°24'32	3♈38	13°47	16°D36	12° 2	19°39	25°46	2°18	12°14	6°15	24°46	23°22	29°53	n.a.	W19
T 20	19 12 17	16°22'29	15°57	12°56	16°37	12°33	19°33	25°41	2°18	12°17	6°16	24°D46	23°19	29°59	n.a.	T 20
F 21	19 16 13	17°20'28	28° 0	12° 8	16°40	13° 4	19°27	25°37	2°18	12°19	6°18	24°46	23°16	0♊ 6	n.a.	F 21
S 22	19 20 10	18°18'28	9♉53	11°24	16°45	13°35	19°21	25°32	2°D18	12°21	6°19	24°47	23°12	0°13	n.a.	S 22
S 23	19 24 7	19°16'31	21°40	10°45	16°53	14° 5	19°15	25°28	2°18	12°23	6°20	24°R48	23° 9	0°20	n.a.	S 23
M24	19 28 3	20°14'36	3♊27	10°12	17° 3	14°35	19°10	25°23	2°18	12°25	6°21	24°48	23° 6	0°26	n.a.	M24
T 25	19 32 0	21°12'44	15°19	9°46	17°14	15° 4	19° 4	25°19	2°18	12°28	6°22	24°45	23° 3	0°33	n.a.	T 25
W26	19 35 56	22°10'53	27°17	9°27	17°28	15°33	18°59	25°14	2°18	12°30	6°24	24°41	23° 0	0°40	n.a.	W26
T 27	19 39 53	23° 9'04	9♋26	9°17	17°44	16° 2	18°54	25° 9	2°19	12°32	6°25	24°34	22°56	0°46	n.a.	T 27
F 28	19 43 49	24° 7'17	21°47	9°D14	18° 2	16°31	18°49	25° 5	2°19	12°34	6°26	24°24	22°53	0°53	n.a.	F 28
S 29	19 47 46	25° 5'31	4♌21	9°20	18°21	16°59	18°44	25° 0	2°19	12°36	6°27	24°14	22°50	1° 0	n.a.	S 29
S 30	19 51 42	26° 3'48	17° 8	9°35	18°43	17°27	18°39	24°56	2°20	12°39	6°28	24° 3	22°47	1° 6	n.a.	S 30
M31	19 55 39	27♋ 2'07	0♍ 8	9♋59	19♊ 6	17♈54	18♐34	24♑51	2♏20	12♋41	6♊29	23♏52	22♏44	1♊13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	17n 3	4s29	19n24	2s38	18n 5	5s32	1s23	2s23	23s59	0s25	22s22	1s18	12s13	0n20	23n25	0n 7	20n20	1s18	19s30	19s 9	19n41		n.a.
S 2	23 49	13 54	4 56	19 9	2 51	17 54	5 42	1 9	2 23	23 58	0 25	22 23	1 18	12 13	0 20	23 25	0 7	20 21	1 18	19 28	19 8	19 42		n.a.
M 3	23 49	10 4	5 10	18 56	3 3	17 43	5 50	0 55	2 23	23 58	0 26	22 24	1 18	12 12	0 20	23 25	0 7	20 21	1 18	19 27	19 7	19 43		n.a.
T 4	23 49	5 43	5 9	18 43	3 15	17 33	5 58	0 41	2 23	23 58	0 26	22 25	1 19	12 12	0 20	23 25	0 7	20 21	1 18	19 26	19 7	19 43		n.a.
W 5	23 48	1 1	4 51	18 32	3 27	17 24	6 5	0 27	2 24	23 57	0 26	22 25	1 19	12 12	0 20	23 25	0 7	20 22	1 18	19 26	19 6	19 44		n.a.
T 6	23 47	3s51	4 18	18 22	3 38	17 15	6 12	0 13	2 24	23 57	0 26	22 26	1 19	12 11	0 20	23 25	0 7	20 22	1 18	19 25	19 5	19 45		n.a.
F 7	23 46	8 38	3 28	18 13	3 49	17 8	6 17	0n 0	2 24	23 57	0 26	22 27	1 19	12 11	0 20	23 24	0 7	20 22	1 18	19 25	19 4	19 45		n.a.
S 8	23 44	13 4	2 26	18 7	3 59	17 0	6 22	0 14	2 24	23 56	0 26	22 28	1 19	12 11	0 20	23 24	0 7	20 23	1 18	19 26	19 3	19 46		n.a.
S 9	23 41	16 51	1 12	18 1	4 7	16 54	6 27	0 27	2 25	23 56	0 26	22 29	1 19	12 11	0 20	23 24	0 7	20 23	1 18	19 26	19 3	19 46		n.a.
M10	23 39	19 37	0n 7	17 58	4 15	16 49	6 30	0 41	2 25	23 56	0 27	22 30	1 19	12 11	0 19	23 24	0 7	20 23	1 18	19 26	19 2	19 47		n.a.
T 11	23 35	21 6	1 26	17 57	4 22	16 44	6 33	0 54	2 25	23 55	0 27	22 31	1 20	12 10	0 19	23 24	0 7	20 23	1 18	19 26	19 1	19 48		n.a.
W12	23 32	21 6	2 40	17 57	4 27	16 40	6 36	1 7	2 25	23 55	0 27	22 32	1 20	12 10	0 19	23 23	0 7	20 24	1 17	19 25	19 0	19 48		n.a.
T 13	23 28	19 37	3 43	17 59	4 31	16 37	6 37	1 20	2 25	23 54	0 27	22 33	1 20	12 10	0 19	23 23	0 7	20 24	1 17	19 24	18 59	19 49		n.a.
F 14	23 23	16 51	4 30	18 4	4 33	16 34	6 39	1 33	2 25	23 54	0 27	22 34	1 20	12 10	0 19	23 23	0 7	20 24	1 17	19 22	18 59	19 49		n.a.
S 15	23 18	13 7	4 59	18 10	4 33	16 33	6 39	1 46	2 26	23 54	0 27	22 35	1 20	12 10	0 19	23 23	0 7	20 25	1 17	19 21	18 58	19 50		n.a.
S 16	23 13	8 45	5 8	18 18	4 32	16 32	6 39	1 58	2 26	23 53	0 27	22 36	1 20	12 10	0 19	23 23	0 7	20 25	1 17	19 19	18 57	19 51		n.a.
M17	23 7	4 6	5 1	18 27	4 28	16 32	6 39	2 11	2 26	23 53	0 27	22 37	1 20	12 10	0 19	23 22	0 7	20 25	1 17	19 17	18 56	19 51		n.a.
T 18	23 1	0n36	4 37	18 39	4 23	16 32	6 38	2 24	2 26	23 52	0 28	22 38	1 20	12 10	0 19	23 22	0 7	20 25	1 17	19 16	18 55	19 52		n.a.
W19	22 55	5 8	4 1	18 51	4 15	16 34	6 36	2 36	2 26	23 52	0 28	22 39	1 21	12 10	0 19	23 22	0 7	20 26	1 17	19 16	18 54	19 52		n.a.
T 20	22 48	9 20	3 14	19 6	4 6	16 36	6 34	2 48	2 26	23 52	0 28	22 40	1 21	12 10	0 19	23 22	0 7	20 26	1 17	19 15	18 54	19 53		n.a.
F 21	22 40	13 5	2 19	19 21	3 55	16 38	6 32	3 0	2 26	23 51	0 28	22 41	1 21	12 10	0 19	23 22	0 7	20 26	1 17	19 16	18 53	19 54		n.a.
S 22	22 33	16 16	1 20	19 37	3 43	16 41	6 29	3 12	2 26	23 51	0 28	22 42	1 21	12 10	0 19	23 21	0 7	20 26	1 17	19 16	18 52	19 54		n.a.
S 23	22 24	18 44	0 17	19 54	3 29	16 45	6 26	3 24	2 26	23 51	0 28	22 43	1 21	12 10	0 19	23 21	0 7	20 27	1 17	19 16	18 51	19 55		n.a.
M24	22 16	20 25	0s46	20 12	3 14	16 49	6 23	3 36	2 26	23 50	0 28	22 44	1 21	12 10	0 19	23 21	0 7	20 27	1 17	19 16	18 50	19 55		n.a.
T 25	22 7	21 12	1 48	20 30	2 58	16 54	6 19	3 47	2 26	23 50	0 28	22 44	1 21	12 10	0 19	23 21	0 8	20 27	1 17	19 15	18 50	19 56		n.a.
W26	21 58	21 2	2 45	20 48	2 41	16 59	6 15	3 58	2 26	23 49	0 28	22 45	1 21	12 10	0 19	23 21	0 8	20 27	1 17	19 14	18 49	19 56		n.a.
T 27	21 48	19 54	3 36	21 6	2 24	17 5	6 11	4 10	2 26	23 49	0 29	22 46	1 21	12 10	0 19	23 20	0 8	20 28	1 17	19 12	18 48	19 57		n.a.
F 28	21 38	17 48	4 17	21 24	2 6	17 11	6 7	4 21	2 26	23 49	0 29	22 47	1 21	12 10	0 19	23 20	0 8	20 28	1 17	19 10	18 47	19 57		n.a.
S 29	21 27	14 51	4 46	21 42	1 48	17 17	6 2	4 32	2 26	23 48	0 29	22 48	1 22	12 10	0 19	23 20	0 8	20 28	1 17	19 8	18 46	19 58		n.a.
S 30	21 16	11 9	5 2	21 58	1 30	17 24	5 57	4 43	2 26	23 48	0 29	22 49	1 22	12 10	0 19	23 20	0 8	20 28	1 17	19 5	18 46	19 58		n.a.
M31	21n 5	6n54	5s 2	22n14	1s12	17n31	5s52	4n53	2s26	23s48	0s29	22s50	1s22	12s11	0n19	23n20	0n 8	20n28	1s17	19s 2	18s45	19n59		n.a.

Julian Day Number = 1341379.5, Delta T = 07h15m27s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'23, Lahiri = -18°19'22 Julian Calendar 1 July 1041 BCE == Greg. Calendar 21 June 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

AUGUST 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 35	28♋ 0'27	13♍19	10♋31	19♊31	18♈21	18°R30	24°R46	2♏21	12♋43	6♊30	23°R44	22♏41	1♊20	n.a.	T 1
W 2	20 3 32	28°58'49	26°43	11°11	19°58	18°48	18♐26	24♑42	2°21	12°45	6°31	23♏37	22°37	1°26	n.a.	W 2
T 3	20 7 29	29°57'13	10♎18	12° 0	20°26	19°14	18°22	24°37	2°22	12°47	6°32	23°33	22°34	1°33	n.a.	T 3
F 4	20 11 25	0♌55'38	24° 4	12°56	20°55	19°40	18°18	24°33	2°22	12°49	6°33	23°32	22°31	1°40	n.a.	F 4
S 5	20 15 22	1°54'05	8♏ 2	14° 0	21°26	20° 5	18°14	24°28	2°23	12°52	6°34	23°D32	22°28	1°46	n.a.	S 5
S 6	20 19 18	2°52'34	22°12	15°10	21°59	20°30	18°10	24°23	2°24	12°54	6°35	23°R32	22°25	1°53	n.a.	S 6
M 7	20 23 15	3°51'05	6♐32	16°27	22°33	20°55	18° 7	24°19	2°25	12°56	6°36	23°31	22°22	1°59	n.a.	M 7
T 8	20 27 11	4°49'38	21° 0	17°49	23° 8	21°19	18° 4	24°14	2°26	12°58	6°37	23°29	22°18	2° 6	n.a.	T 8
W 9	20 31 8	5°48'12	5♑33	19°16	23°45	21°43	18° 1	24°10	2°26	13° 0	6°38	23°24	22°15	2°13	n.a.	W 9
T 10	20 35 4	6°46'48	20° 4	20°48	24°22	22° 6	17°58	24° 6	2°27	13° 2	6°39	23°16	22°12	2°19	n.a.	T 10
F 11	20 39 1	7°45'26	4♒28	22°23	25° 1	22°29	17°55	24° 1	2°28	13° 4	6°40	23° 6	22° 9	2°26	n.a.	F 11
S 12	20 42 58	8°44'07	18°38	24° 3	25°41	22°51	17°53	23°57	2°30	13° 6	6°41	22°54	22° 6	2°33	n.a.	S 12
S 13	20 46 54	9°42'49	2♓28	25°44	26°23	23°13	17°51	23°52	2°31	13° 8	6°41	22°43	22° 2	2°39	n.a.	S 13
M14	20 50 51	10°41'34	15°55	27°29	27° 5	23°34	17°49	23°48	2°32	13°10	6°42	22°32	21°59	2°46	n.a.	M14
T 15	20 54 47	11°40'21	28°58	29°15	27°48	23°55	17°47	23°44	2°33	13°12	6°43	22°24	21°56	2°53	n.a.	T 15
W16	20 58 44	12°39'10	11♈38	1♌ 2	28°33	24°16	17°45	23°40	2°34	13°14	6°44	22°18	21°53	2°59	n.a.	W16
T 17	21 2 40	13°38'01	23°58	2°51	29°18	24°35	17°43	23°35	2°36	13°16	6°44	22°15	21°50	3° 6	n.a.	T 17
F 18	21 6 37	14°36'55	6♉ 2	4°40	0♋ 4	24°55	17°42	23°31	2°37	13°18	6°45	22°13	21°47	3°13	n.a.	F 18
S 19	21 10 33	15°35'52	17°55	6°30	0°51	25°13	17°41	23°27	2°38	13°20	6°46	22°13	21°43	3°19	n.a.	S 19
S 20	21 14 30	16°34'51	29°43	8°20	1°39	25°32	17°40	23°23	2°40	13°22	6°47	22°13	21°40	3°26	n.a.	S 20
M21	21 18 26	17°33'52	11♊32	10°10	2°28	25°49	17°39	23°19	2°41	13°24	6°47	22°12	21°37	3°33	n.a.	M21
T 22	21 22 23	18°32'56	23°26	12° 0	3°18	26° 6	17°39	23°15	2°43	13°26	6°48	22° 9	21°34	3°39	n.a.	T 22
W23	21 26 20	19°32'02	5♋30	13°50	4° 8	26°22	17°39	23°11	2°45	13°28	6°48	22° 3	21°31	3°46	n.a.	W23
T 24	21 30 16	20°31'11	17°48	15°39	4°59	26°38	17°D39	23° 7	2°46	13°30	6°49	21°55	21°27	3°53	n.a.	T 24
F 25	21 34 13	21°30'22	0♌22	17°28	5°51	26°53	17°39	23° 4	2°48	13°32	6°50	21°44	21°24	3°59	n.a.	F 25
S 26	21 38 9	22°29'35	13°13	19°16	6°43	27° 8	17°39	23° 0	2°50	13°33	6°50	21°31	21°21	4° 6	n.a.	S 26
S 27	21 42 6	23°28'50	26°21	21° 4	7°37	27°22	17°39	22°56	2°52	13°35	6°51	21°18	21°18	4°12	n.a.	S 27
M28	21 46 2	24°28'08	9♍43	22°51	8°30	27°35	17°40	22°53	2°53	13°37	6°51	21° 5	21°15	4°19	n.a.	M28
T 29	21 49 59	25°27'27	23°19	24°37	9°25	27°47	17°41	22°49	2°55	13°39	6°52	20°54	21°12	4°26	n.a.	T 29
W30	21 53 55	26°26'49	7♎ 4	26°23	10°20	27°59	17°42	22°46	2°57	13°41	6°52	20°46	21° 8	4°32	n.a.	W30
T 31	21 57 52	27♌26'13	20♎57	28♌ 7	11♋15	28♈10	17♐43	22♑42	2♏59	13♋42	6♊53	20♏41	21♏ 5	4♊39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	20n53	2n15	4s46	22n29	0s55	17n38	5s47	5n 4	2s26	23s48	0s29	22s51	1s22	12s11	0n19	23n19	0n 8	20n29	1s17	19s 0	18s44	19n59		n.a.	T 1
W 2	20 41	2s34	4 15	22 43	0 38	17 46	5 41	5 14	2 26	23 47	0 29	22 52	1 22	12 11	0 19	23 19	0 8	20 29	1 17	18 58	18 43	20 0		n.a.	W 2
T 3	20 29	7 20	3 29	22 54	0 22	17 53	5 36	5 24	2 26	23 47	0 29	22 53	1 22	12 11	0 19	23 19	0 8	20 29	1 17	18 57	18 42	20 1		n.a.	T 3
F 4	20 16	11 48	2 30	23 5	0 6	18 1	5 30	5 34	2 25	23 47	0 29	22 54	1 22	12 12	0 19	23 19	0 8	20 29	1 17	18 57	18 41	20 1		n.a.	F 4
S 5	20 3	15 41	1 22	23 13	0n 8	18 9	5 24	5 44	2 25	23 46	0 29	22 55	1 22	12 12	0 19	23 19	0 8	20 29	1 17	18 57	18 41	20 2		n.a.	S 5
S 6	19 49	18 43	0 7	23 18	0 22	18 17	5 18	5 54	2 25	23 46	0 29	22 56	1 22	12 12	0 19	23 19	0 8	20 30	1 16	18 57	18 40	20 2		n.a.	S 6
M 7	19 36	20 37	1n 9	23 22	0 35	18 25	5 12	6 3	2 25	23 46	0 29	22 56	1 22	12 12	0 19	23 18	0 8	20 30	1 16	18 57	18 39	20 3		n.a.	M 7
T 8	19 22	21 10	2 20	23 23	0 47	18 33	5 6	6 13	2 25	23 46	0 30	22 57	1 22	12 13	0 19	23 18	0 8	20 30	1 16	18 56	18 38	20 3		n.a.	T 8
W 9	19 7	20 19	3 23	23 21	0 57	18 41	5 0	6 22	2 24	23 46	0 30	22 58	1 22	12 13	0 19	23 18	0 8	20 30	1 16	18 55	18 37	20 3		n.a.	W 9
T 10	18 52	18 7	4 13	23 17	1 7	18 49	4 53	6 31	2 24	23 45	0 30	22 59	1 22	12 13	0 19	23 18	0 8	20 30	1 16	18 53	18 36	20 4		n.a.	T 10
F 11	18 37	14 49	4 46	23 10	1 16	18 57	4 47	6 40	2 24	23 45	0 30	23 0	1 22	12 14	0 19	23 18	0 8	20 31	1 16	18 50	18 36	20 4		n.a.	F 11
S 12	18 22	10 43	5 1	23 1	1 23	19 5	4 40	6 48	2 24	23 45	0 30	23 1	1 22	12 14	0 19	23 17	0 8	20 31	1 16	18 47	18 35	20 5		n.a.	S 12
S 13	18 6	6 9	4 57	22 48	1 30	19 12	4 34	6 57	2 23	23 45	0 30	23 1	1 23	12 15	0 19	23 17	0 8	20 31	1 16	18 44	18 34	20 5		n.a.	S 13
M14	17 50	1 23	4 37	22 33	1 36	19 20	4 27	7 5	2 23	23 45	0 30	23 2	1 23	12 15	0 19	23 17	0 8	20 31	1 16	18 42	18 33	20 6		n.a.	M14
T 15	17 33	3n17	4 3	22 16	1 40	19 27	4 21	7 13	2 23	23 45	0 30	23 3	1 23	12 16	0 19	23 17	0 8	20 31	1 16	18 40	18 32	20 6		n.a.	T 15
W16	17 17	7 42	3 18	21 56	1 44	19 34	4 14	7 21	2 22	23 45	0 30	23 4	1 23	12 16	0 19	23 17	0 8	20 31	1 16	18 38	18 31	20 7		n.a.	W16
T 17	17 0	11 40	2 24	21 34	1 47	19 41	4 8	7 29	2 22	23 44	0 30	23 5	1 23	12 16	0 19	23 16	0 8	20 32	1 16	18 37	18 31	20 7		n.a.	T 17
F 18	16 42	15 4	1 25	21 10	1 49	19 48	4 1	7 36	2 22	23 44	0 30	23 5	1 23	12 17	0 18	23 16	0 8	20 32	1 16	18 37	18 30	20 8		n.a.	F 18
S 19	16 25	17 48	0 23	20 43	1 50	19 55	3 54	7 43	2 21	23 44	0 30	23 6	1 23	12 18	0 18	23 16	0 8	20 32	1 16	18 37	18 29	20 8		n.a.	S 19
S 20	16 7	19 46	0s40	20 15	1 51	20 1	3 47	7 51	2 21	23 44	0 30	23 7	1 23	12 18	0 18	23 16	0 8	20 32	1 16	18 37	18 28	20 8		n.a.	S 20
M21	15 49	20 52	1 41	19 45	1 51	20 7	3 41	7 57	2 20	23 44	0 30	23 8	1 23	12 19	0 18	23 16	0 8	20 32	1 16	18 36	18 27	20 9		n.a.	M21
T 22	15 30	21 2	2 37	19 13	1 50	20 13	3 34	8 4	2 20	23 44	0 30	23 8	1 23	12 19	0 18	23 16	0 8	20 32	1 16	18 36	18 26	20 9		n.a.	T 22
W23	15 12	20 14	3 28	18 40	1 49	20 18	3 27	8 11	2 19	23 44	0 30	23 9	1 23	12 20	0 18	23 15	0 8	20 33	1 16	18 34	18 26	20 10		n.a.	W23
T 24	14 53	18 29	4 10	18 6	1 47	20 23	3 21	8 17	2 19	23 44	0 30	23 10	1 23	12 20	0 18	23 15	0 8	20 33	1 16	18 32	18 25	20 10		n.a.	T 24
F 25	14 33	15 50	4 40	17 30	1 45	20 27	3 14	8 23	2 18	23 44	0 31	23 10	1 23	12 21	0 18	23 15	0 8	20 33	1 16	18 29	18 24	20 11		n.a.	F 25
S 26	14 14	12 22	4 57	16 53	1 42	20 32	3 7	8 29	2 17	23 44	0 31	23 11	1 23	12 22	0 18	23 15	0 8	20 33	1 16	18 26	18 23	20 11		n.a.	S 26
S 27	13 54	8 15	4 59	16 16	1 39	20 35	3 1	8 34	2 17	23 45	0 31	23 12	1 23	12 22	0 18	23 15	0 8	20 33	1 16	18 22	18 22	20 11		n.a.	S 27
M28	13 34	3 39	4 45	15 37	1 35	20 39	2 54	8 40	2 16	23 45	0 31	23 12	1 23	12 23	0 18	23 14	0 8	20 33	1 16	18 19	18 21	20 12		n.a.	M28
T 29	13 14	1s11	4 14	14 57	1 31	20 42	2 47	8 45	2 15	23 45	0 31	23 13	1 23	12 24	0 18	23 14	0 8	20 33	1 16	18 16	18 21	20 12		n.a.	T 29
W30	12 54	6 2	3 29	14 17	1 27	20 44	2 41	8 50	2 15	23 45	0 31	23 13	1 23	12 24	0 18	23 14	0 8	20 33	1 16	18 14	18 20	20 13		n.a.	W30
T 31	12n33	10s37	2s30	13n36	1n23	20n46	2s34	8n55	2s14	23s45	0s31	23s14	1s23	12s25	0n18	23n14	0n 8	20n33	1s16	18s12	18s19	20n13		n.a.	T 31

Julian Day Number = 1341410.5, Delta T = 07h15m25s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'19, Lahiri = -18°19'18 Julian Calendar 1 Aug. 1041 BCE == Greg. Calendar 22 July 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

SEPTEMBER 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 1 49	28♌25'38	4♏55	29♌51	12♋12	28♈21	17♐45	22°R39	3♏ 1	13♋44	6♊53	20°R38	21♏ 2	4♊46	n.a.	F 1
S 2	22 5 45	29°25'06	18°56	1♍34	13° 8	28°30	17°46	22♑36	3° 3	13°46	6°53	20°D38	20°59	4°52	n.a.	S 2
S 3	22 9 42	0♍24'35	3♐ 1	3°17	14° 6	28°39	17°48	22°33	3° 5	13°47	6°54	20°R38	20°56	4°59	n.a.	S 3
M 4	22 13 38	1°24'06	17° 9	4°58	15° 3	28°47	17°50	22°30	3° 8	13°49	6°54	20♏37	20°53	5° 6	n.a.	M 4
T 5	22 17 35	2°23'40	1♑17	6°39	16° 2	28°55	17°53	22°27	3°10	13°51	6°54	20°34	20°49	5°12	n.a.	T 5
W 6	22 21 31	3°23'15	15°26	8°19	17° 0	29° 1	17°55	22°24	3°12	13°52	6°55	20°29	20°46	5°19	n.a.	W 6
T 7	22 25 28	4°22'52	29°31	9°59	18° 0	29° 7	17°58	22°21	3°14	13°54	6°55	20°21	20°43	5°26	n.a.	T 7
F 8	22 29 24	5°22'31	13♒28	11°37	18°59	29°12	18° 0	22°18	3°17	13°55	6°55	20°11	20°40	5°32	n.a.	F 8
S 9	22 33 21	6°22'11	27°15	13°15	19°59	29°17	18° 3	22°16	3°19	13°57	6°55	19°59	20°37	5°39	n.a.	S 9
S 10	22 37 17	7°21'54	10♓47	14°53	21° 0	29°20	18° 7	22°13	3°21	13°58	6°55	19°47	20°33	5°46	n.a.	S 10
M11	22 41 14	8°21'39	24° 1	16°29	22° 1	29°23	18°10	22°11	3°24	14° 0	6°56	19°36	20°30	5°52	n.a.	M11
T 12	22 45 11	9°21'27	6♈55	18° 5	23° 2	29°24	18°14	22° 8	3°26	14° 1	6°56	19°27	20°27	5°59	n.a.	T 12
W13	22 49 7	10°21'16	19°30	19°41	24° 4	29°25	18°17	22° 6	3°29	14° 3	6°56	19°20	20°24	6° 5	n.a.	W13
T 14	22 53 4	11°21'08	1♉47	21°16	25° 6	29°R26	18°21	22° 4	3°31	14° 4	6°56	19°16	20°21	6°12	n.a.	T 14
F 15	22 57 0	12°21'02	13°51	22°50	26° 9	29°25	18°25	22° 2	3°34	14° 5	6°56	19°D15	20°18	6°19	n.a.	F 15
S 16	23 0 57	13°20'59	25°44	24°24	27°11	29°23	18°30	22° 0	3°37	14° 7	6°56	19°15	20°14	6°25	n.a.	S 16
S 17	23 4 53	14°20'57	7♊33	25°57	28°15	29°21	18°34	21°58	3°39	14° 8	6°R56	19°15	20°11	6°32	n.a.	S 17
M18	23 8 50	15°20'58	19°21	27°29	29°18	29°17	18°39	21°56	3°42	14° 9	6°56	19°R16	20° 8	6°39	n.a.	M18
T 19	23 12 46	16°21'02	1♋16	29° 1	0♌22	29°13	18°44	21°54	3°45	14°11	6°56	19°14	20° 5	6°45	n.a.	T 19
W20	23 16 43	17°21'08	13°22	0♎33	1°26	29° 8	18°49	21°53	3°48	14°12	6°56	19°11	20° 2	6°52	n.a.	W20
T 21	23 20 39	18°21'16	25°44	2° 4	2°31	29° 2	18°54	21°51	3°50	14°13	6°56	19° 5	19°59	6°59	n.a.	T 21
F 22	23 24 36	19°21'26	8♌25	3°34	3°36	28°55	18°59	21°50	3°53	14°14	6°56	18°57	19°55	7° 5	n.a.	F 22
S 23	23 28 33	20°21'38	21°27	5° 4	4°41	28°47	19° 5	21°48	3°56	14°15	6°56	18°47	19°52	7°12	n.a.	S 23
S 24	23 32 29	21°21'52	4♍50	6°33	5°46	28°38	19°11	21°47	3°59	14°16	6°55	18°37	19°49	7°19	n.a.	S 24
M25	23 36 26	22°22'09	18°34	8° 2	6°52	28°28	19°17	21°46	4° 2	14°18	6°55	18°27	19°46	7°25	n.a.	M25
T 26	23 40 22	23°22'27	2♎34	9°31	7°58	28°18	19°23	21°45	4° 5	14°19	6°55	18°19	19°43	7°32	n.a.	T 26
W27	23 44 19	24°22'47	16°46	10°58	9° 4	28° 6	19°29	21°44	4° 8	14°20	6°55	18°12	19°39	7°39	n.a.	W27
T 28	23 48 15	25°23'09	1♏ 5	12°26	10°11	27°54	19°35	21°43	4°11	14°21	6°55	18° 9	19°36	7°45	n.a.	T 28
F 29	23 52 12	26°23'33	15°26	13°52	11°18	27°41	19°42	21°42	4°14	14°22	6°54	18°D 8	19°33	7°52	n.a.	F 29
S 30	23 56 8	27♍23'58	29♏45	15♎18	12♌25	27♈27	19♐48	21♑42	4♏17	14♋22	6♊54	18♏ 8	19♏30	7♊59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n12	14s39	1s22	12n55	1n18	20n48	2s28	8n59	2s13	23s45	0s31	23s14	1s23	12s26	0n18	23n14	0n 8	20n34	1s16	18s12	18s18	20n13		n.a.
S 2	11 51	17 52	0 9	12 13	1 13	20 49	2 21	9 3	2 12	23 45	0 31	23 15	1 23	12 26	0 18	23 14	0 8	20 34	1 16	18 11	18 17	20 14		n.a.
S 3	11 30	20 2	1n 5	11 30	1 7	20 50	2 15	9 7	2 11	23 46	0 31	23 16	1 23	12 27	0 18	23 13	0 8	20 34	1 16	18 11	18 16	20 14		n.a.
M 4	11 9	20 56	2 16	10 47	1 2	20 50	2 8	9 11	2 10	23 46	0 31	23 16	1 23	12 28	0 18	23 13	0 8	20 34	1 16	18 11	18 15	20 14		n.a.
T 5	10 47	20 31	3 18	10 4	0 56	20 49	2 2	9 15	2 10	23 46	0 31	23 17	1 23	12 29	0 18	23 13	0 8	20 34	1 16	18 11	18 15	20 15		n.a.
W 6	10 25	18 49	4 8	9 21	0 50	20 48	1 56	9 18	2 9	23 46	0 31	23 17	1 23	12 30	0 18	23 13	0 8	20 34	1 16	18 9	18 14	20 15		n.a.
T 7	10 3	15 59	4 42	8 37	0 44	20 47	1 49	9 21	2 8	23 47	0 31	23 17	1 23	12 30	0 18	23 13	0 8	20 34	1 15	18 7	18 13	20 15		n.a.
F 8	9 41	12 16	4 59	7 54	0 38	20 45	1 43	9 24	2 6	23 47	0 31	23 18	1 23	12 31	0 18	23 13	0 8	20 34	1 15	18 4	18 12	20 16		n.a.
S 9	9 19	7 56	4 59	7 10	0 31	20 42	1 37	9 26	2 5	23 47	0 31	23 18	1 23	12 32	0 18	23 13	0 8	20 34	1 15	18 1	18 11	20 16		n.a.
S 10	8 56	3 18	4 42	6 26	0 25	20 39	1 31	9 29	2 4	23 48	0 31	23 19	1 23	12 33	0 18	23 12	0 8	20 34	1 15	17 58	18 10	20 16		n.a.
M11	8 34	1n24	4 10	5 42	0 18	20 36	1 25	9 31	2 3	23 48	0 31	23 19	1 23	12 34	0 18	23 12	0 8	20 34	1 15	17 55	18 9	20 17		n.a.
T 12	8 11	5 55	3 25	4 58	0 12	20 31	1 19	9 32	2 2	23 48	0 31	23 19	1 23	12 35	0 18	23 12	0 8	20 34	1 15	17 52	18 9	20 17		n.a.
W13	7 48	10 5	2 31	4 14	0 5	20 27	1 13	9 34	2 1	23 49	0 31	23 20	1 23	12 36	0 18	23 12	0 8	20 34	1 15	17 50	18 8	20 17		n.a.
T 14	7 25	13 43	1 32	3 30	0s 1	20 21	1 7	9 35	1 59	23 49	0 31	23 20	1 23	12 36	0 18	23 12	0 8	20 34	1 15	17 49	18 7	20 18		n.a.
F 15	7 2	16 42	0 29	2 46	0 8	20 15	1 1	9 36	1 58	23 49	0 31	23 20	1 23	12 37	0 18	23 12	0 8	20 34	1 15	17 49	18 6	20 18		n.a.
S 16	6 39	18 56	0s35	2 2	0 15	20 9	0 55	9 37	1 57	23 50	0 31	23 21	1 22	12 38	0 18	23 12	0 8	20 35	1 15	17 49	18 5	20 18		n.a.
S 17	6 15	20 20	1 36	1 18	0 22	20 2	0 50	9 37	1 55	23 50	0 31	23 21	1 22	12 39	0 18	23 12	0 8	20 35	1 15	17 49	18 4	20 19		n.a.
M18	5 52	20 50	2 34	0 35	0 28	19 54	0 44	9 38	1 54	23 51	0 31	23 21	1 22	12 40	0 18	23 11	0 8	20 35	1 15	17 49	18 3	20 19		n.a.
T 19	5 28	20 24	3 25	0s 8	0 35	19 46	0 38	9 37	1 52	23 51	0 31	23 22	1 22	12 41	0 18	23 11	0 8	20 35	1 15	17 49	18 3	20 19		n.a.
W20	5 4	19 1	4 8	0 52	0 42	19 37	0 33	9 37	1 50	23 52	0 31	23 22	1 22	12 42	0 18	23 11	0 8	20 35	1 15	17 48	18 2	20 20		n.a.
T 21	4 41	16 44	4 40	1 34	0 49	19 28	0 28	9 36	1 49	23 52	0 32	23 22	1 22	12 43	0 18	23 11	0 8	20 35	1 15	17 46	18 1	20 20		n.a.
F 22	4 17	13 37	5 0	2 17	0 55	19 18	0 22	9 36	1 47	23 53	0 32	23 22	1 22	12 44	0 18	23 11	0 8	20 35	1 15	17 44	18 0	20 20		n.a.
S 23	3 53	9 46	5 5	2 59	1 2	19 7	0 17	9 34	1 45	23 53	0 32	23 22	1 22	12 45	0 18	23 11	0 8	20 35	1 15	17 41	17 59	20 20		n.a.
S 24	3 29	5 21	4 53	3 41	1 8	18 56	0 12	9 33	1 44	23 54	0 32	23 22	1 22	12 46	0 18	23 11	0 8	20 35	1 15	17 38	17 58	20 21		n.a.
M25	3 4	0 33	4 24	4 23	1 15	18 44	0 7	9 31	1 42	23 54	0 32	23 23	1 22	12 47	0 18	23 11	0 8	20 35	1 15	17 35	17 57	20 21		n.a.
T 26	2 40	4s23	3 39	5 4	1 21	18 32	0 2	9 29	1 40	23 55	0 32	23 23	1 22	12 48	0 18	23 11	0 8	20 35	1 15	17 33	17 56	20 21		n.a.
W27	2 16	9 9	2 40	5 44	1 27	18 19	0n 3	9 27	1 38	23 55	0 32	23 23	1 22	12 49	0 18	23 10	0 8	20 35	1 15	17 31	17 56	20 22		n.a.
T 28	1 52	13 27	1 30	6 25	1 33	18 6	0 8	9 24	1 36	23 56	0 32	23 23	1 22	12 50	0 18	23 10	0 9	20 35	1 15	17 30	17 55	20 22		n.a.
F 29	1 27	16 57	0 14	7 4	1 39	17 52	0 13	9 22	1 34	23 56	0 32	23 23	1 22	12 51	0 18	23 10	0 9	20 35	1 15	17 30	17 54	20 22		n.a.
S 30	1n 3	19s24	1n 2	7s44	1s45	17n37	0n17	9n19	1s32	23s57	0s32	23s23	1s22	12s52	0n18	23n10	0n 9	20n35	1s15	17s30	17s53	20n22		n.a.

Julian Day Number = 1341441.5, Delta T = 07h15m24s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'14, Lahiri = -18°19'14 Julian Calendar 1 Sept. 1041 BCE == Greg. Calendar 22 Aug. 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

OCTOBER 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 5	28♍24'25	13♐59	16♎43	13♌32	27°R13	19♐55	21°R41	4♏20	14♋23	6°R54	18♏ 9	19♏27	8♊ 5	n.a.	S 1
M 2	0 4 2	29°24'53	28° 7	18° 8	14°39	26♈57	20° 2	21♑41	4°23	14°24	6♊53	18°R10	19°24	8°12	n.a.	M 2
T 3	0 7 58	0♎25'23	12♑ 7	19°32	15°47	26°41	20°10	21°41	4°27	14°25	6°53	18° 9	19°20	8°19	n.a.	T 3
W 4	0 11 55	1°25'55	25°58	20°54	16°55	26°24	20°17	21°41	4°30	14°26	6°53	18° 6	19°17	8°25	n.a.	W 4
T 5	0 15 51	2°26'27	9♒41	22°16	18° 3	26° 7	20°24	21°D40	4°33	14°27	6°52	18° 2	19°14	8°32	n.a.	T 5
F 6	0 19 48	3°27'01	23°12	23°37	19°11	25°49	20°32	21°40	4°36	14°27	6°52	17°55	19°11	8°38	n.a.	F 6
S 7	0 23 44	4°27'37	6♓33	24°57	20°19	25°30	20°40	21°41	4°40	14°28	6°51	17°48	19° 8	8°45	n.a.	S 7
S 8	0 27 41	5°28'14	19°40	26°15	21°28	25°10	20°48	21°41	4°43	14°29	6°51	17°40	19° 4	8°52	n.a.	S 8
M 9	0 31 37	6°28'52	2♈33	27°33	22°37	24°50	20°56	21°41	4°46	14°29	6°50	17°33	19° 1	8°58	n.a.	M 9
T 10	0 35 34	7°29'33	15°11	28°48	23°46	24°30	21° 4	21°42	4°50	14°30	6°50	17°27	18°58	9° 5	n.a.	T 10
W11	0 39 30	8°30'14	27°35	0♏ 2	24°55	24° 9	21°12	21°42	4°53	14°30	6°49	17°23	18°55	9°12	n.a.	W11
T 12	0 43 27	9°30'58	9♉46	1°13	26° 5	23°48	21°21	21°43	4°56	14°31	6°48	17°21	18°52	9°18	n.a.	T 12
F 13	0 47 24	10°31'43	21°46	2°23	27°14	23°26	21°30	21°44	5° 0	14°31	6°48	17°D21	18°49	9°25	n.a.	F 13
S 14	0 51 20	11°32'30	3♊38	3°29	28°24	23° 4	21°38	21°45	5° 3	14°32	6°47	17°22	18°45	9°32	n.a.	S 14
S 15	0 55 17	12°33'18	15°26	4°33	29°34	22°41	21°47	21°46	5° 7	14°32	6°47	17°24	18°42	9°38	n.a.	S 15
M16	0 59 13	13°34'08	27°14	5°34	0♍44	22°18	21°56	21°47	5°10	14°33	6°46	17°25	18°39	9°45	n.a.	M16
T 17	1 3 10	14°35'00	9♋ 8	6°30	1°54	21°55	22° 6	21°48	5°14	14°33	6°45	17°R27	18°36	9°52	n.a.	T 17
W18	1 7 6	15°35'53	21°13	7°23	3° 5	21°32	22°15	21°49	5°17	14°33	6°44	17°27	18°33	9°58	n.a.	W18
T 19	1 11 3	16°36'48	3♌32	8°10	4°15	21° 9	22°24	21°51	5°21	14°34	6°44	17°25	18°30	10° 5	n.a.	T 19
F 20	1 14 59	17°37'45	16°12	8°52	5°26	20°46	22°34	21°52	5°24	14°34	6°43	17°22	18°26	10°12	n.a.	F 20
S 21	1 18 56	18°38'43	29°15	9°28	6°37	20°23	22°44	21°54	5°28	14°34	6°42	17°19	18°23	10°18	n.a.	S 21
S 22	1 22 53	19°39'42	12♍44	9°57	7°48	20° 0	22°53	21°55	5°31	14°34	6°41	17°14	18°20	10°25	n.a.	S 22
M23	1 26 49	20°40'43	26°37	10°17	8°59	19°36	23° 3	21°57	5°35	14°35	6°41	17°10	18°17	10°32	n.a.	M23
T 24	1 30 46	21°41'45	10♎53	10°30	10°10	19°13	23°13	21°59	5°39	14°35	6°40	17° 6	18°14	10°38	n.a.	T 24
W25	1 34 42	22°42'49	25°27	10°R33	11°21	18°51	23°24	22° 1	5°42	14°35	6°39	17° 4	18°10	10°45	n.a.	W25
T 26	1 38 39	23°43'53	10♏12	10°25	12°33	18°28	23°34	22° 3	5°46	14°35	6°38	17°D 2	18° 7	10°52	n.a.	T 26
F 27	1 42 35	24°44'59	25° 0	10° 7	13°45	18° 6	23°44	22° 6	5°49	14°R35	6°37	17° 2	18° 4	10°58	n.a.	F 27
S 28	1 46 32	25°46'05	9♐45	9°38	14°56	17°44	23°55	22° 8	5°53	14°35	6°36	17° 3	18° 1	11° 5	n.a.	S 28
S 29	1 50 28	26°47'12	24°21	8°57	16° 8	17°23	24° 5	22°10	5°57	14°35	6°35	17° 5	17°58	11°12	n.a.	S 29
M30	1 54 25	27°48'20	8♑43	8° 6	17°20	17° 2	24°16	22°13	6° 0	14°35	6°34	17° 6	17°55	11°18	n.a.	M30
T 31	1 58 22	28♎49'28	22♑49	7♏ 5	18♍32	16♈41	24♐27	22♑16	6♏ 4	14♋35	6♊33	17°R 7	17♏51	11♊25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	0n39	20s36	2n15	8s22	1s51	17n22	0n22	9n15	1s29	23s57	0s32	23s23	1s22	12s54	0n18	23n10	0n 9	20n35	1s15	17s30	17s52	20n23			n.a.
M 2	0 14	20 30	3 19	9 0	1 56	17 7	0 26	9 12	1 27	23 58	0 32	23 23	1 22	12 55	0 18	23 10	0 9	20 35	1 15	17 31	17 51	20 23			n.a.
T 3	0s10	19 6	4 10	9 37	2 1	16 51	0 31	9 8	1 25	23 59	0 32	23 23	1 22	12 56	0 18	23 10	0 9	20 35	1 15	17 30	17 50	20 23			n.a.
W 4	0 35	16 36	4 46	10 14	2 6	16 34	0 35	9 4	1 23	23 59	0 32	23 23	1 22	12 57	0 17	23 10	0 9	20 35	1 15	17 30	17 49	20 23			n.a.
T 5	0 59	13 12	5 5	10 49	2 11	16 17	0 39	9 0	1 20	24 0	0 32	23 23	1 21	12 58	0 17	23 10	0 9	20 34	1 15	17 28	17 49	20 23			n.a.
F 6	1 24	9 10	5 7	11 24	2 15	15 59	0 43	8 55	1 18	24 0	0 32	23 23	1 21	12 59	0 17	23 10	0 9	20 34	1 15	17 26	17 48	20 24			n.a.
S 7	1 48	4 44	4 53	11 58	2 19	15 41	0 47	8 51	1 15	24 1	0 32	23 23	1 21	13 0	0 17	23 10	0 9	20 34	1 15	17 24	17 47	20 24			n.a.
S 8	2 12	0 9	4 22	12 30	2 23	15 22	0 51	8 46	1 13	24 1	0 32	23 23	1 21	13 1	0 17	23 10	0 9	20 34	1 14	17 22	17 46	20 24			n.a.
M 9	2 37	4n22	3 39	13 2	2 26	15 3	0 55	8 41	1 10	24 2	0 32	23 23	1 21	13 3	0 17	23 10	0 9	20 34	1 14	17 20	17 45	20 24			n.a.
T 10	3 1	8 37	2 46	13 32	2 29	14 44	0 58	8 36	1 8	24 3	0 32	23 22	1 21	13 4	0 17	23 10	0 9	20 34	1 14	17 18	17 44	20 25			n.a.
W11	3 25	12 25	1 46	14 1	2 32	14 23	1 2	8 30	1 5	24 3	0 32	23 22	1 21	13 5	0 17	23 9	0 9	20 34	1 14	17 17	17 43	20 25			n.a.
T 12	3 50	15 37	0 41	14 29	2 34	14 3	1 5	8 25	1 2	24 4	0 32	23 22	1 21	13 6	0 17	23 9	0 9	20 34	1 14	17 17	17 42	20 25			n.a.
F 13	4 14	18 6	0s24	14 55	2 35	13 42	1 9	8 19	1 0	24 4	0 32	23 22	1 21	13 7	0 17	23 9	0 9	20 34	1 14	17 17	17 41	20 25			n.a.
S 14	4 38	19 46	1 28	15 19	2 36	13 20	1 12	8 13	0 57	24 5	0 32	23 22	1 21	13 8	0 17	23 9	0 9	20 34	1 14	17 17	17 41	20 25			n.a.
S 15	5 2	20 34	2 28	15 41	2 36	12 58	1 15	8 7	0 54	24 6	0 32	23 21	1 21	13 10	0 17	23 9	0 9	20 34	1 14	17 17	17 40	20 25			n.a.
M16	5 26	20 26	3 21	16 2	2 36	12 36	1 18	8 1	0 51	24 6	0 32	23 21	1 21	13 11	0 17	23 9	0 9	20 34	1 14	17 18	17 39	20 26			n.a.
T 17	5 50	19 24	4 6	16 20	2 35	12 13	1 21	7 55	0 49	24 7	0 32	23 21	1 21	13 12	0 17	23 9	0 9	20 34	1 14	17 18	17 38	20 26			n.a.
W18	6 14	17 29	4 42	16 35	2 32	11 50	1 24	7 49	0 46	24 7	0 32	23 21	1 21	13 13	0 17	23 9	0 9	20 34	1 14	17 18	17 37	20 26			n.a.
T 19	6 38	14 44	5 5	16 48	2 29	11 27	1 27	7 43	0 43	24 8	0 32	23 20	1 21	13 14	0 17	23 9	0 9	20 34	1 14	17 18	17 36	20 26			n.a.
F 20	7 2	11 15	5 14	16 58	2 25	11 3	1 29	7 37	0 40	24 9	0 32	23 20	1 21	13 16	0 17	23 9	0 9	20 33	1 14	17 17	17 35	20 26			n.a.
S 21	7 25	7 7	5 7	17 5	2 20	10 39	1 32	7 31	0 37	24 9	0 32	23 20	1 20	13 17	0 17	23 9	0 9	20 33	1 14	17 16	17 34	20 27			n.a.
S 22	7 49	2 32	4 43	17 8	2 13	10 14	1 34	7 24	0 34	24 10	0 32	23 19	1 20	13 18	0 17	23 9	0 9	20 33	1 14	17 15	17 33	20 27			n.a.
M23	8 12	2s20	4 3	17 7	2 5	9 49	1 37	7 18	0 31	24 10	0 32	23 19	1 20	13 19	0 17	23 9	0 9	20 33	1 14	17 13	17 33	20 27			n.a.
T 24	8 35	7 13	3 6	17 2	1 56	9 24	1 39	7 12	0 29	24 11	0 32	23 19	1 20	13 20	0 17	23 9	0 9	20 33	1 14	17 12	17 32	20 27			n.a.
W25	8 58	11 47	1 56	16 53	1 45	8 58	1 41	7 6	0 26	24 11	0 32	23 18	1 20	13 22	0 17	23 9	0 9	20 33	1 14	17 12	17 31	20 27			n.a.
T 26	9 21	15 42	0 38	16 38	1 33	8 32	1 43	7 0	0 23	24 12	0 33	23 18	1 20	13 23	0 17	23 9	0 9	20 33	1 14	17 11	17 30	20 27			n.a.
F 27	9 44	18 37	0n44	16 19	1 18	8 6	1 45	6 54	0 20	24 13	0 33	23 17	1 20	13 24	0 17	23 9	0 9	20 33	1 14	17 11	17 29	20 27			n.a.
S 28	10 7	20 15	2 2	15 55	1 3	7 40	1 47	6 48	0 17	24 13	0 33	23 17	1 20	13 25	0 17	23 9	0 9	20 33	1 14	17 12	17 28	20 27			n.a.
S 29	10 29	20 30	3 12	15 26	0 46	7 13	1 48	6 42	0 14	24 14	0 33	23 16	1 20	13 27	0 17	23 9	0 9	20 33	1 14	17 12	17 27	20 28			n.a.
M30	10 51	19 24	4 8	14 51	0 27	6 46	1 50	6 37	0 12	24 14	0 33	23 16	1 20	13 28	0 17	23 9	0 9	20 32	1 14	17 12	17 26	20 28			n.a.
T 31	11s14	17s 7	4n49	14s13	0s 8	6n19	1n51	6n31	0s 9	24s15	0s33	23s15	1s20	13s29	0n17	23n 9	0n 9	20n32	1s14	17s13	17s25	20n28			n.a.

Julian Day Number = 1341471.5, Delta T = 07h15m22s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'10, Lahiri = -18°19'10 Julian Calendar 1 Oct. 1041 BCE == Greg. Calendar 21 Sept. 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

NOVEMBER 1041 BCE (-1040) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 2 18	29♎50'37	6♒37	5°R55	19♍44	16°R21	24♐38	22♑18	6♏ 8	14°R34	6°R32	17°R 7	17♏48	11♊32	n.a.	W 1
T 2	2 6 15	0♏51'47	20° 7	4♏38	20°56	16♈ 2	24°49	22°21	6°11	14♋34	6♊32	17♏ 6	17°45	11°38	n.a.	T 2
F 3	2 10 11	1°52'56	3♓21	3°16	22° 8	15°43	25° 0	22°24	6°15	14°34	6°31	17° 4	17°42	11°45	n.a.	F 3
S 4	2 14 8	2°54'07	16°20	1°54	23°21	15°25	25°11	22°27	6°19	14°34	6°29	17° 2	17°39	11°52	n.a.	S 4
S 5	2 18 4	3°55'18	29° 5	0°32	24°33	15° 7	25°23	22°30	6°22	14°33	6°28	17° 0	17°35	11°58	n.a.	S 5
M 6	2 22 1	4°56'29	11♈36	29♎14	25°46	14°51	25°34	22°34	6°26	14°33	6°27	16°58	17°32	12° 5	n.a.	M 6
T 7	2 25 57	5°57'41	23°57	28° 2	26°58	14°34	25°46	22°37	6°30	14°33	6°26	16°57	17°29	12°11	n.a.	T 7
W 8	2 29 54	6°58'54	6♉ 7	26°59	28°11	14°19	25°57	22°40	6°33	14°32	6°25	16°56	17°26	12°18	n.a.	W 8
T 9	2 33 51	8° 0'07	18° 9	26° 5	29°24	14° 4	26° 9	22°44	6°37	14°32	6°24	16°D56	17°23	12°25	n.a.	T 9
F 10	2 37 47	9° 1'20	0♊ 3	25°22	0♎36	13°50	26°21	22°47	6°41	14°31	6°23	16°56	17°20	12°31	n.a.	F 10
S 11	2 41 44	10° 2'35	11°53	24°50	1°49	13°37	26°33	22°51	6°44	14°31	6°22	16°57	17°16	12°38	n.a.	S 11
S 12	2 45 40	11° 3'50	23°41	24°29	3° 2	13°25	26°45	22°55	6°48	14°30	6°21	16°58	17°13	12°45	n.a.	S 12
M13	2 49 37	12° 5'05	5♋30	24°19	4°15	13°13	26°57	22°59	6°52	14°30	6°20	16°58	17°10	12°51	n.a.	M13
T 14	2 53 33	13° 6'21	17°24	24°D19	5°29	13° 2	27° 9	23° 3	6°55	14°29	6°19	16°59	17° 7	12°58	n.a.	T 14
W15	2 57 30	14° 7'38	29°27	24°28	6°42	12°52	27°21	23° 7	6°59	14°29	6°17	16°59	17° 4	13° 5	n.a.	W15
T 16	3 1 27	15° 8'55	11♌43	24°46	7°55	12°43	27°33	23°11	7° 3	14°28	6°16	16°R59	17° 1	13°11	n.a.	T 16
F 17	3 5 23	16°10'13	24°18	25°12	9° 8	12°34	27°46	23°15	7° 6	14°27	6°15	16°59	16°57	13°18	n.a.	F 17
S 18	3 9 20	17°11'31	7♍14	25°44	10°22	12°27	27°58	23°19	7°10	14°27	6°14	16°D59	16°54	13°25	n.a.	S 18
S 19	3 13 16	18°12'49	20°36	26°23	11°35	12°20	28°11	23°24	7°14	14°26	6°13	16°59	16°51	13°31	n.a.	S 19
M20	3 17 13	19°14'08	4♎25	27° 8	12°49	12°14	28°23	23°28	7°17	14°25	6°11	16°59	16°48	13°38	n.a.	M20
T 21	3 21 9	20°15'27	18°40	27°58	14° 2	12° 9	28°36	23°33	7°21	14°24	6°10	17° 0	16°45	13°45	n.a.	T 21
W22	3 25 6	21°16'47	3♏20	28°52	15°16	12° 5	28°49	23°38	7°24	14°23	6° 9	17° 0	16°41	13°51	n.a.	W22
T 23	3 29 2	22°18'07	18°18	29°51	16°29	12° 1	29° 2	23°42	7°28	14°23	6° 8	17°R 0	16°38	13°58	n.a.	T 23
F 24	3 32 59	23°19'26	3♐26	0♏52	17°43	11°59	29°15	23°47	7°32	14°22	6° 7	17° 0	16°35	14° 5	n.a.	F 24
S 25	3 36 56	24°20'46	18°35	1°57	18°57	11°57	29°28	23°52	7°35	14°21	6° 5	16°59	16°32	14°11	n.a.	S 25
S 26	3 40 52	25°22'05	3♑35	3° 5	20°10	11°56	29°41	23°57	7°39	14°20	6° 4	16°58	16°29	14°18	n.a.	S 26
M27	3 44 49	26°23'24	18°19	4°15	21°24	11°D55	29°54	24° 2	7°42	14°19	6° 3	16°57	16°26	14°25	n.a.	M27
T 28	3 48 45	27°24'43	2♒41	5°27	22°38	11°56	0♑ 7	24° 7	7°46	14°18	6° 2	16°56	16°22	14°31	n.a.	T 28
W29	3 52 42	28°26'00	16°39	6°41	23°52	11°57	0°20	24°12	7°49	14°17	6° 0	16°55	16°19	14°38	n.a.	W29
T 30	3 56 38	29♏27'18	0♓11	7♏57	25♎ 5	11♈59	0♑33	24♑17	7♏53	14♋16	5♊59	16°D55	16♏16	14♊45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s36	13s54	5n11	13s30	0n13	5n51	1n53	6n26	0s 6	24s15	0s33	23s15	1s20	13s30	0n17	23n 9	0n 9	20n32	1s14	17s13	17s24	20n28		n.a.
T 2	11 57	10 1	5 16	12 45	0 33	5 23	1 54	6 21	0 3	24 16	0 33	23 14	1 20	13 32	0 17	23 9	0 9	20 32	1 14	17 12	17 24	20 28		n.a.
F 3	12 19	5 43	5 4	11 58	0 54	4 56	1 55	6 16	0 1	24 16	0 33	23 14	1 20	13 33	0 17	23 10	0 9	20 32	1 13	17 12	17 23	20 28		n.a.
S 4	12 40	1 15	4 36	11 10	1 13	4 27	1 56	6 11	0n 2	24 17	0 33	23 13	1 20	13 34	0 17	23 10	0 9	20 32	1 13	17 11	17 22	20 28		n.a.
S 5	13 1	3n13	3 55	10 24	1 32	3 59	1 57	6 7	0 4	24 17	0 33	23 13	1 20	13 35	0 17	23 10	0 9	20 32	1 13	17 11	17 21	20 28		n.a.
M 6	13 22	7 28	3 4	9 41	1 49	3 31	1 58	6 3	0 7	24 17	0 33	23 12	1 19	13 36	0 17	23 10	0 9	20 31	1 13	17 10	17 20	20 28		n.a.
T 7	13 43	11 21	2 4	9 1	2 4	3 2	1 59	5 59	0 10	24 18	0 33	23 11	1 19	13 38	0 17	23 10	0 9	20 31	1 13	17 10	17 19	20 28		n.a.
W 8	14 4	14 42	1 0	8 26	2 17	2 33	2 0	5 55	0 12	24 18	0 33	23 11	1 19	13 39	0 17	23 10	0 9	20 31	1 13	17 10	17 18	20 29		n.a.
T 9	14 24	17 24	0s 7	7 56	2 28	2 5	2 0	5 51	0 14	24 19	0 33	23 10	1 19	13 40	0 17	23 10	0 9	20 31	1 13	17 10	17 17	20 29		n.a.
F 10	14 44	19 18	1 12	7 32	2 37	1 36	2 1	5 48	0 17	24 19	0 33	23 10	1 19	13 41	0 17	23 10	0 9	20 31	1 13	17 10	17 16	20 29		n.a.
S 11	15 4	20 21	2 14	7 14	2 43	1 6	2 1	5 45	0 19	24 19	0 33	23 9	1 19	13 43	0 17	23 10	0 9	20 31	1 13	17 10	17 15	20 29		n.a.
S 12	15 23	20 30	3 11	7 2	2 48	0 37	2 1	5 42	0 22	24 20	0 33	23 8	1 19	13 44	0 17	23 10	0 9	20 31	1 13	17 10	17 14	20 29		n.a.
M13	15 42	19 44	3 59	6 56	2 50	0 8	2 1	5 40	0 24	24 20	0 33	23 7	1 19	13 45	0 17	23 10	0 9	20 30	1 13	17 10	17 14	20 29		n.a.
T 14	16 1	18 5	4 37	6 55	2 51	0s21	2 1	5 37	0 26	24 20	0 33	23 7	1 19	13 46	0 17	23 10	0 9	20 30	1 13	17 10	17 13	20 29		n.a.
W15	16 20	15 39	5 3	6 59	2 51	0 51	2 1	5 35	0 28	24 21	0 33	23 6	1 19	13 48	0 17	23 10	0 9	20 30	1 13	17 10	17 12	20 29		n.a.
T 16	16 38	12 28	5 17	7 7	2 50	1 20	2 1	5 34	0 30	24 21	0 33	23 5	1 19	13 49	0 17	23 10	0 9	20 30	1 13	17 10	17 11	20 29		n.a.
F 17	16 56	8 40	5 16	7 19	2 47	1 50	2 1	5 32	0 32	24 21	0 33	23 4	1 19	13 50	0 17	23 10	0 9	20 30	1 13	17 10	17 10	20 29		n.a.
S 18	17 14	4 23	4 59	7 34	2 43	2 19	2 1	5 31	0 34	24 22	0 33	23 4	1 19	13 51	0 17	23 11	0 9	20 30	1 13	17 10	17 9	20 29		n.a.
S 19	17 31	0s16	4 25	7 53	2 39	2 49	2 0	5 30	0 36	24 22	0 33	23 3	1 19	13 52	0 17	23 11	0 9	20 30	1 13	17 10	17 8	20 29		n.a.
M20	17 49	5 4	3 36	8 14	2 34	3 18	2 0	5 30	0 38	24 22	0 34	23 2	1 19	13 54	0 17	23 11	0 9	20 29	1 13	17 10	17 7	20 29		n.a.
T 21	18 5	9 45	2 31	8 37	2 28	3 47	1 59	5 29	0 40	24 22	0 34	23 1	1 19	13 55	0 17	23 11	0 9	20 29	1 13	17 11	17 6	20 29		n.a.
W22	18 22	14 0	1 15	9 2	2 22	4 17	1 59	5 29	0 42	24 22	0 34	23 0	1 19	13 56	0 17	23 11	0 9	20 29	1 13	17 11	17 5	20 29		n.a.
T 23	18 38	17 26	0n 7	9 29	2 16	4 46	1 58	5 30	0 44	24 22	0 34	22 59	1 19	13 57	0 17	23 11	0 9	20 29	1 12	17 11	17 4	20 29		n.a.
F 24	18 54	19 42	1 30	9 57	2 9	5 15	1 57	5 30	0 45	24 23	0 34	22 58	1 19	13 58	0 17	23 11	0 10	20 29	1 12	17 11	17 3	20 29		n.a.
S 25	19 9	20 33	2 47	10 26	2 2	5 45	1 56	5 31	0 47	24 23	0 34	22 58	1 18	14 0	0 17	23 11	0 10	20 29	1 12	17 10	17 3	20 29		n.a.
S 26	19 24	19 55	3 51	10 57	1 54	6 14	1 55	5 32	0 49	24 23	0 34	22 57	1 18	14 1	0 17	23 11	0 10	20 28	1 12	17 10	17 2	20 29		n.a.
M27	19 39	17 56	4 39	11 28	1 47	6 43	1 54	5 33	0 50	24 23	0 34	22 56	1 18	14 2	0 17	23 12	0 10	20 28	1 12	17 10	17 1	20 29		n.a.
T 28	19 53	14 53	5 8	11 59	1 39	7 12	1 53	5 35	0 52	24 23	0 34	22 55	1 18	14 3	0 17	23 12	0 10	20 28	1 12	17 10	17 0	20 29		n.a.
W29	20 7	11 3	5 17	12 32	1 31	7 40	1 52	5 37	0 53	24 23	0 34	22 54	1 18	14 4	0 17	23 12	0 10	20 28	1 12	17 9	16 59	20 29		n.a.
T 30	20s21	6s46	5n 9	13s 4	1n23	8s 9	1n51	5n39	0n55	24s23	0s34	22s53	1s18	14s 5	0n17	23n12	0n10	20n28	1s12	17s 9	16s58	20n29		n.a.

Julian Day Number = 1341502.5, Delta T = 07h15m21s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'06, Lahiri = -18°19'06 Julian Calendar 1 Nov. 1041 BCE == Greg. Calendar 22 Oct. 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1041 BCE
geocentric

DECEMBER 1041 BCE (-1040) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 0 35	0♐28'34	13♓20	9♏14	26♎19	12♈ 2	0♑47	24♑23	7♏56	14°R15	5°R58	16♏56	16♏13	14♊51	n.a.	F 1
S 2	4 4 32	1°29'50	26° 8	10°33	27°33	12° 6	1° 0	24°28	8° 0	14♋13	5♊56	16°56	16°10	14°58	n.a.	S 2
S 3	4 8 28	2°31'05	8♈38	11°53	28°47	12°10	1°13	24°34	8° 3	14°12	5°55	16°58	16° 7	15° 5	n.a.	S 3
M 4	4 12 25	3°32'20	20°55	13°14	0♏ 1	12°15	1°27	24°39	8° 6	14°11	5°54	16°59	16° 3	15°11	n.a.	M 4
T 5	4 16 21	4°33'33	3♉ 1	14°36	1°15	12°21	1°40	24°45	8°10	14°10	5°53	17° 0	16° 0	15°18	n.a.	T 5
W 6	4 20 18	5°34'47	14°59	15°59	2°29	12°27	1°54	24°50	8°13	14° 9	5°51	17°R 1	15°57	15°25	n.a.	W 6
T 7	4 24 14	6°35'59	26°52	17°23	3°43	12°34	2° 8	24°56	8°17	14° 7	5°50	17° 1	15°54	15°31	n.a.	T 7
F 8	4 28 11	7°37'11	8♊42	18°48	4°57	12°42	2°21	25° 2	8°20	14° 6	5°49	16°59	15°51	15°38	n.a.	F 8
S 9	4 32 7	8°38'23	20°31	20°14	6°11	12°50	2°35	25° 8	8°23	14° 5	5°48	16°57	15°47	15°45	n.a.	S 9
S 10	4 36 4	9°39'33	2♋21	21°40	7°25	12°59	2°49	25°14	8°27	14° 4	5°46	16°53	15°44	15°51	n.a.	S 10
M11	4 40 1	10°40'43	14°14	23° 8	8°39	13° 9	3° 2	25°20	8°30	14° 2	5°45	16°49	15°41	15°58	n.a.	M11
T 12	4 43 57	11°41'53	26°12	24°36	9°54	13°19	3°16	25°26	8°33	14° 1	5°44	16°45	15°38	16° 5	n.a.	T 12
W13	4 47 54	12°43'02	8♌18	26° 4	11° 8	13°30	3°30	25°32	8°36	14° 0	5°42	16°41	15°35	16°11	n.a.	W13
T 14	4 51 50	13°44'10	20°35	27°34	12°22	13°41	3°44	25°38	8°39	13°58	5°41	16°37	15°32	16°18	n.a.	T 14
F 15	4 55 47	14°45'17	3♍ 7	29° 3	13°36	13°53	3°58	25°44	8°43	13°57	5°40	16°35	15°28	16°25	n.a.	F 15
S 16	4 59 43	15°46'24	15°57	0♐34	14°50	14° 6	4°12	25°50	8°46	13°55	5°39	16°D35	15°25	16°31	n.a.	S 16
S 17	5 3 40	16°47'30	29° 9	2° 5	16° 5	14°19	4°26	25°57	8°49	13°54	5°37	16°35	15°22	16°38	n.a.	S 17
M18	5 7 36	17°48'36	12♎45	3°37	17°19	14°32	4°40	26° 3	8°52	13°52	5°36	16°37	15°19	16°45	n.a.	M18
T 19	5 11 33	18°49'40	26°48	5° 9	18°33	14°46	4°54	26° 9	8°55	13°51	5°35	16°38	15°16	16°51	n.a.	T 19
W20	5 15 30	19°50'44	11♏17	6°42	19°47	15° 1	5° 8	26°16	8°58	13°50	5°34	16°R39	15°13	16°58	n.a.	W20
T 21	5 19 26	20°51'48	26° 9	8°16	21° 2	15°16	5°22	26°22	9° 1	13°48	5°32	16°39	15° 9	17° 5	n.a.	T 21
F 22	5 23 23	21°52'50	11♐18	9°51	22°16	15°32	5°36	26°29	9° 4	13°46	5°31	16°37	15° 6	17°11	n.a.	F 22
S 23	5 27 19	22°53'51	26°34	11°26	23°30	15°48	5°51	26°35	9° 7	13°45	5°30	16°33	15° 3	17°18	n.a.	S 23
S 24	5 31 16	23°54'51	11♑48	13° 1	24°44	16° 4	6° 5	26°42	9°10	13°43	5°29	16°28	15° 0	17°25	n.a.	S 24
M25	5 35 12	24°55'50	26°49	14°38	25°59	16°21	6°19	26°49	9°13	13°42	5°28	16°22	14°57	17°31	n.a.	M25
T 26	5 39 9	25°56'47	11♒28	16°15	27°13	16°39	6°33	26°55	9°15	13°40	5°26	16°16	14°53	17°38	n.a.	T 26
W27	5 43 6	26°57'42	25°40	17°52	28°27	16°57	6°48	27° 2	9°18	13°39	5°25	16°11	14°50	17°45	n.a.	W27
T 28	5 47 2	27°58'36	9♓23	19°31	29°42	17°15	7° 2	27° 9	9°21	13°37	5°24	16° 8	14°47	17°51	n.a.	T 28
F 29	5 50 59	28°59'28	22°36	21°10	0♐56	17°34	7°16	27°16	9°24	13°35	5°23	16° 6	14°44	17°58	n.a.	F 29
S 30	5 54 55	0♑ 0'18	5♈25	22°50	2°10	17°53	7°30	27°23	9°26	13°34	5°22	16°D 6	14°41	18° 5	n.a.	S 30
S 31	5 58 52	1♑ 1'07	17♈52	24♐31	3♐24	18♈12	7♑45	27♑30	9♏29	13♋32	5♊21	16♏ 7	14♏38	18♊11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s34	2s17	4n45	13s36	1n15	8s37	1n49	5n42	0n56	24s23	0s34	22s52	1s18	14s 7	0n17	23n12	0n10	20n28	1s12	17s 9	16s57	20n29		n.a.
S 2	20 47	2n12	4 6	14 9	1 8	9 6	1 48	5 44	0 58	24 23	0 34	22 51	1 18	14 8	0 17	23 12	0 10	20 27	1 12	17 10	16 56	20 29		n.a.
S 3	21 0	6 29	3 17	14 42	1 0	9 34	1 46	5 47	0 59	24 23	0 34	22 50	1 18	14 9	0 17	23 12	0 10	20 27	1 12	17 10	16 55	20 29		n.a.
M 4	21 12	10 26	2 20	15 14	0 52	10 1	1 45	5 50	1 0	24 23	0 34	22 49	1 18	14 10	0 17	23 13	0 10	20 27	1 12	17 10	16 54	20 29		n.a.
T 5	21 23	13 55	1 17	15 46	0 44	10 29	1 43	5 54	1 2	24 23	0 34	22 48	1 18	14 11	0 17	23 13	0 10	20 27	1 12	17 11	16 53	20 29		n.a.
W 6	21 34	16 46	0 11	16 19	0 36	10 57	1 41	5 57	1 3	24 23	0 34	22 47	1 18	14 12	0 17	23 13	0 10	20 27	1 12	17 11	16 52	20 29		n.a.
T 7	21 45	18 53	0s54	16 50	0 28	11 24	1 40	6 1	1 4	24 22	0 34	22 46	1 18	14 13	0 17	23 13	0 10	20 27	1 12	17 11	16 51	20 29		n.a.
F 8	21 56	20 11	1 57	17 22	0 21	11 51	1 38	6 5	1 5	24 22	0 35	22 44	1 18	14 14	0 17	23 13	0 10	20 26	1 12	17 10	16 50	20 29		n.a.
S 9	22 5	20 34	2 55	17 52	0 13	12 17	1 36	6 10	1 6	24 22	0 35	22 43	1 18	14 15	0 17	23 13	0 10	20 26	1 11	17 10	16 50	20 29		n.a.
S 10	22 15	20 3	3 45	18 23	0 6	12 44	1 34	6 14	1 7	24 22	0 35	22 42	1 18	14 16	0 17	23 13	0 10	20 26	1 11	17 9	16 49	20 29		n.a.
M11	22 24	18 39	4 25	18 53	0s 2	13 10	1 32	6 19	1 8	24 22	0 35	22 41	1 18	14 18	0 17	23 14	0 10	20 26	1 11	17 7	16 48	20 29		n.a.
T 12	22 33	16 26	4 54	19 22	0 9	13 35	1 30	6 24	1 10	24 21	0 35	22 40	1 18	14 19	0 17	23 14	0 10	20 26	1 11	17 6	16 47	20 29		n.a.
W13	22 41	13 29	5 11	19 50	0 16	14 1	1 28	6 29	1 11	24 21	0 35	22 39	1 18	14 20	0 17	23 14	0 10	20 26	1 11	17 5	16 46	20 29		n.a.
T 14	22 49	9 54	5 13	20 18	0 23	14 26	1 26	6 35	1 11	24 21	0 35	22 38	1 18	14 21	0 17	23 14	0 10	20 26	1 11	17 4	16 45	20 29		n.a.
F 15	22 56	5 51	5 1	20 45	0 30	14 51	1 24	6 40	1 12	24 20	0 35	22 36	1 18	14 22	0 17	23 14	0 10	20 25	1 11	17 4	16 44	20 28		n.a.
S 16	23 3	1 26	4 34	21 11	0 36	15 15	1 21	6 46	1 13	24 20	0 35	22 35	1 18	14 23	0 17	23 14	0 10	20 25	1 11	17 3	16 43	20 28		n.a.
S 17	23 9	3s11	3 52	21 36	0 43	15 39	1 19	6 52	1 14	24 20	0 35	22 34	1 18	14 24	0 17	23 15	0 10	20 25	1 11	17 4	16 42	20 28		n.a.
M18	23 15	7 48	2 55	22 1	0 49	16 3	1 17	6 58	1 15	24 19	0 35	22 33	1 18	14 25	0 17	23 15	0 10	20 25	1 11	17 4	16 41	20 28		n.a.
T 19	23 20	12 9	1 47	22 24	0 55	16 26	1 14	7 4	1 16	24 19	0 35	22 32	1 18	14 26	0 17	23 15	0 10	20 25	1 11	17 4	16 40	20 28		n.a.
W20	23 25	15 55	0 29	22 47	1 1	16 49	1 12	7 11	1 17	24 18	0 35	22 30	1 18	14 27	0 17	23 15	0 10	20 25	1 11	17 5	16 39	20 28		n.a.
T 21	23 30	18 45	0n52	23 8	1 7	17 11	1 9	7 17	1 17	24 18	0 35	22 29	1 18	14 28	0 17	23 15	0 10	20 24	1 11	17 5	16 38	20 28		n.a.
F 22	23 34	20 20	2 11	23 28	1 12	17 33	1 7	7 24	1 18	24 17	0 35	22 28	1 18	14 29	0 17	23 15	0 10	20 24	1 11	17 4	16 37	20 28		n.a.
S 23	23 37	20 26	3 21	23 47	1 18	17 54	1 5	7 31	1 19	24 17	0 36	22 26	1 18	14 30	0 17	23 16	0 10	20 24	1 11	17 3	16 36	20 28		n.a.
S 24	23 40	19 2	4 16	24 5	1 23	18 15	1 2	7 38	1 20	24 16	0 36	22 25	1 18	14 30	0 17	23 16	0 10	20 24	1 10	17 1	16 35	20 28		n.a.
M25	23 43	16 20	4 53	24 22	1 27	18 36	0 59	7 46	1 20	24 16	0 36	22 24	1 18	14 31	0 17	23 16	0 10	20 24	1 10	17 0	16 34	20 27		n.a.
T 26	23 45	12 39	5 10	24 37	1 32	18 55	0 57	7 53	1 21	24 15	0 36	22 23	1 18	14 32	0 17	23 16	0 10	20 24	1 10	16 58	16 34	20 27		n.a.
W27	23 47	8 22	5 7	24 51	1 36	19 15	0 54	8 1	1 21	24 14	0 36	22 21	1 18	14 33	0 17	23 16	0 10	20 24	1 10	16 56	16 33	20 27		n.a.
T 28	23 48	3 46	4 46	25 3	1 40	19 34	0 52	8 8	1 22	24 14	0 36	22 20	1 18	14 34	0 17	23 16	0 10	20 23	1 10	16 55	16 32	20 27		n.a.
F 29	23 49	0n50	4 10	25 14	1 43	19 52	0 49	8 16	1 23	24 13	0 36	22 18	1 18	14 35	0 17	23 17	0 10	20 23	1 10	16 55	16 31	20 27		n.a.
S 30	23 49	5 17	3 23	25 24	1 47	20 10	0 46	8 24	1 23	24 12	0 36	22 17	1 18	14 36	0 17	23 17	0 10	20 23	1 10	16 55	16 30	20 27		n.a.
S 31	23s49	9n23	2n27	25s32	1s50	20s27	0n44	8n32	1n24	24s11	0s36	22s16	1s18	14s37	0n17	23n17	0n10	20n23	1s10	16s55	16s29	20n27		n.a.

Julian Day Number = 1341532.5, Delta T = 07h15m19s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°26'02, Lahiri = -18°19'02 Julian Calendar 1 Dec. 1041 BCE == Greg. Calendar 21 Nov. 1041 BCE

The year -1040 astronomical counting style corresponds to year 1041 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

JANUARY 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 2 48	2♉ 1'54	0♉ 2	26♐12	4♐39	18♈32	7♉59	27♉37	9♏32	13°R31	5°R19	16♏ 8	14♏34	18♊18	n.a.	M 1
T 2	6 6 45	3° 2'39	12° 1	27°54	5°53	18°53	8°13	27°44	9°34	13♋29	5♊18	16°R 9	14°31	18°25	n.a.	T 2
W 3	6 10 41	4° 3'23	23°52	29°37	7° 7	19°13	8°28	27°51	9°37	13°27	5°17	16° 9	14°28	18°31	n.a.	W 3
T 4	6 14 38	5° 4'05	5♊40	1♉21	8°22	19°34	8°42	27°58	9°39	13°26	5°16	16° 7	14°25	18°38	n.a.	T 4
F 5	6 18 35	6° 4'45	17°28	3° 6	9°36	19°56	8°56	28° 5	9°41	13°24	5°15	16° 2	14°22	18°45	n.a.	F 5
S 6	6 22 31	7° 5'24	29°18	4°52	10°50	20°17	9°11	28°12	9°44	13°22	5°14	15°55	14°19	18°51	n.a.	S 6
S 7	6 26 28	8° 6'01	11♋13	6°38	12° 4	20°39	9°25	28°19	9°46	13°21	5°13	15°46	14°15	18°58	n.a.	S 7
M 8	6 30 24	9° 6'36	23°13	8°25	13°19	21° 2	9°39	28°26	9°49	13°19	5°12	15°36	14°12	19° 5	n.a.	M 8
T 9	6 34 21	10° 7'10	5♌21	10°13	14°33	21°24	9°54	28°33	9°51	13°17	5°11	15°25	14° 9	19°11	n.a.	T 9
W10	6 38 17	11° 7'42	17°37	12° 2	15°47	21°47	10° 8	28°40	9°53	13°16	5°10	15°15	14° 6	19°18	n.a.	W10
T 11	6 42 14	12° 8'12	0♍ 3	13°52	17° 1	22°10	10°23	28°48	9°55	13°14	5° 9	15° 6	14° 3	19°25	n.a.	T 11
F 12	6 46 10	13° 8'41	12°40	15°42	18°16	22°34	10°37	28°55	9°57	13°12	5° 8	14°59	13°59	19°31	n.a.	F 12
S 13	6 50 7	14° 9'08	25°32	17°33	19°30	22°58	10°51	29° 2	9°59	13°11	5° 7	14°55	13°56	19°38	n.a.	S 13
S 14	6 54 4	15° 9'34	8♎40	19°25	20°44	23°22	11° 6	29° 9	10° 2	13° 9	5° 6	14°53	13°53	19°45	n.a.	S 14
M15	6 58 0	16° 9'58	22° 8	21°17	21°59	23°46	11°20	29°17	10° 4	13° 7	5° 5	14°D53	13°50	19°51	n.a.	M15
T 16	7 1 57	17°10'21	5♏57	23°10	23°13	24°11	11°34	29°24	10° 6	13° 6	5° 4	14°54	13°47	19°58	n.a.	T 16
W17	7 5 53	18°10'42	20° 9	25° 3	24°27	24°36	11°49	29°31	10° 7	13° 4	5° 3	14°R54	13°44	20° 5	n.a.	W17
T 18	7 9 50	19°11'02	4♐43	26°56	25°41	25° 1	12° 3	29°39	10° 9	13° 2	5° 2	14°53	13°40	20°11	n.a.	T 18
F 19	7 13 46	20°11'20	19°36	28°50	26°56	25°26	12°17	29°46	10°11	13° 1	5° 2	14°49	13°37	20°18	n.a.	F 19
S 20	7 17 43	21°11'36	4♉40	0♒43	28°10	25°52	12°32	29°54	10°13	12°59	5° 1	14°42	13°34	20°25	n.a.	S 20
S 21	7 21 39	22°11'50	19°48	2°36	29°24	26°18	12°46	0♒ 1	10°15	12°57	5° 0	14°33	13°31	20°31	n.a.	S 21
M22	7 25 36	23°12'03	4♒48	4°28	0♉38	26°44	13° 0	0° 8	10°16	12°56	4°59	14°22	13°28	20°38	n.a.	M22
T 23	7 29 33	24°12'13	19°32	6°19	1°53	27°10	13°14	0°16	10°18	12°54	4°58	14°11	13°25	20°45	n.a.	T 23
W24	7 33 29	25°12'21	3♓51	8° 8	3° 7	27°37	13°29	0°23	10°20	12°52	4°58	14° 2	13°21	20°52	n.a.	W24
T 25	7 37 26	26°12'27	17°42	9°56	4°21	28° 3	13°43	0°31	10°21	12°51	4°57	13°54	13°18	20°58	n.a.	T 25
F 26	7 41 22	27°12'31	1♈ 3	11°42	5°35	28°30	13°57	0°38	10°23	12°49	4°56	13°49	13°15	21° 5	n.a.	F 26
S 27	7 45 19	28°12'32	13°57	13°25	6°50	28°58	14°11	0°46	10°24	12°47	4°55	13°46	13°12	21°12	n.a.	S 27
S 28	7 49 15	29°12'31	26°27	15° 5	8° 4	29°25	14°25	0°53	10°25	12°46	4°55	13°D45	13° 9	21°18	n.a.	S 28
M29	7 53 12	0♒12'28	8♉38	16°41	9°18	29°53	14°39	1° 0	10°27	12°44	4°54	13°R45	13° 5	21°25	n.a.	M29
T 30	7 57 8	1°12'22	20°36	18°12	10°32	0♉20	14°53	1° 8	10°28	12°43	4°53	13°45	13° 2	21°32	n.a.	T 30
W31	8 1 5	2♒12'14	2♊26	19♒39	11♉46	0♉48	15♉ 8	1♒15	10♏29	12♋41	4♊53	13♏44	12♏59	21♊38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s48	13n 0	1n26	25s38	1s52	20s44	0n41	8n40	1n24	24s11	0s36	22s14	1s18	14s37	0n17	23n17	0n10	20n23	1s10	16s56	16s28	20n26			n.a.
T 2	23 47	16 2	0 22	25 43	1 55	21 0	0 38	8 49	1 25	24 10	0 36	22 13	1 18	14 38	0 17	23 17	0 10	20 23	1 10	16 56	16 27	20 26			n.a.
W 3	23 45	18 22	0s42	25 46	1 57	21 16	0 35	8 57	1 25	24 9	0 36	22 12	1 18	14 39	0 17	23 18	0 10	20 23	1 10	16 56	16 26	20 26			n.a.
T 4	23 43	19 54	1 43	25 47	1 58	21 30	0 33	9 6	1 26	24 8	0 37	22 10	1 18	14 40	0 17	23 18	0 10	20 23	1 10	16 55	16 25	20 26			n.a.
F 5	23 40	20 33	2 41	25 46	1 59	21 45	0 30	9 14	1 26	24 7	0 37	22 9	1 18	14 41	0 17	23 18	0 10	20 22	1 10	16 54	16 24	20 26			n.a.
S 6	23 37	20 18	3 31	25 43	2 0	21 58	0 27	9 23	1 27	24 6	0 37	22 7	1 18	14 41	0 17	23 18	0 10	20 22	1 9	16 52	16 23	20 26			n.a.
S 7	23 34	19 9	4 12	25 39	2 0	22 11	0 24	9 32	1 27	24 5	0 37	22 6	1 18	14 42	0 17	23 18	0 10	20 22	1 9	16 49	16 22	20 26			n.a.
M 8	23 30	17 8	4 43	25 33	2 0	22 24	0 22	9 41	1 27	24 4	0 37	22 4	1 18	14 43	0 17	23 19	0 10	20 22	1 9	16 46	16 21	20 25			n.a.
T 9	23 25	14 22	5 1	25 24	1 59	22 36	0 19	9 50	1 28	24 3	0 37	22 3	1 18	14 44	0 17	23 19	0 10	20 22	1 9	16 43	16 20	20 25			n.a.
W10	23 21	10 58	5 5	25 13	1 58	22 47	0 16	9 59	1 28	24 2	0 37	22 1	1 18	14 44	0 17	23 19	0 10	20 22	1 9	16 40	16 19	20 25			n.a.
T 11	23 15	7 2	4 55	25 1	1 57	22 57	0 14	10 8	1 29	24 1	0 37	22 0	1 18	14 45	0 17	23 19	0 10	20 22	1 9	16 37	16 18	20 25			n.a.
F 12	23 9	2 45	4 31	24 46	1 54	23 7	0 11	10 17	1 29	24 0	0 37	21 58	1 18	14 46	0 17	23 19	0 10	20 22	1 9	16 35	16 17	20 25			n.a.
S 13	23 3	1s45	3 52	24 29	1 52	23 16	0 8	10 27	1 29	23 59	0 37	21 57	1 18	14 46	0 17	23 19	0 10	20 22	1 9	16 34	16 16	20 24			n.a.
S 14	22 56	6 15	3 1	24 10	1 48	23 24	0 5	10 36	1 30	23 58	0 38	21 55	1 18	14 47	0 17	23 20	0 10	20 21	1 9	16 34	16 15	20 24			n.a.
M15	22 49	10 35	1 59	23 49	1 44	23 32	0 3	10 45	1 30	23 57	0 38	21 54	1 18	14 48	0 17	23 20	0 10	20 21	1 9	16 33	16 14	20 24			n.a.
T 16	22 42	14 28	0 48	23 26	1 40	23 38	0s 0	10 55	1 30	23 56	0 38	21 52	1 18	14 48	0 17	23 20	0 10	20 21	1 9	16 34	16 13	20 24			n.a.
W17	22 34	17 37	0n28	23 0	1 34	23 45	0 3	11 5	1 31	23 55	0 38	21 51	1 18	14 49	0 17	23 20	0 10	20 21	1 9	16 34	16 12	20 24			n.a.
T 18	22 25	19 43	1 44	22 33	1 29	23 50	0 5	11 14	1 31	23 53	0 38	21 49	1 18	14 50	0 17	23 20	0 10	20 21	1 9	16 33	16 12	20 23			n.a.
F 19	22 16	20 31	2 54	22 3	1 22	23 55	0 8	11 24	1 31	23 52	0 38	21 48	1 18	14 50	0 17	23 20	0 10	20 21	1 8	16 32	16 11	20 23			n.a.
S 20	22 7	19 52	3 53	21 32	1 15	23 59	0 11	11 34	1 31	23 51	0 38	21 46	1 18	14 51	0 17	23 21	0 10	20 21	1 8	16 30	16 10	20 23			n.a.
S 21	21 57	17 48	4 35	20 58	1 7	24 2	0 13	11 43	1 32	23 50	0 38	21 45	1 19	14 51	0 17	23 21	0 10	20 21	1 8	16 27	16 9	20 23			n.a.
M22	21 47	14 32	4 58	20 23	0 58	24 5	0 16	11 53	1 32	23 48	0 38	21 43	1 19	14 52	0 17	23 21	0 10	20 21	1 8	16 24	16 8	20 22			n.a.
T 23	21 37	10 26	5 1	19 46	0 49	24 7	0 18	12 3	1 32	23 47	0 39	21 41	1 19	14 52	0 17	23 21	0 10	20 21	1 8	16 21	16 7	20 22			n.a.
W24	21 26	5 50	4 45	19 8	0 39	24 8	0 21	12 13	1 32	23 46	0 39	21 40	1 19	14 53	0 17	23 21	0 10	20 21	1 8	16 18	16 6	20 22			n.a.
T 25	21 14	1 5	4 12	18 29	0 28	24 8	0 23	12 23	1 32	23 44	0 39	21 38	1 19	14 53	0 17	23 22	0 10	20 21	1 8	16 16	16 5	20 22			n.a.
F 26	21 3	3n34	3 26	17 49	0 16	24 8	0 26	12 33	1 33	23 43	0 39	21 37	1 19	14 54	0 17	23 22	0 10	20 21	1 8	16 14	16 4	20 21			n.a.
S 27	20 51	7 54	2 31	17 8	0 4	24 6	0 28	12 43	1 33	23 42	0 39	21 35	1 19	14 54	0 17	23 22	0 10	20 21	1 8	16 13	16 3	20 21			n.a.
S 28	20 38	11 46	1 31	16 26	0n 8	24 5	0 31	12 53	1 33	23 40	0 39	21 34	1 19	14 55	0 17	23 22	0 10	20 21	1 8	16 13	16 2	20 21			n.a.
M29	20 25	15 2	0 27	15 45	0 21	24 2	0 33	13 3	1 33	23 39	0 39	21 32	1 19	14 55	0 17	23 22	0 10	20 21	1 8	16 13	16 1	20 21			n.a.
T 30	20 12	17 36	0s36	15 4	0 35	23 59	0 35	13 13	1 33	23 37	0 39	21 30	1 19	14 55	0 17	23 22	0 10	20 21	1 8	16 13	16 0	20 20			n.a.
W31	19s59	19n23	1s37	14s23	0n49	23s55	0s38	13n23	1n33	23s36	0s40	21s29	1s19	14s56	0n17	23n23	0n11	20n20	1s 7	16s13	15s59	20n20			n.a.

Julian Day Number = 1341563.5, Delta T = 07h15m18s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'58, Lahiri = -18°18'57 Julian Calendar 1 Jan. 1040 BCE == Greg. Calendar 22 Dec. 1041 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

FEBRUARY 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 5 2	3♒12'03	14♊13	21♒ 1	13♑ 1	1♉16	15♑22	1♒23	10♏30	12°R39	4°R52	13°R40	12♏56	21♊45	n.a.	T 1
F 2	8 8 58	4°11'51	26° 2	22°16	14°15	1°45	15°36	1°30	10°32	12♋38	4♊52	13♏34	12°53	21°52	n.a.	F 2
S 3	8 12 55	5°11'36	7♋56	23°26	15°29	2°13	15°50	1°38	10°33	12°36	4°51	13°24	12°50	21°58	n.a.	S 3
S 4	8 16 51	6°11'19	19°57	24°28	16°43	2°42	16° 3	1°45	10°34	12°35	4°51	13°13	12°46	22° 5	n.a.	S 4
M 5	8 20 48	7°10'59	2♌ 8	25°23	17°57	3°11	16°17	1°53	10°35	12°33	4°50	12°59	12°43	22°12	n.a.	M 5
T 6	8 24 44	8°10'38	14°28	26°11	19°11	3°40	16°31	2° 0	10°36	12°32	4°50	12°45	12°40	22°18	n.a.	T 6
W 7	8 28 41	9°10'14	27° 0	26°51	20°25	4° 9	16°45	2° 7	10°36	12°30	4°49	12°32	12°37	22°25	n.a.	W 7
T 8	8 32 37	10° 9'48	9♍42	27°22	21°39	4°38	16°59	2°15	10°37	12°29	4°49	12°20	12°34	22°32	n.a.	T 8
F 9	8 36 34	11° 9'20	22°34	27°46	22°54	5° 7	17°13	2°22	10°38	12°28	4°48	12°10	12°30	22°38	n.a.	F 9
S 10	8 40 30	12° 8'50	5♎39	28° 1	24° 8	5°37	17°26	2°30	10°39	12°26	4°48	12° 4	12°27	22°45	n.a.	S 10
S 11	8 44 27	13° 8'18	18°55	28°R 8	25°22	6° 6	17°40	2°37	10°39	12°25	4°47	12° 1	12°24	22°52	n.a.	S 11
M12	8 48 24	14° 7'45	2♏25	28° 7	26°36	6°36	17°54	2°44	10°40	12°23	4°47	12° 0	12°21	22°58	n.a.	M12
T 13	8 52 20	15° 7'09	16°10	27°58	27°50	7° 6	18° 7	2°52	10°41	12°22	4°47	12° 0	12°18	23° 5	n.a.	T 13
W14	8 56 17	16° 6'32	0♐11	27°42	29° 4	7°36	18°21	2°59	10°41	12°21	4°46	11°59	12°15	23°12	n.a.	W14
T 15	9 0 13	17° 5'52	14°28	27°18	0♒18	8° 7	18°34	3° 6	10°42	12°19	4°46	11°57	12°11	23°18	n.a.	T 15
F 16	9 4 10	18° 5'11	28°59	26°48	1°32	8°37	18°48	3°14	10°42	12°18	4°46	11°53	12° 8	23°25	n.a.	F 16
S 17	9 8 6	19° 4'28	13♑40	26°13	2°46	9° 7	19° 1	3°21	10°42	12°17	4°46	11°46	12° 5	23°32	n.a.	S 17
S 18	9 12 3	20° 3'43	28°26	25°32	4° 0	9°38	19°15	3°28	10°43	12°15	4°45	11°36	12° 2	23°38	n.a.	S 18
M19	9 15 59	21° 2'56	13♒ 8	24°48	5°14	10° 9	19°28	3°35	10°43	12°14	4°45	11°25	11°59	23°45	n.a.	M19
T 20	9 19 56	22° 2'06	27°38	24° 0	6°29	10°40	19°41	3°43	10°43	12°13	4°45	11°13	11°56	23°52	n.a.	T 20
W21	9 23 53	23° 1'15	11♓49	23°11	7°43	11°11	19°54	3°50	10°43	12°12	4°45	11° 2	11°52	23°59	n.a.	W21
T 22	9 27 49	24° 0'21	25°37	22°21	8°57	11°42	20° 7	3°57	10°43	12°11	4°45	10°54	11°49	24° 5	n.a.	T 22
F 23	9 31 46	24°59'24	8♈59	21°30	10°11	12°13	20°21	4° 4	10°R43	12° 9	4°45	10°47	11°46	24°12	n.a.	F 23
S 24	9 35 42	25°58'25	21°55	20°41	11°25	12°44	20°34	4°11	10°43	12° 8	4°45	10°44	11°43	24°19	n.a.	S 24
S 25	9 39 39	26°57'24	4♉28	19°53	12°39	13°16	20°46	4°18	10°43	12° 7	4°45	10°42	11°40	24°25	n.a.	S 25
M26	9 43 35	27°56'21	16°43	19° 9	13°53	13°47	20°59	4°25	10°43	12° 6	4°D45	10°D42	11°36	24°32	n.a.	M26
T 27	9 47 32	28°55'15	28°43	18°27	15° 7	14°19	21°12	4°33	10°43	12° 5	4°45	10°R42	11°33	24°39	n.a.	T 27
W28	9 51 28	29♒54'07	10♊35	17♒50	16♒21	14♉51	21♑25	4♒40	10♏43	12♋ 4	4♊45	10♏42	11♏30	24♊45	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s45	20n19	2s34	13s44	1n 3	23s50	0s40	13n34	1n34	23s34	0s40	21s27	1s19	14s56	0n17	23n23	0n11	20n20	1s 7	16s11	15s58	20n20		n.a.
F 2	19 31	20 22	3 24	13 5	1 17	23 44	0 42	13 44	1 34	23 33	0 40	21 26	1 19	14 57	0 17	23 23	0 11	20 20	1 7	16 9	15 57	20 20		n.a.
S 3	19 16	19 30	4 5	12 29	1 32	23 38	0 44	13 54	1 34	23 31	0 40	21 24	1 19	14 57	0 17	23 23	0 11	20 20	1 7	16 7	15 56	20 19		n.a.
S 4	19 1	17 45	4 36	11 55	1 46	23 31	0 46	14 4	1 34	23 30	0 40	21 22	1 19	14 57	0 17	23 23	0 11	20 20	1 7	16 3	15 55	20 19		n.a.
M 5	18 46	15 13	4 55	11 23	2 0	23 23	0 48	14 14	1 34	23 28	0 40	21 21	1 19	14 58	0 17	23 23	0 11	20 20	1 7	15 59	15 54	20 19		n.a.
T 6	18 31	11 58	5 0	10 53	2 14	23 15	0 50	14 24	1 34	23 27	0 40	21 19	1 20	14 58	0 17	23 23	0 11	20 20	1 7	15 55	15 53	20 18		n.a.
W 7	18 15	8 10	4 51	10 27	2 27	23 6	0 52	14 35	1 34	23 25	0 40	21 17	1 20	14 58	0 17	23 24	0 11	20 20	1 7	15 50	15 52	20 18		n.a.
T 8	17 59	3 57	4 27	10 4	2 40	22 56	0 54	14 45	1 34	23 23	0 41	21 16	1 20	14 58	0 17	23 24	0 11	20 20	1 7	15 47	15 51	20 18		n.a.
F 9	17 42	0s31	3 49	9 45	2 52	22 46	0 56	14 55	1 35	23 22	0 41	21 14	1 20	14 59	0 17	23 24	0 11	20 20	1 7	15 44	15 50	20 18		n.a.
S 10	17 25	5 1	2 59	9 29	3 4	22 35	0 58	15 5	1 35	23 20	0 41	21 13	1 20	14 59	0 17	23 24	0 11	20 20	1 7	15 42	15 49	20 17		n.a.
S 11	17 8	9 21	1 59	9 17	3 14	22 23	1 0	15 15	1 35	23 18	0 41	21 11	1 20	14 59	0 17	23 24	0 11	20 20	1 6	15 41	15 48	20 17		n.a.
M12	16 51	13 17	0 50	9 9	3 23	22 10	1 2	15 25	1 35	23 17	0 41	21 9	1 20	14 59	0 17	23 24	0 11	20 20	1 6	15 41	15 47	20 17		n.a.
T 13	16 33	16 35	0n22	9 5	3 30	21 57	1 3	15 35	1 35	23 15	0 41	21 8	1 20	14 59	0 17	23 25	0 11	20 21	1 6	15 40	15 46	20 16		n.a.
W14	16 15	18 58	1 35	9 5	3 37	21 44	1 5	15 45	1 35	23 13	0 41	21 6	1 20	15 0	0 17	23 25	0 11	20 21	1 6	15 40	15 45	20 16		n.a.
T 15	15 57	20 12	2 43	9 8	3 41	21 29	1 7	15 56	1 35	23 12	0 42	21 4	1 20	15 0	0 17	23 25	0 11	20 21	1 6	15 40	15 44	20 16		n.a.
F 16	15 39	20 8	3 41	9 16	3 44	21 14	1 8	16 6	1 35	23 10	0 42	21 3	1 20	15 0	0 17	23 25	0 11	20 21	1 6	15 38	15 43	20 15		n.a.
S 17	15 20	18 42	4 26	9 27	3 45	20 59	1 10	16 16	1 35	23 8	0 42	21 1	1 21	15 0	0 17	23 25	0 11	20 21	1 6	15 36	15 42	20 15		n.a.
S 18	15 1	16 1	4 53	9 41	3 45	20 42	1 11	16 26	1 35	23 6	0 42	20 59	1 21	15 0	0 17	23 25	0 11	20 21	1 6	15 33	15 41	20 15		n.a.
M19	14 42	12 20	5 1	9 58	3 42	20 26	1 12	16 36	1 35	23 4	0 42	20 58	1 21	15 0	0 17	23 25	0 11	20 21	1 6	15 30	15 40	20 14		n.a.
T 20	14 23	7 58	4 49	10 18	3 38	20 8	1 14	16 45	1 35	23 3	0 42	20 56	1 21	15 0	0 17	23 25	0 11	20 21	1 6	15 26	15 39	20 14		n.a.
W21	14 3	3 15	4 19	10 40	3 32	19 50	1 15	16 55	1 35	23 1	0 42	20 55	1 21	15 0	0 17	23 26	0 11	20 21	1 6	15 23	15 38	20 14		n.a.
T 22	13 44	1n30	3 35	11 4	3 24	19 32	1 16	17 5	1 35	22 59	0 43	20 53	1 21	15 0	0 17	23 26	0 11	20 21	1 5	15 20	15 37	20 13		n.a.
F 23	13 24	6 3	2 40	11 29	3 15	19 12	1 17	17 15	1 35	22 57	0 43	20 51	1 21	15 0	0 17	23 26	0 11	20 21	1 5	15 18	15 36	20 13		n.a.
S 24	13 4	10 11	1 38	11 55	3 5	18 53	1 18	17 25	1 35	22 55	0 43	20 50	1 21	15 0	0 17	23 26	0 11	20 21	1 5	15 17	15 35	20 12		n.a.
S 25	12 43	13 44	0 33	12 21	2 53	18 33	1 19	17 35	1 35	22 54	0 43	20 48	1 21	15 0	0 17	23 26	0 11	20 21	1 5	15 16	15 34	20 12		n.a.
M26	12 23	16 35	0s32	12 47	2 40	18 12	1 20	17 44	1 35	22 52	0 43	20 46	1 21	15 0	0 17	23 26	0 11	20 21	1 5	15 16	15 33	20 12		n.a.
T 27	12 2	18 39	1 34	13 13	2 26	17 51	1 21	17 54	1 35	22 50	0 43	20 45	1 22	15 0	0 17	23 26	0 11	20 21	1 5	15 16	15 32	20 11		n.a.
W28	11s41	19n53	2s32	13s39	2n12	17s29	1s22	18n 3	1n35	22s48	0s44	20s43	1s22	15s 0	0n17	23n26	0n11	20n21	1s 5	15s16	15s31	20n11		n.a.

Julian Day Number = 1341594.5, Delta T = 07h15m16s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'54, Lahiri = -18°18'53 Julian Calendar 1 Feb. 1040 BCE == Greg. Calendar 22 Jan. 1040 BCE

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

MARCH 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 25	0♓52'56	22♊25	17°R17	17♒35	15♉23	21♑38	4♒46	10°R42	12°R 3	4♊45	10°R40	11♏27	24♊52	n.a.	T 1
F 2	9 59 21	1°51'43	4♋16	16♒49	18°49	15°54	21°50	4°53	10♏42	12♋ 2	4°45	10♏35	11°24	24°59	n.a.	F 2
S 3	10 3 18	2°50'27	16°13	16°27	20° 3	16°26	22° 3	5° 0	10°42	12° 1	4°45	10°28	11°21	25° 5	n.a.	S 3
S 4	10 7 15	3°49'10	28°21	16° 9	21°16	16°59	22°15	5° 7	10°41	12° 0	4°45	10°19	11°17	25°12	n.a.	S 4
M 5	10 11 11	4°47'50	10♌40	15°57	22°30	17°31	22°28	5°14	10°41	11°59	4°45	10° 8	11°14	25°19	n.a.	M 5
T 6	10 15 8	5°46'27	23°14	15°50	23°44	18° 3	22°40	5°21	10°40	11°58	4°45	9°56	11°11	25°25	n.a.	T 6
W 7	10 19 4	6°45'03	6♍ 2	15°D48	24°58	18°35	22°52	5°28	10°40	11°58	4°46	9°45	11° 8	25°32	n.a.	W 7
T 8	10 23 1	7°43'36	19° 4	15°52	26°12	19° 8	23° 5	5°34	10°39	11°57	4°46	9°35	11° 5	25°39	n.a.	T 8
F 9	10 26 57	8°42'08	2♎18	16° 1	27°26	19°40	23°17	5°41	10°38	11°56	4°46	9°28	11° 2	25°45	n.a.	F 9
S 10	10 30 54	9°40'37	15°44	16°15	28°40	20°13	23°29	5°48	10°38	11°55	4°46	9°23	10°58	25°52	n.a.	S 10
S 11	10 34 50	10°39'05	29°19	16°34	29°54	20°46	23°41	5°54	10°37	11°55	4°47	9°20	10°55	25°59	n.a.	S 11
M12	10 38 47	11°37'31	13♏ 4	16°57	1♓ 8	21°18	23°53	6° 1	10°36	11°54	4°47	9°D20	10°52	26° 5	n.a.	M12
T 13	10 42 43	12°35'55	26°58	17°25	2°22	21°51	24° 5	6° 7	10°35	11°53	4°47	9°21	10°49	26°12	n.a.	T 13
W14	10 46 40	13°34'17	11♐ 0	17°57	3°35	22°24	24°16	6°14	10°34	11°53	4°48	9°R21	10°46	26°19	n.a.	W14
T 15	10 50 37	14°32'38	25° 9	18°33	4°49	22°57	24°28	6°20	10°33	11°52	4°48	9°21	10°42	26°26	n.a.	T 15
F 16	10 54 33	15°30'58	9♑25	19°13	6° 3	23°30	24°39	6°27	10°32	11°51	4°49	9°19	10°39	26°32	n.a.	F 16
S 17	10 58 30	16°29'15	23°44	19°56	7°17	24° 3	24°51	6°33	10°31	11°51	4°49	9°14	10°36	26°39	n.a.	S 17
S 18	11 2 26	17°27'31	8♒ 3	20°43	8°31	24°37	25° 2	6°39	10°30	11°50	4°50	9° 8	10°33	26°46	n.a.	S 18
M19	11 6 23	18°25'45	22°18	21°34	9°45	25°10	25°14	6°45	10°29	11°50	4°50	9° 0	10°30	26°52	n.a.	M19
T 20	11 10 19	19°23'57	6♓23	22°28	10°59	25°43	25°25	6°52	10°28	11°50	4°51	8°52	10°27	26°59	n.a.	T 20
W21	11 14 16	20°22'08	20°13	23°25	12°12	26°17	25°36	6°58	10°26	11°49	4°51	8°44	10°23	27° 6	n.a.	W21
T 22	11 18 12	21°20'16	3♈45	24°24	13°26	26°50	25°47	7° 4	10°25	11°49	4°52	8°38	10°20	27°12	n.a.	T 22
F 23	11 22 9	22°18'23	16°57	25°27	14°40	27°24	25°58	7°10	10°24	11°48	4°52	8°34	10°17	27°19	n.a.	F 23
S 24	11 26 5	23°16'28	29°47	26°33	15°54	27°58	26° 9	7°16	10°22	11°48	4°53	8°32	10°14	27°26	n.a.	S 24
S 25	11 30 2	24°14'30	12♉18	27°41	17° 8	28°31	26°19	7°22	10°21	11°48	4°53	8°D31	10°11	27°32	n.a.	S 25
M26	11 33 59	25°12'31	24°33	28°51	18°22	29° 5	26°30	7°27	10°20	11°48	4°54	8°32	10° 7	27°39	n.a.	M26
T 27	11 37 55	26°10'30	6♊35	0♓ 5	19°35	29°39	26°40	7°33	10°18	11°47	4°55	8°34	10° 4	27°46	n.a.	T 27
W28	11 41 52	27° 8'27	18°29	1°20	20°49	0♊13	26°51	7°39	10°17	11°47	4°55	8°35	10° 1	27°52	n.a.	W28
T 29	11 45 48	28° 6'22	0♋20	2°38	22° 3	0°47	27° 1	7°45	10°15	11°47	4°56	8°R35	9°58	27°59	n.a.	T 29
F 30	11 49 45	29° 4'15	12°13	3°58	23°17	1°21	27°11	7°50	10°13	11°47	4°57	8°34	9°55	28° 6	n.a.	F 30
S 31	11 53 41	0♈ 2'06	24♋13	5♓21	24♓30	1♊55	27♑21	7♒56	10♏12	11♋47	4♊58	8♏32	9♏52	28♊13	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	11s20	20n13	3s23	14s 3	1n57	17s 7	1s23	18n13	1n35	22s46	0s44	20s42	1s22	15s 0	0n17	23n26	0n11	20n22	1s 5	15s15	15s30	20n11					n.a.
F 2	10 59	19 40	4 5	14 26	1 41	16 44	1 23	18 22	1 35	22 44	0 44	20 40	1 22	15 0	0 17	23 27	0 11	20 22	1 5	15 14	15 29	20 10					n.a.
S 3	10 37	18 14	4 37	14 48	1 26	16 21	1 24	18 32	1 35	22 42	0 44	20 38	1 22	15 0	0 17	23 27	0 11	20 22	1 5	15 12	15 28	20 10					n.a.
S 4	10 16	15 59	4 56	15 8	1 10	15 58	1 24	18 41	1 35	22 40	0 44	20 37	1 22	14 59	0 17	23 27	0 11	20 22	1 5	15 9	15 27	20 9					n.a.
M 5	9 54	12 59	5 3	15 26	0 55	15 34	1 25	18 50	1 35	22 39	0 45	20 35	1 22	14 59	0 17	23 27	0 11	20 22	1 5	15 5	15 26	20 9					n.a.
T 6	9 32	9 21	4 55	15 43	0 40	15 9	1 25	19 0	1 35	22 37	0 45	20 34	1 22	14 59	0 17	23 27	0 11	20 22	1 4	15 1	15 25	20 9					n.a.
W 7	9 10	5 14	4 32	15 57	0 25	14 45	1 26	19 9	1 35	22 35	0 45	20 32	1 23	14 59	0 17	23 27	0 11	20 22	1 4	14 58	15 24	20 8					n.a.
T 8	8 48	0 48	3 55	16 10	0 10	14 20	1 26	19 18	1 35	22 33	0 45	20 31	1 23	14 59	0 17	23 27	0 11	20 22	1 4	14 55	15 23	20 8					n.a.
F 9	8 26	3s44	3 4	16 21	0s 4	13 54	1 26	19 27	1 35	22 31	0 45	20 29	1 23	14 59	0 17	23 27	0 11	20 23	1 4	14 52	15 22	20 7					n.a.
S 10	8 4	8 10	2 3	16 30	0 17	13 28	1 26	19 36	1 35	22 29	0 45	20 28	1 23	14 58	0 17	23 27	0 11	20 23	1 4	14 51	15 21	20 7					n.a.
S 11	7 41	12 14	0 53	16 36	0 31	13 2	1 27	19 45	1 35	22 27	0 46	20 26	1 23	14 58	0 17	23 27	0 11	20 23	1 4	14 50	15 20	20 7					n.a.
M12	7 19	15 41	0n20	16 41	0 43	12 35	1 27	19 53	1 35	22 25	0 46	20 25	1 23	14 58	0 17	23 27	0 11	20 23	1 4	14 50	15 19	20 6					n.a.
T 13	6 56	18 17	1 33	16 44	0 55	12 8	1 27	20 2	1 34	22 23	0 46	20 23	1 23	14 57	0 17	23 27	0 11	20 23	1 4	14 50	15 18	20 6					n.a.
W14	6 33	19 47	2 41	16 45	1 6	11 41	1 26	20 11	1 34	22 21	0 46	20 22	1 24	14 57	0 17	23 27	0 11	20 23	1 4	14 50	15 17	20 5					n.a.
T 15	6 11	20 3	3 40	16 43	1 17	11 14	1 26	20 19	1 34	22 20	0 46	20 20	1 24	14 57	0 17	23 28	0 11	20 23	1 4	14 50	15 16	20 5					n.a.
F 16	5 48	19 3	4 26	16 40	1 27	10 46	1 26	20 28	1 34	22 18	0 47	20 19	1 24	14 57	0 17	23 28	0 11	20 24	1 4	14 49	15 15	20 4					n.a.
S 17	5 25	16 51	4 55	16 35	1 36	10 18	1 26	20 36	1 34	22 16	0 47	20 17	1 24	14 56	0 17	23 28	0 11	20 24	1 3	14 48	15 14	20 4					n.a.
S 18	5 2	13 36	5 6	16 28	1 45	9 49	1 25	20 44	1 34	22 14	0 47	20 16	1 24	14 56	0 17	23 28	0 11	20 24	1 3	14 46	15 13	20 4					n.a.
M19	4 39	9 36	4 58	16 19	1 53	9 21	1 25	20 53	1 34	22 12	0 47	20 14	1 24	14 55	0 17	23 28	0 11	20 24	1 3	14 43	15 12	20 3					n.a.
T 20	4 16	5 6	4 32	16 8	2 1	8 52	1 25	21 1	1 34	22 10	0 47	20 13	1 25	14 55	0 17	23 28	0 11	20 24	1 3	14 41	15 11	20 3					n.a.
W21	3 52	0 25	3 50	15 56	2 7	8 23	1 24	21 9	1 34	22 8	0 48	20 11	1 25	14 55	0 17	23 28	0 11	20 24	1 3	14 38	15 10	20 2					n.a.
T 22	3 29	4n12	2 56	15 41	2 14	7 53	1 23	21 17	1 34	22 6	0 48	20 10	1 25	14 54	0 17	23 28	0 11	20 25	1 3	14 36	15 9	20 2					n.a.
F 23	3 6	8 30	1 54	15 25	2 19	7 24	1 23	21 24	1 34	22 4	0 48	20 8	1 25	14 54	0 17	23 28	0 11	20 25	1 3	14 35	15 8	20 1					n.a.
S 24	2 43	12 18	0 47	15 7	2 24	6 54	1 22	21 32	1 34	22 3	0 48	20 7	1 25	14 53	0 17	23 28	0 11	20 25	1 3	14 34	15 7	20 1					n.a.
S 25	2 19	15 27	0s21	14 47	2 28	6 24	1 21	21 40	1 33	22 1	0 48	20 6	1 25	14 53	0 17	23 28	0 11	20 25	1 3	14 34	15 6	20 0					n.a.
M26	1 56	17 49	1 26	14 25	2 32	5 54	1 21	21 47	1 33	21 59	0 49	20 4	1 25	14 52	0 17	23 28	0 11	20 25	1 3	14 34	15 5	20 0					n.a.
T 27	1 33	19 21	2 26	14 2	2 35	5 24	1 20	21 55	1 33	21 57	0 49	20 3	1 26	14 52	0 17	23 28	0 11	20 26	1 3	14 35	15 4	19 59					n.a.
W28	1 9	20 0	3 20	13 37	2 38	4 54	1 19	22 2	1 33	21 55	0 49	20 2	1 26	14 52	0 17	23 28	0 11	20 26	1 2	14 35	15 3	19 59					n.a.
T 29	0 46	19 45	4 4	13 10	2 39	4 23	1 18	22 9	1 33	21 53	0 49	20 0	1 26	14 51	0 17	23 28	0 11	20 26	1 2	14 35	15 2	19 58					n.a.
F 30	0 23	18 37	4 39	12 42	2 41	3 53	1 17	22 16	1 33	21 52	0 50	19 59	1 26	14 51	0 17	23 28	0 11	20 26	1 2	14 35	15 1	19 58					n.a.
S 31	0n 1	16n40	5s 1	12s11	2s41	3s22	1s16	22n23	1n33	21s50	0s50	19s58	1s26	14s50	0n17	23n28	0n11	20n26	1s 2	14s34	15s 0	19n57					n.a.

Julian Day Number = 1341622.5, Delta T = 07h15m15s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'50, Lahiri = -18°18'49 Julian Calendar 1 March 1040 BCE == Greg. Calendar 19 Feb. 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

APRIL 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 38	0♈59'55	6♌24	6♓45	25♓44	2♊29	27♉31	8♒ 1	10°R10	11°R47	4♊58	8°R27	9♏48	28♊19	n.a.	S 1
M 2	12 1 34	1°57'42	18°49	8°12	26°58	3° 3	27°41	8° 7	10♏ 8	11°D47	4°59	8♏22	9°45	28°26	n.a.	M 2
T 3	12 5 31	2°55'28	1♍32	9°41	28°12	3°37	27°51	8°12	10° 7	11♋47	5° 0	8°16	9°42	28°33	n.a.	T 3
W 4	12 9 28	3°53'11	14°33	11°12	29°25	4°12	28° 1	8°17	10° 5	11°47	5° 1	8°10	9°39	28°39	n.a.	W 4
T 5	12 13 24	4°50'54	27°52	12°45	0♈39	4°46	28°10	8°22	10° 3	11°47	5° 2	8° 5	9°36	28°46	n.a.	T 5
F 6	12 17 21	5°48'34	11♎28	14°21	1°53	5°20	28°19	8°28	10° 1	11°47	5° 3	8° 2	9°33	28°53	n.a.	F 6
S 7	12 21 17	6°46'13	25°18	15°58	3° 7	5°55	28°29	8°33	9°59	11°47	5° 4	8° 0	9°29	28°59	n.a.	S 7
S 8	12 25 14	7°43'51	9♏20	17°38	4°20	6°29	28°38	8°38	9°57	11°47	5° 4	7°D59	9°26	29° 6	n.a.	S 8
M 9	12 29 10	8°41'27	23°29	19°19	5°34	7° 4	28°47	8°43	9°55	11°47	5° 5	8° 0	9°23	29°13	n.a.	M 9
T 10	12 33 7	9°39'02	7♐43	21° 3	6°48	7°38	28°56	8°48	9°53	11°48	5° 6	8° 1	9°20	29°19	n.a.	T 10
W11	12 37 3	10°36'37	21°58	22°49	8° 1	8°13	29° 5	8°52	9°51	11°48	5° 7	8° 3	9°17	29°26	n.a.	W11
T 12	12 41 0	11°34'10	6♑12	24°36	9°15	8°48	29°13	8°57	9°49	11°48	5° 8	8°R 3	9°13	29°33	n.a.	T 12
F 13	12 44 57	12°31'42	20°23	26°26	10°29	9°23	29°22	9° 2	9°47	11°49	5° 9	8° 3	9°10	29°40	n.a.	F 13
S 14	12 48 53	13°29'13	4♒29	28°18	11°43	9°57	29°30	9° 6	9°45	11°49	5°10	8° 2	9° 7	29°46	n.a.	S 14
S 15	12 52 50	14°26'43	18°27	0♈12	12°56	10°32	29°38	9°11	9°43	11°49	5°11	8° 0	9° 4	29°53	n.a.	S 15
M16	12 56 46	15°24'12	2♓16	2° 8	14°10	11° 7	29°46	9°15	9°41	11°50	5°12	7°57	9° 1	29°59	n.a.	M16
T 17	13 0 43	16°21'40	15°54	4° 6	15°24	11°42	29°54	9°20	9°39	11°50	5°14	7°54	8°58	0♋ 6	n.a.	T 17
W18	13 4 39	17°19'07	29°18	6° 6	16°37	12°17	0♒ 2	9°24	9°36	11°51	5°15	7°51	8°54	0°13	n.a.	W18
T 19	13 8 36	18°16'33	12♈27	8° 8	17°51	12°52	0°10	9°28	9°34	11°51	5°16	7°49	8°51	0°20	n.a.	T 19
F 20	13 12 32	19°13'57	25°20	10°11	19° 5	13°27	0°17	9°32	9°32	11°52	5°17	7°47	8°48	0°26	n.a.	F 20
S 21	13 16 29	20°11'21	7♉58	12°17	20°18	14° 2	0°25	9°36	9°30	11°53	5°18	7°D47	8°45	0°33	n.a.	S 21
S 22	13 20 25	21° 8'44	20°21	14°23	21°32	14°38	0°32	9°40	9°27	11°53	5°19	7°47	8°42	0°40	n.a.	S 22
M23	13 24 22	22° 6'05	2♊31	16°31	22°46	15°13	0°39	9°44	9°25	11°54	5°20	7°48	8°38	0°46	n.a.	M23
T 24	13 28 19	23° 3'25	14°31	18°41	23°59	15°48	0°46	9°48	9°23	11°55	5°22	7°50	8°35	0°53	n.a.	T 24
W25	13 32 15	24° 0'44	26°25	20°51	25°13	16°23	0°53	9°51	9°21	11°55	5°23	7°51	8°32	1° 0	n.a.	W25
T 26	13 36 12	24°58'02	8♋16	23° 2	26°27	16°59	1° 0	9°55	9°18	11°56	5°24	7°52	8°29	1° 7	n.a.	T 26
F 27	13 40 8	25°55'19	20°10	25°13	27°40	17°34	1° 6	9°59	9°16	11°57	5°25	7°52	8°26	1°13	n.a.	F 27
S 28	13 44 5	26°52'34	2♌ 9	27°25	28°54	18°10	1°13	10° 2	9°13	11°58	5°27	7°R52	8°23	1°20	n.a.	S 28
S 29	13 48 1	27°49'49	14°20	29°36	0♉ 8	18°45	1°19	10° 5	9°11	11°58	5°28	7°52	8°19	1°27	n.a.	S 29
M30	13 51 58	28♈47'02	26♌47	1♉48	1♉21	19♊21	1♒25	10♒ 9	9♏ 9	11♋59	5♊29	7♏51	8♏16	1♋33	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n24	13n57	5s11	11s39	2s41	2s51	1s14	22n30	1n33	21s48	0s50	19s56	1s27	14s49	0n17	23n28	0n11	20n27	1s 2	14s33	14s59	19n57		n.a.
M 2	0 48	10 35	5 6	11 6	2 40	2 20	1 13	22 37	1 32	21 46	0 50	19 55	1 27	14 49	0 17	23 28	0 11	20 27	1 2	14 31	14 58	19 56		n.a.
T 3	1 11	6 39	4 46	10 31	2 39	1 49	1 12	22 43	1 32	21 45	0 50	19 54	1 27	14 48	0 17	23 28	0 11	20 27	1 2	14 29	14 57	19 56		n.a.
W 4	1 34	2 20	4 11	9 54	2 37	1 18	1 10	22 50	1 32	21 43	0 51	19 53	1 27	14 48	0 17	23 28	0 11	20 27	1 2	14 27	14 56	19 55		n.a.
T 5	1 57	2s13	3 22	9 15	2 35	0 47	1 9	22 56	1 32	21 41	0 51	19 52	1 27	14 47	0 17	23 28	0 11	20 28	1 2	14 26	14 55	19 55		n.a.
F 6	2 21	6 45	2 20	8 35	2 32	0 16	1 8	23 2	1 32	21 39	0 51	19 50	1 27	14 47	0 17	23 28	0 11	20 28	1 2	14 24	14 54	19 54		n.a.
S 7	2 44	11 0	1 9	7 54	2 29	0n15	1 6	23 8	1 32	21 38	0 51	19 49	1 28	14 46	0 17	23 28	0 11	20 28	1 2	14 24	14 53	19 54		n.a.
S 8	3 7	14 43	0n 7	7 10	2 24	0 46	1 5	23 14	1 32	21 36	0 52	19 48	1 28	14 45	0 17	23 28	0 11	20 28	1 2	14 23	14 52	19 53		n.a.
M 9	3 30	17 35	1 24	6 26	2 20	1 17	1 3	23 20	1 31	21 34	0 52	19 47	1 28	14 45	0 17	23 28	0 11	20 29	1 1	14 24	14 51	19 53		n.a.
T 10	3 53	19 23	2 36	5 40	2 15	1 48	1 1	23 26	1 31	21 33	0 52	19 46	1 28	14 44	0 17	23 28	0 11	20 29	1 1	14 24	14 50	19 52		n.a.
W11	4 16	19 56	3 38	4 52	2 9	2 19	1 0	23 31	1 31	21 31	0 52	19 45	1 28	14 43	0 17	23 28	0 11	20 29	1 1	14 25	14 49	19 52		n.a.
T 12	4 39	19 13	4 27	4 3	2 3	2 50	0 58	23 37	1 31	21 30	0 53	19 44	1 29	14 43	0 17	23 28	0 11	20 29	1 1	14 25	14 48	19 51		n.a.
F 13	5 2	17 18	4 59	3 12	1 56	3 21	0 56	23 42	1 31	21 28	0 53	19 42	1 29	14 42	0 17	23 28	0 11	20 30	1 1	14 25	14 47	19 51		n.a.
S 14	5 24	14 22	5 14	2 20	1 48	3 52	0 55	23 47	1 31	21 27	0 53	19 41	1 29	14 41	0 17	23 28	0 11	20 30	1 1	14 24	14 46	19 50		n.a.
S 15	5 47	10 38	5 9	1 27	1 41	4 23	0 53	23 52	1 31	21 25	0 53	19 40	1 29	14 41	0 17	23 28	0 11	20 30	1 1	14 24	14 45	19 49		n.a.
M16	6 9	6 23	4 46	0 33	1 32	4 54	0 51	23 57	1 30	21 24	0 54	19 39	1 29	14 40	0 17	23 28	0 11	20 30	1 1	14 23	14 44	19 49		n.a.
T 17	6 32	1 51	4 8	0n23	1 24	5 24	0 49	24 2	1 30	21 22	0 54	19 38	1 30	14 39	0 17	23 28	0 11	20 31	1 1	14 22	14 43	19 48		n.a.
W18	6 54	2n43	3 16	1 19	1 15	5 55	0 47	24 7	1 30	21 21	0 54	19 37	1 30	14 39	0 17	23 28	0 11	20 31	1 1	14 21	14 42	19 48		n.a.
T 19	7 17	7 4	2 15	2 17	1 5	6 25	0 45	24 11	1 30	21 19	0 54	19 37	1 30	14 38	0 17	23 28	0 11	20 31	1 1	14 20	14 40	19 47		n.a.
F 20	7 39	11 0	1 8	3 15	0 55	6 55	0 43	24 15	1 30	21 18	0 55	19 36	1 30	14 37	0 17	23 28	0 11	20 32	1 1	14 20	14 39	19 47		n.a.
S 21	8 1	14 22	0s 1	4 14	0 45	7 26	0 41	24 20	1 30	21 16	0 55	19 35	1 30	14 37	0 17	23 28	0 11	20 32	1 1	14 19	14 38	19 46		n.a.
S 22	8 23	17 0	1 9	5 13	0 35	7 56	0 39	24 24	1 29	21 15	0 55	19 34	1 31	14 36	0 17	23 28	0 11	20 32	1 0	14 20	14 37	19 46		n.a.
M23	8 44	18 50	2 13	6 13	0 25	8 25	0 37	24 28	1 29	21 14	0 55	19 33	1 31	14 35	0 17	23 28	0 11	20 32	1 0	14 20	14 36	19 45		n.a.
T 24	9 6	19 46	3 10	7 13	0 14	8 55	0 35	24 31	1 29	21 13	0 56	19 32	1 31	14 34	0 17	23 28	0 11	20 33	1 0	14 20	14 35	19 44		n.a.
W25	9 27	19 48	3 58	8 13	0 3	9 24	0 32	24 35	1 29	21 11	0 56	19 31	1 31	14 34	0 17	23 28	0 11	20 33	1 0	14 21	14 34	19 44		n.a.
T 26	9 49	18 58	4 36	9 12	0n 7	9 54	0 30	24 38	1 29	21 10	0 56	19 31	1 32	14 33	0 17	23 27	0 11	20 33	1 0	14 21	14 33	19 43		n.a.
F 27	10 10	17 18	5 2	10 11	0 18	10 23	0 28	24 42	1 28	21 9	0 57	19 30	1 32	14 32	0 17	23 27	0 11	20 34	1 0	14 21	14 32	19 43		n.a.
S 28	10 31	14 52	5 15	11 9	0 28	10 51	0 26	24 45	1 28	21 8	0 57	19 29	1 32	14 31	0 17	23 27	0 11	20 34	1 0	14 21	14 31	19 42		n.a.
S 29	10 52	11 46	5 15	12 6	0 38	11 20	0 24	24 48	1 28	21 7	0 57	19 28	1 32	14 31	0 17	23 27	0 11	20 34	1 0	14 21	14 30	19 41		n.a.
M30	11n13	8n 5	5s 0	13n 2	0n48	11n48	0s21	24n50	1n28	21s 6	0s57	19s28	1s32	14s30	0n17	23n27	0n11	20n35	1s 0	14s21	14s29	19n41		n.a.

Julian Day Number = 1341653.5, Delta T = 07h15m13s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'46, Lahiri = -18°18'45 Julian Calendar 1 Apr. 1040 BCE == Greg. Calendar 22 March 1040 BCE

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

MAY 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 55 55	29♈44'14	9♍33	3♉59	2♉35	19♊56	1♒31	10♒12	9°R 6	12♋ 0	5♊30	7°R50	8♏13	1♋40	n.a.	T 1
W 2	13 59 51	0♉41'25	22°40	6° 8	3°49	20°32	1°36	10°15	9♏ 4	12° 1	5°32	7♏49	8°10	1°47	n.a.	W 2
T 3	14 3 48	1°38'35	6♎ 9	8°17	5° 2	21° 8	1°42	10°18	9° 1	12° 2	5°33	7°48	8° 7	1°53	n.a.	T 3
F 4	14 7 44	2°35'45	20° 1	10°25	6°16	21°43	1°47	10°21	8°59	12° 3	5°34	7°48	8° 4	2° 0	n.a.	F 4
S 5	14 11 41	3°32'54	4♏12	12°31	7°30	22°19	1°53	10°24	8°57	12° 4	5°36	7°D48	8° 0	2° 7	n.a.	S 5
S 6	14 15 37	4°30'02	18°38	14°35	8°43	22°55	1°58	10°26	8°54	12° 5	5°37	7°48	7°57	2°13	n.a.	S 6
M 7	14 19 34	5°27'10	3♐14	16°38	9°57	23°31	2° 3	10°29	8°52	12° 6	5°38	7°48	7°54	2°20	n.a.	M 7
T 8	14 23 30	6°24'17	17°54	18°38	11°11	24° 6	2° 7	10°31	8°49	12° 7	5°40	7°48	7°51	2°27	n.a.	T 8
W 9	14 27 27	7°21'24	2♑31	20°37	12°24	24°42	2°12	10°34	8°47	12° 9	5°41	7°48	7°48	2°34	n.a.	W 9
T 10	14 31 24	8°18'31	17° 0	22°33	13°38	25°18	2°16	10°36	8°44	12°10	5°43	7°R48	7°44	2°40	n.a.	T 10
F 11	14 35 20	9°15'38	1♒17	24°28	14°51	25°54	2°20	10°38	8°42	12°11	5°44	7°48	7°41	2°47	n.a.	F 11
S 12	14 39 17	10°12'44	15°20	26°20	16° 5	26°30	2°24	10°41	8°39	12°12	5°45	7°D48	7°38	2°54	n.a.	S 12
S 13	14 43 13	11° 9'50	29° 7	28°10	17°19	27° 6	2°28	10°43	8°37	12°13	5°47	7°48	7°35	3° 0	n.a.	S 13
M14	14 47 10	12° 6'57	12♓38	29°58	18°32	27°43	2°32	10°45	8°34	12°15	5°48	7°49	7°32	3° 7	n.a.	M14
T 15	14 51 6	13° 4'03	25°54	1♊43	19°46	28°19	2°35	10°46	8°32	12°16	5°50	7°49	7°29	3°14	n.a.	T 15
W16	14 55 3	14° 1'09	8♈54	3°26	21° 0	28°55	2°39	10°48	8°30	12°17	5°51	7°50	7°25	3°20	n.a.	W16
T 17	14 58 59	14°58'15	21°41	5° 7	22°13	29°31	2°42	10°50	8°27	12°19	5°53	7°50	7°22	3°27	n.a.	T 17
F 18	15 2 56	15°55'21	4♉14	6°45	23°27	0♋ 7	2°45	10°51	8°25	12°20	5°54	7°R50	7°19	3°34	n.a.	F 18
S 19	15 6 53	16°52'27	16°36	8°21	24°41	0°44	2°48	10°53	8°22	12°21	5°56	7°50	7°16	3°41	n.a.	S 19
S 20	15 10 49	17°49'32	28°48	9°55	25°54	1°20	2°50	10°54	8°20	12°23	5°57	7°50	7°13	3°47	n.a.	S 20
M21	15 14 46	18°46'38	10♊51	11°26	27° 8	1°57	2°53	10°56	8°17	12°24	5°59	7°49	7°10	3°54	n.a.	M21
T 22	15 18 42	19°43'43	22°47	12°55	28°22	2°33	2°55	10°57	8°15	12°26	6° 0	7°47	7° 6	4° 1	n.a.	T 22
W23	15 22 39	20°40'48	4♋39	14°22	29°35	3° 9	2°57	10°58	8°13	12°27	6° 2	7°45	7° 3	4° 7	n.a.	W23
T 24	15 26 35	21°37'53	16°30	15°46	0♊49	3°46	2°59	10°59	8°10	12°29	6° 3	7°43	7° 0	4°14	n.a.	T 24
F 25	15 30 32	22°34'58	28°23	17° 8	2° 3	4°23	3° 0	11° 0	8° 8	12°30	6° 5	7°42	6°57	4°21	n.a.	F 25
S 26	15 34 29	23°32'03	10♌21	18°27	3°16	4°59	3° 2	11° 0	8° 6	12°32	6° 6	7°41	6°54	4°27	n.a.	S 26
S 27	15 38 25	24°29'07	22°31	19°43	4°30	5°36	3° 3	11° 1	8° 3	12°34	6° 8	7°D40	6°50	4°34	n.a.	S 27
M28	15 42 22	25°26'11	4♍55	20°58	5°44	6°12	3° 4	11° 2	8° 1	12°35	6° 9	7°40	6°47	4°41	n.a.	M28
T 29	15 46 18	26°23'15	17°37	22° 9	6°57	6°49	3° 5	11° 2	7°59	12°37	6°11	7°41	6°44	4°48	n.a.	T 29
W30	15 50 15	27°20'19	0♎43	23°17	8°11	7°26	3° 6	11° 2	7°56	12°38	6°12	7°43	6°41	4°54	n.a.	W30
T 31	15 54 11	28♉17'23	14♎14	24♊23	9♊25	8♋ 3	3♒ 6	11♒ 3	7♏54	12♋40	6♊14	7♏44	6♏38	5♋ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n33	3n57	4s30	13n56	0n57	12n16	0s19	24n53	1n28	21s 4	0s58	19s27	1s33	14s29	0n17	23n27	0n11	20n35	1s 0	14s20	14s28	19n40			n.a.
W 2	11 54	0s29	3 45	14 49	1 6	12 44	0 17	24 56	1 27	21 3	0 58	19 26	1 33	14 28	0 17	23 27	0 11	20 35	1 0	14 20	14 27	19 40			n.a.
T 3	12 14	5 1	2 47	15 40	1 15	13 11	0 14	24 58	1 27	21 2	0 58	19 26	1 33	14 27	0 17	23 27	0 11	20 35	1 0	14 20	14 26	19 39			n.a.
F 4	12 34	9 26	1 37	16 29	1 23	13 38	0 12	25 0	1 27	21 2	0 59	19 25	1 33	14 27	0 17	23 27	0 11	20 36	1 0	14 20	14 25	19 38			n.a.
S 5	12 54	13 26	0 20	17 16	1 30	14 5	0 10	25 2	1 27	21 1	0 59	19 25	1 34	14 26	0 17	23 27	0 11	20 36	0 59	14 20	14 24	19 38			n.a.
S 6	13 13	16 41	1n 0	18 0	1 37	14 31	0 7	25 4	1 27	21 0	0 59	19 24	1 34	14 25	0 17	23 27	0 11	20 36	0 59	14 20	14 23	19 37			n.a.
M 7	13 33	18 54	2 17	18 43	1 43	14 57	0 5	25 6	1 26	20 59	0 59	19 24	1 34	14 24	0 17	23 27	0 11	20 37	0 59	14 20	14 22	19 36			n.a.
T 8	13 52	19 52	3 25	19 23	1 48	15 23	0 3	25 7	1 26	20 58	1 0	19 23	1 34	14 24	0 17	23 26	0 11	20 37	0 59	14 20	14 21	19 36			n.a.
W 9	14 11	19 28	4 19	20 0	1 53	15 48	0 0	25 8	1 26	20 57	1 0	19 23	1 34	14 23	0 17	23 26	0 11	20 37	0 59	14 20	14 20	19 35			n.a.
T 10	14 30	17 49	4 57	20 35	1 57	16 13	0n 2	25 10	1 26	20 57	1 0	19 22	1 35	14 22	0 17	23 26	0 11	20 38	0 59	14 20	14 19	19 35			n.a.
F 11	14 48	15 4	5 15	21 8	2 1	16 37	0 5	25 11	1 26	20 56	1 1	19 22	1 35	14 21	0 17	23 26	0 11	20 38	0 59	14 20	14 18	19 34			n.a.
S 12	15 7	11 29	5 15	21 38	2 3	17 1	0 7	25 11	1 25	20 55	1 1	19 21	1 35	14 20	0 17	23 26	0 11	20 38	0 59	14 20	14 17	19 33			n.a.
S 13	15 25	7 21	4 56	22 6	2 5	17 25	0 9	25 12	1 25	20 55	1 1	19 21	1 35	14 20	0 17	23 26	0 11	20 39	0 59	14 20	14 15	19 33			n.a.
M14	15 43	2 55	4 21	22 31	2 7	17 48	0 12	25 13	1 25	20 54	1 2	19 21	1 36	14 19	0 17	23 26	0 11	20 39	0 59	14 20	14 14	19 32			n.a.
T 15	16 0	1n35	3 32	22 54	2 7	18 11	0 14	25 13	1 25	20 54	1 2	19 21	1 36	14 18	0 17	23 26	0 11	20 39	0 59	14 20	14 13	19 31			n.a.
W16	16 18	5 56	2 34	23 15	2 7	18 33	0 16	25 13	1 24	20 53	1 2	19 20	1 36	14 17	0 17	23 26	0 11	20 40	0 59	14 20	14 12	19 31			n.a.
T 17	16 35	9 57	1 28	23 33	2 6	18 55	0 19	25 13	1 24	20 53	1 2	19 20	1 36	14 16	0 17	23 25	0 11	20 40	0 59	14 20	14 11	19 30			n.a.
F 18	16 52	13 27	0 20	23 50	2 5	19 16	0 21	25 13	1 24	20 52	1 3	19 20	1 37	14 16	0 17	23 25	0 11	20 40	0 59	14 21	14 10	19 29			n.a.
S 19	17 8	16 17	0s48	24 4	2 3	19 37	0 23	25 13	1 24	20 52	1 3	19 20	1 37	14 15	0 17	23 25	0 11	20 41	0 58	14 21	14 9	19 29			n.a.
S 20	17 25	18 22	1 54	24 16	2 0	19 57	0 26	25 12	1 23	20 52	1 3	19 19	1 37	14 14	0 17	23 25	0 11	20 41	0 58	14 20	14 8	19 28			n.a.
M21	17 41	19 34	2 53	24 26	1 57	20 17	0 28	25 11	1 23	20 51	1 4	19 19	1 37	14 13	0 17	23 25	0 11	20 41	0 58	14 20	14 7	19 27			n.a.
T 22	17 57	19 53	3 44	24 34	1 53	20 36	0 30	25 10	1 23	20 51	1 4	19 19	1 38	14 13	0 17	23 25	0 11	20 42	0 58	14 19	14 6	19 27			n.a.
W23	18 12	19 19	4 25	24 40	1 48	20 55	0 33	25 9	1 23	20 51	1 4	19 19	1 38	14 12	0 17	23 25	0 11	20 42	0 58	14 19	14 5	19 26			n.a.
T 24	18 27	17 54	4 55	24 45	1 43	21 13	0 35	25 8	1 22	20 51	1 5	19 19	1 38	14 11	0 17	23 25	0 11	20 42	0 58	14 18	14 4	19 25			n.a.
F 25	18 42	15 43	5 12	24 47	1 37	21 30	0 37	25 7	1 22	20 51	1 5	19 19	1 38	14 10	0 17	23 24	0 11	20 43	0 58	14 18	14 3	19 25			n.a.
S 26	18 57	12 52	5 16	24 48	1 30	21 47	0 39	25 5	1 22	20 51	1 5	19 19	1 39	14 9	0 17	23 24	0 11	20 43	0 58	14 17	14 2	19 24			n.a.
S 27	19 11	9 25	5 5	24 48	1 23	22 3	0 42	25 3	1 22	20 51	1 6	19 19	1 39	14 9	0 17	23 24	0 11	20 43	0 58	14 17	14 1	19 23			n.a.
M28	19 25	5 30	4 41	24 46	1 16	22 19	0 44	25 1	1 21	20 51	1 6	19 19	1 39	14 8	0 17	23 24	0 11	20 44	0 58	14 17	14 0	19 22			n.a.
T 29	19 39	1 15	4 2	24 42	1 8	22 34	0 46	24 59	1 21	20 51	1 6	19 19	1 39	14 7	0 17	23 24	0 11	20 44	0 58	14 18	13 59	19 22			n.a.
W30	19 52	3s11	3 10	24 38	0 59	22 48	0 48	24 57	1 21	20 51	1 7	19 20	1 40	14 7	0 17	23 24	0 11	20 44	0 58	14 18	13 58	19 21			n.a.
T 31	20n 6	7s38	2s 6	24n32	0n50	23n 2	0n50	24n55	1n21	20s51	1s 7	19s20	1s40	14s 6	0n17	23n24	0n11	20n45	0s58	14s18	13s56	19n20			n.a.

Julian Day Number = 1341683.5, Delta T = 07h15m11s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'41, Lahiri = -18°18'41 Julian Calendar 1 May 1040 BCE == Greg. Calendar 21 Apr. 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

JUNE 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 58 8	29♉14'27	28♎11	25♊26	10♊38	8♋40	3♒ 6	11♒ 3	7°R52	12♋42	6♊16	7♏45	6♏35	5♋ 8	n.a.	F 1
S 2	16 2 4	0♊11'32	12♏32	26°26	11°52	9°16	3°R 7	11°R 3	7♏50	12°44	6°17	7°R45	6°31	5°14	n.a.	S 2
S 3	16 6 1	1° 8'36	27°15	27°23	13° 6	9°53	3° 6	11° 3	7°47	12°45	6°19	7°44	6°28	5°21	n.a.	S 3
M 4	16 9 58	2° 5'41	12♐12	28°17	14°19	10°30	3° 6	11° 3	7°45	12°47	6°20	7°42	6°25	5°28	n.a.	M 4
T 5	16 13 54	3° 2'46	27°15	29° 7	15°33	11° 7	3° 6	11° 2	7°43	12°49	6°22	7°39	6°22	5°35	n.a.	T 5
W 6	16 17 51	3°59'52	12♑16	29°54	16°47	11°44	3° 5	11° 2	7°41	12°51	6°23	7°36	6°19	5°41	n.a.	W 6
T 7	16 21 47	4°56'59	27° 5	0♋37	18° 0	12°21	3° 4	11° 2	7°39	12°52	6°25	7°32	6°15	5°48	n.a.	T 7
F 8	16 25 44	5°54'06	11♒36	1°17	19°14	12°58	3° 3	11° 1	7°37	12°54	6°27	7°30	6°12	5°55	n.a.	F 8
S 9	16 29 40	6°51'14	25°45	1°52	20°28	13°36	3° 2	11° 1	7°35	12°56	6°28	7°28	6° 9	6° 1	n.a.	S 9
S 10	16 33 37	7°48'23	9♓31	2°24	21°41	14°13	3° 0	11° 0	7°33	12°58	6°30	7°D28	6° 6	6° 8	n.a.	S 10
M11	16 37 33	8°45'33	22°55	2°52	22°55	14°50	2°59	10°59	7°31	13° 0	6°31	7°28	6° 3	6°15	n.a.	M11
T 12	16 41 30	9°42'44	5♈57	3°15	24° 9	15°27	2°57	10°58	7°29	13° 2	6°33	7°30	6° 0	6°21	n.a.	T 12
W13	16 45 27	10°39'55	18°41	3°34	25°22	16° 4	2°55	10°57	7°27	13° 4	6°34	7°31	5°56	6°28	n.a.	W13
T 14	16 49 23	11°37'08	1♉11	3°48	26°36	16°42	2°53	10°56	7°25	13° 6	6°36	7°32	5°53	6°35	n.a.	T 14
F 15	16 53 20	12°34'21	13°28	3°57	27°50	17°19	2°50	10°55	7°23	13° 8	6°37	7°R32	5°50	6°42	n.a.	F 15
S 16	16 57 16	13°31'36	25°37	4°R 2	29° 3	17°57	2°48	10°53	7°21	13°10	6°39	7°31	5°47	6°48	n.a.	S 16
S 17	17 1 13	14°28'51	7♊38	4° 1	0♋17	18°34	2°45	10°52	7°19	13°12	6°41	7°27	5°44	6°55	n.a.	S 17
M18	17 5 9	15°26'07	19°33	3°56	1°31	19°12	2°42	10°50	7°18	13°14	6°42	7°22	5°41	7° 2	n.a.	M18
T 19	17 9 6	16°23'24	1♋26	3°45	2°44	19°49	2°39	10°49	7°16	13°16	6°44	7°16	5°37	7° 8	n.a.	T 19
W20	17 13 3	17°20'42	13°17	3°30	3°58	20°27	2°35	10°47	7°14	13°18	6°45	7° 9	5°34	7°15	n.a.	W20
T 21	17 16 59	18°18'01	25° 8	3°10	5°12	21° 4	2°32	10°45	7°13	13°20	6°47	7° 1	5°31	7°22	n.a.	T 21
F 22	17 20 56	19°15'20	7♌ 2	2°45	6°25	21°42	2°28	10°43	7°11	13°22	6°48	6°54	5°28	7°29	n.a.	F 22
S 23	17 24 52	20°12'40	19° 1	2°15	7°39	22°20	2°24	10°41	7° 9	13°24	6°50	6°49	5°25	7°35	n.a.	S 23
S 24	17 28 49	21°10'01	1♍10	1°41	8°53	22°58	2°20	10°39	7° 8	13°26	6°51	6°45	5°21	7°42	n.a.	S 24
M25	17 32 45	22° 7'23	13°31	1° 4	10° 6	23°35	2°16	10°37	7° 6	13°28	6°53	6°43	5°18	7°49	n.a.	M25
T 26	17 36 42	23° 4'46	26° 9	0°23	11°20	24°13	2°12	10°34	7° 5	13°30	6°54	6°D42	5°15	7°55	n.a.	T 26
W27	17 40 38	24° 2'09	9♎ 9	29♊40	12°34	24°51	2° 7	10°32	7° 4	13°32	6°56	6°43	5°12	8° 2	n.a.	W27
T 28	17 44 35	24°59'33	22°34	28°55	13°47	25°29	2° 2	10°30	7° 2	13°34	6°57	6°44	5° 9	8° 9	n.a.	T 28
F 29	17 48 32	25°56'58	6♏26	28° 8	15° 1	26° 7	1°57	10°27	7° 1	13°37	6°59	6°R45	5° 6	8°15	n.a.	F 29
S 30	17 52 28	26♊54'25	20♏46	27♊21	16♋14	26♋45	1♒52	10♒24	7♏ 0	13♋39	7♊ 0	6♏44	5♏ 2	8♋22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n18	11s48	0s53	24n24	0n40	23n15	0n52	24n52	1n20	20s52	1s 7	19s20	1s40	14s 5	0n17	23n23	0n11	20n45	0s58	14s19	13s55	19n20		n.a.
S 2	20 31	15 26	0n26	24 16	0 30	23 27	0 54	24 49	1 20	20 52	1 8	19 20	1 40	14 4	0 17	23 23	0 11	20 45	0 58	14 19	13 54	19 19		n.a.
S 3	20 43	18 9	1 45	24 7	0 19	23 39	0 56	24 46	1 20	20 52	1 8	19 20	1 40	14 4	0 17	23 23	0 11	20 46	0 57	14 18	13 53	19 18		n.a.
M 4	20 54	19 40	2 58	23 56	0 8	23 50	0 58	24 43	1 20	20 53	1 8	19 21	1 41	14 3	0 17	23 23	0 11	20 46	0 57	14 18	13 52	19 17		n.a.
T 5	21 6	19 48	3 59	23 45	0s 4	24 1	1 0	24 40	1 19	20 53	1 9	19 21	1 41	14 2	0 17	23 23	0 11	20 46	0 57	14 17	13 51	19 17		n.a.
W 6	21 17	18 32	4 44	23 33	0 16	24 10	1 2	24 36	1 19	20 53	1 9	19 21	1 41	14 2	0 17	23 23	0 11	20 47	0 57	14 16	13 50	19 16		n.a.
T 7	21 28	16 2	5 8	23 21	0 28	24 19	1 3	24 32	1 19	20 54	1 9	19 22	1 41	14 1	0 17	23 22	0 11	20 47	0 57	14 15	13 49	19 15		n.a.
F 8	21 38	12 34	5 13	23 8	0 41	24 27	1 5	24 28	1 18	20 55	1 9	19 22	1 42	14 0	0 17	23 22	0 12	20 47	0 57	14 14	13 48	19 14		n.a.
S 9	21 48	8 28	4 58	22 54	0 54	24 35	1 7	24 24	1 18	20 55	1 10	19 22	1 42	14 0	0 17	23 22	0 12	20 48	0 57	14 13	13 47	19 14		n.a.
S 10	21 57	4 1	4 26	22 40	1 8	24 42	1 9	24 20	1 18	20 56	1 10	19 23	1 42	13 59	0 17	23 22	0 12	20 48	0 57	14 13	13 46	19 13		n.a.
M11	22 7	0n30	3 40	22 26	1 21	24 48	1 10	24 16	1 18	20 57	1 10	19 23	1 42	13 58	0 17	23 22	0 12	20 48	0 57	14 13	13 45	19 12		n.a.
T 12	22 15	4 54	2 44	22 11	1 35	24 53	1 12	24 11	1 17	20 57	1 11	19 24	1 43	13 58	0 17	23 22	0 12	20 49	0 57	14 14	13 44	19 11		n.a.
W13	22 24	8 59	1 41	21 57	1 50	24 57	1 13	24 6	1 17	20 58	1 11	19 24	1 43	13 57	0 17	23 21	0 12	20 49	0 57	14 14	13 43	19 11		n.a.
T 14	22 32	12 37	0 35	21 42	2 4	25 1	1 15	24 1	1 17	20 59	1 11	19 25	1 43	13 56	0 17	23 21	0 12	20 49	0 57	14 15	13 42	19 10		n.a.
F 15	22 40	15 37	0s32	21 27	2 18	25 4	1 16	23 56	1 16	21 0	1 12	19 25	1 43	13 56	0 17	23 21	0 12	20 50	0 57	14 15	13 40	19 9		n.a.
S 16	22 47	17 54	1 37	21 13	2 32	25 6	1 18	23 51	1 16	21 1	1 12	19 26	1 44	13 55	0 17	23 21	0 12	20 50	0 57	14 14	13 39	19 8		n.a.
S 17	22 54	19 21	2 36	20 59	2 46	25 8	1 19	23 45	1 16	21 2	1 12	19 27	1 44	13 55	0 17	23 21	0 12	20 50	0 57	14 13	13 38	19 8		n.a.
M18	23 0	19 56	3 29	20 45	3 0	25 9	1 20	23 40	1 15	21 3	1 13	19 27	1 44	13 54	0 17	23 20	0 12	20 50	0 57	14 11	13 37	19 7		n.a.
T 19	23 6	19 37	4 11	20 32	3 14	25 9	1 21	23 34	1 15	21 4	1 13	19 28	1 44	13 54	0 17	23 20	0 12	20 51	0 57	14 9	13 36	19 6		n.a.
W20	23 12	18 27	4 43	20 20	3 27	25 8	1 23	23 28	1 15	21 5	1 13	19 29	1 45	13 53	0 17	23 20	0 12	20 51	0 56	14 7	13 35	19 5		n.a.
T 21	23 18	16 29	5 2	20 8	3 39	25 6	1 24	23 22	1 15	21 6	1 14	19 29	1 45	13 52	0 17	23 20	0 12	20 51	0 56	14 4	13 34	19 5		n.a.
F 22	23 22	13 50	5 9	19 57	3 51	25 4	1 25	23 15	1 14	21 7	1 14	19 30	1 45	13 52	0 17	23 20	0 12	20 52	0 56	14 2	13 33	19 4		n.a.
S 23	23 27	10 35	5 2	19 47	4 1	25 1	1 26	23 9	1 14	21 8	1 14	19 31	1 45	13 51	0 17	23 19	0 12	20 52	0 56	14 0	13 32	19 3		n.a.
S 24	23 31	6 51	4 42	19 37	4 11	24 57	1 27	23 2	1 14	21 9	1 14	19 32	1 45	13 51	0 16	23 19	0 12	20 52	0 56	13 59	13 31	19 2		n.a.
M25	23 35	2 46	4 8	19 29	4 19	24 53	1 27	22 55	1 13	21 11	1 15	19 33	1 46	13 50	0 16	23 19	0 12	20 53	0 56	13 58	13 30	19 1		n.a.
T 26	23 38	1s31	3 21	19 23	4 26	24 47	1 28	22 48	1 13	21 12	1 15	19 33	1 46	13 50	0 16	23 19	0 12	20 53	0 56	13 58	13 29	19 1		n.a.
W27	23 41	5 52	2 23	19 17	4 32	24 41	1 29	22 41	1 13	21 13	1 15	19 34	1 46	13 50	0 16	23 19	0 12	20 53	0 56	13 58	13 28	19 0		n.a.
T 28	23 43	10 5	1 16	19 13	4 36	24 34	1 30	22 34	1 12	21 15	1 16	19 35	1 46	13 49	0 16	23 18	0 12	20 54	0 56	13 59	13 27	18 59		n.a.
F 29	23 45	13 54	0 2	19 10	4 38	24 27	1 30	22 26	1 12	21 16	1 16	19 36	1 47	13 49	0 16	23 18	0 12	20 54	0 56	13 59	13 25	18 58		n.a.
S 30	23n47	17s 2	1n15	19n 9	4s39	24n19	1n31	22n19	1n12	21s17	1s16	19s37	1s47	13s48	0n16	23n18	0n12	20n54	0s56	13s59	13s24	18n57		n.a.

Julian Day Number = 1341714.5, Delta T = 07h15m10s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'37, Lahiri = -18°18'37 Julian Calendar 1 June 1040 BCE == Greg. Calendar 22 May 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

JULY 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 56 25	27♊51'52	5♐32	26°R35	17♋28	27♋23	1°R47	10°R22	6°R58	13♋41	7♊ 2	6°R41	4♏59	8♋29	n.a.	S 1
M 2	18 0 21	28°49'20	20°37	25♊50	18°42	28° 1	1♒42	10♒19	6♏57	13°43	7° 3	6♏36	4°56	8°36	n.a.	M 2
T 3	18 4 18	29°46'50	5♑53	25° 8	19°55	28°39	1°36	10°16	6°56	13°45	7° 5	6°30	4°53	8°42	n.a.	T 3
W 4	18 8 14	0♋44'21	21°10	24°28	21° 9	29°17	1°30	10°13	6°55	13°47	7° 6	6°22	4°50	8°49	n.a.	W 4
T 5	18 12 11	1°41'53	6♒16	23°52	22°23	29°55	1°25	10°10	6°54	13°50	7° 8	6°14	4°47	8°56	n.a.	T 5
F 6	18 16 7	2°39'27	21° 2	23°21	23°36	0♌34	1°19	10° 7	6°53	13°52	7° 9	6° 7	4°43	9° 2	n.a.	F 6
S 7	18 20 4	3°37'03	5♓23	22°56	24°50	1°12	1°13	10° 4	6°52	13°54	7°11	6° 2	4°40	9° 9	n.a.	S 7
S 8	18 24 1	4°34'40	19°15	22°36	26° 3	1°50	1° 6	10° 0	6°51	13°56	7°12	5°59	4°37	9°16	n.a.	S 8
M 9	18 27 57	5°32'18	2♈39	22°23	27°17	2°29	1° 0	9°57	6°50	13°58	7°14	5°D58	4°34	9°23	n.a.	M 9
T 10	18 31 54	6°29'59	15°38	22°D17	28°30	3° 7	0°54	9°54	6°49	14° 1	7°15	5°58	4°31	9°29	n.a.	T 10
W11	18 35 50	7°27'42	28°15	22°17	29°44	3°45	0°47	9°50	6°48	14° 3	7°16	5°58	4°27	9°36	n.a.	W11
T 12	18 39 47	8°25'26	10♉36	22°25	0♌58	4°24	0°40	9°47	6°47	14° 5	7°18	5°R59	4°24	9°43	n.a.	T 12
F 13	18 43 43	9°23'12	22°44	22°41	2°11	5° 2	0°33	9°43	6°47	14° 7	7°19	5°57	4°21	9°49	n.a.	F 13
S 14	18 47 40	10°21'00	4♊43	23° 4	3°25	5°41	0°26	9°39	6°46	14° 9	7°20	5°53	4°18	9°56	n.a.	S 14
S 15	18 51 36	11°18'49	16°37	23°34	4°38	6°20	0°19	9°36	6°45	14°12	7°22	5°47	4°15	10° 3	n.a.	S 15
M16	18 55 33	12°16'41	28°28	24°12	5°52	6°58	0°12	9°32	6°45	14°14	7°23	5°38	4°12	10°10	n.a.	M16
T 17	18 59 30	13°14'34	10♋19	24°57	7° 5	7°37	0° 5	9°28	6°44	14°16	7°24	5°27	4° 8	10°16	n.a.	T 17
W18	19 3 26	14°12'29	22°11	25°50	8°19	8°16	29♑58	9°24	6°44	14°18	7°26	5°14	4° 5	10°23	n.a.	W18
T 19	19 7 23	15°10'25	4♌ 5	26°49	9°32	8°55	29°50	9°20	6°44	14°21	7°27	5° 1	4° 2	10°30	n.a.	T 19
F 20	19 11 19	16° 8'23	16° 4	27°55	10°46	9°34	29°43	9°16	6°43	14°23	7°28	4°49	3°59	10°36	n.a.	F 20
S 21	19 15 16	17° 6'22	28° 8	29° 8	11°59	10°12	29°35	9°12	6°43	14°25	7°30	4°39	3°56	10°43	n.a.	S 21
S 22	19 19 12	18° 4'24	10♍20	0♋26	13°13	10°51	29°28	9° 8	6°43	14°27	7°31	4°31	3°53	10°50	n.a.	S 22
M23	19 23 9	19° 2'26	22°44	1°50	14°26	11°30	29°20	9° 3	6°42	14°29	7°32	4°26	3°49	10°57	n.a.	M23
T 24	19 27 5	20° 0'30	5♎22	3°19	15°40	12° 9	29°12	8°59	6°42	14°32	7°33	4°23	3°46	11° 3	n.a.	T 24
W25	19 31 2	20°58'36	18°17	4°52	16°53	12°48	29° 4	8°55	6°42	14°34	7°35	4°D22	3°43	11°10	n.a.	W25
T 26	19 34 59	21°56'44	1♏35	6°30	18° 7	13°28	28°57	8°51	6°42	14°36	7°36	4°R22	3°40	11°17	n.a.	T 26
F 27	19 38 55	22°54'52	15°18	8°12	19°20	14° 7	28°49	8°46	6°D42	14°38	7°37	4°22	3°37	11°23	n.a.	F 27
S 28	19 42 52	23°53'03	29°27	9°56	20°34	14°46	28°41	8°42	6°42	14°41	7°38	4°20	3°33	11°30	n.a.	S 28
S 29	19 46 48	24°51'15	14♐ 3	11°43	21°47	15°25	28°33	8°37	6°42	14°43	7°39	4°16	3°30	11°37	n.a.	S 29
M30	19 50 45	25°49'29	29° 1	13°33	23° 0	16° 4	28°25	8°33	6°42	14°45	7°40	4° 9	3°27	11°44	n.a.	M30
T 31	19 54 41	26♋47'45	14♑14	15♋24	24♌14	16♌44	28♑17	8♒28	6♏43	14♋47	7♊41	4♏ 0	3♏24	11♋50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23n48	19s 8	2n28	19n 9	4s37	24n10	1n31	22n11	1n11	21s19	1s16	19s38	1s47	13s48	0n16	23n18	0n12	20n55	0s56	13s58	13s23	18n57			n.a.
M 2	23 49	19 56	3 33	19 11	4 34	24 0	1 32	22 3	1 11	21 20	1 17	19 39	1 47	13 48	0 16	23 18	0 12	20 55	0 56	13 56	13 22	18 56			n.a.
T 3	23 49	19 18	4 24	19 15	4 29	23 50	1 32	21 54	1 11	21 22	1 17	19 40	1 47	13 47	0 16	23 17	0 12	20 55	0 56	13 54	13 21	18 55			n.a.
W 4	23 49	17 16	4 55	19 20	4 23	23 38	1 32	21 46	1 10	21 23	1 17	19 41	1 48	13 47	0 16	23 17	0 12	20 55	0 56	13 51	13 20	18 54			n.a.
T 5	23 48	14 4	5 6	19 26	4 14	23 27	1 32	21 38	1 10	21 25	1 17	19 42	1 48	13 46	0 16	23 17	0 12	20 56	0 56	13 48	13 19	18 53			n.a.
F 6	23 47	10 3	4 56	19 35	4 5	23 14	1 32	21 29	1 10	21 27	1 18	19 43	1 48	13 46	0 16	23 17	0 12	20 56	0 56	13 46	13 18	18 52			n.a.
S 7	23 46	5 33	4 27	19 44	3 53	23 1	1 32	21 20	1 9	21 28	1 18	19 44	1 48	13 46	0 16	23 16	0 12	20 56	0 56	13 44	13 17	18 52			n.a.
S 8	23 44	0 54	3 43	19 56	3 41	22 47	1 32	21 11	1 9	21 30	1 18	19 45	1 48	13 46	0 16	23 16	0 12	20 57	0 56	13 43	13 16	18 51			n.a.
M 9	23 42	3n38	2 48	20 8	3 28	22 32	1 32	21 2	1 9	21 32	1 18	19 46	1 49	13 45	0 16	23 16	0 12	20 57	0 55	13 43	13 15	18 50			n.a.
T 10	23 39	7 53	1 47	20 22	3 13	22 17	1 32	20 52	1 8	21 33	1 19	19 48	1 49	13 45	0 16	23 16	0 12	20 57	0 55	13 43	13 14	18 49			n.a.
W11	23 36	11 40	0 41	20 37	2 58	22 1	1 32	20 43	1 8	21 35	1 19	19 49	1 49	13 45	0 16	23 16	0 12	20 57	0 55	13 43	13 12	18 48			n.a.
T 12	23 33	14 51	0s25	20 54	2 42	21 45	1 32	20 33	1 8	21 37	1 19	19 50	1 49	13 45	0 16	23 15	0 12	20 58	0 55	13 43	13 11	18 47			n.a.
F 13	23 29	17 19	1 28	21 11	2 26	21 28	1 31	20 24	1 7	21 38	1 19	19 51	1 49	13 44	0 16	23 15	0 12	20 58	0 55	13 43	13 10	18 47			n.a.
S 14	23 24	19 1	2 27	21 28	2 10	21 10	1 31	20 14	1 7	21 40	1 20	19 52	1 50	13 44	0 16	23 15	0 12	20 58	0 55	13 42	13 9	18 46			n.a.
S 15	23 20	19 50	3 19	21 46	1 53	20 52	1 30	20 3	1 6	21 42	1 20	19 53	1 50	13 44	0 16	23 15	0 12	20 59	0 55	13 39	13 8	18 45			n.a.
M16	23 14	19 47	4 1	22 5	1 37	20 33	1 30	19 53	1 6	21 44	1 20	19 55	1 50	13 44	0 16	23 14	0 12	20 59	0 55	13 36	13 7	18 44			n.a.
T 17	23 9	18 52	4 33	22 23	1 20	20 13	1 29	19 43	1 6	21 45	1 20	19 56	1 50	13 44	0 16	23 14	0 12	20 59	0 55	13 33	13 6	18 43			n.a.
W18	23 3	17 8	4 54	22 41	1 4	19 53	1 28	19 32	1 5	21 47	1 20	19 57	1 50	13 43	0 16	23 14	0 12	20 59	0 55	13 28	13 5	18 42			n.a.
T 19	22 56	14 40	5 1	22 58	0 48	19 33	1 27	19 21	1 5	21 49	1 21	19 58	1 50	13 43	0 16	23 14	0 12	21 0	0 55	13 24	13 4	18 41			n.a.
F 20	22 49	11 34	4 56	23 15	0 33	19 12	1 26	19 11	1 5	21 51	1 21	20 0	1 51	13 43	0 16	23 13	0 12	21 0	0 55	13 20	13 3	18 41			n.a.
S 21	22 42	7 59	4 37	23 31	0 18	18 50	1 25	19 0	1 4	21 53	1 21	20 1	1 51	13 43	0 16	23 13	0 12	21 0	0 55	13 16	13 2	18 40			n.a.
S 22	22 34	4 2	4 5	23 45	0 4	18 28	1 24	18 48	1 4	21 54	1 21	20 2	1 51	13 43	0 16	23 13	0 12	21 0	0 55	13 14	13 0	18 39			n.a.
M23	22 26	0s 9	3 22	23 58	0n10	18 5	1 23	18 37	1 3	21 56	1 21	20 3	1 51	13 43	0 16	23 13	0 12	21 1	0 55	13 12	12 59	18 38			n.a.
T 24	22 18	4 24	2 27	24 9	0 22	17 42	1 22	18 26	1 3	21 58	1 22	20 5	1 51	13 43	0 16	23 13	0 12	21 1	0 55	13 11	12 58	18 37			n.a.
W25	22 9	8 34	1 24	24 18	0 34	17 18	1 21	18 14	1 3	22 0	1 22	20 6	1 51	13 43	0 16	23 12	0 12	21 1	0 55	13 11	12 57	18 36			n.a.
T 26	22 0	12 26	0 15	24 24	0 45	16 54	1 20	18 2	1 2	22 2	1 22	20 7	1 51	13 43	0 16	23 12	0 12	21 1	0 55	13 11	12 56	18 35			n.a.
F 27	21 50	15 46	0n58	24 29	0 55	16 30	1 18	17 50	1 2	22 3	1 22	20 9	1 52	13 43	0 16	23 12	0 12	21 2	0 55	13 11	12 55	18 34			n.a.
S 28	21 40	18 16	2 9	24 31	1 5	16 5	1 17	17 38	1 2	22 5	1 22	20 10	1 52	13 43	0 16	23 12	0 12	21 2	0 55	13 10	12 54	18 33			n.a.
S 29	21 30	19 39	3 13	24 30	1 13	15 39	1 15	17 26	1 1	22 7	1 22	20 11	1 52	13 43	0 16	23 11	0 12	21 2	0 55	13 9	12 53	18 33			n.a.
M30	21 19	19 42	4 6	24 27	1 20	15 13	1 14	17 14	1 1	22 9	1 22	20 12	1 52	13 43	0 16	23 11	0 12	21 2	0 54	13 6	12 52	18 32			n.a.
T 31	21n 8	18s21	4n43	24n21	1n27	14n47	1n12	17n 2	1n 0	22s11	1s23	20s14	1s52	13s43	0n16	23n11	0n12	21n 3	0s54	13s 3	12s51	18n31			n.a.

Julian Day Number = 1341744.5, Delta T = 07h15m08s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'33, Lahiri = -18°18'33 Julian Calendar 1 July 1040 BCE == Greg. Calendar 21 June 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

AUGUST 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 58 38	27♋46'03	29♉32	17♋17	25♌27	17♌23	28°R 9	8°R24	6♏43	14♋49	7♊43	3°R49	3♏21	11♋57	n.a.	W 1
T 2	20 2 34	28°44'22	14♒43	19°11	26°40	18° 3	28♉ 1	8♒19	6°43	14°52	7°44	3♏38	3°18	12° 4	n.a.	T 2
F 3	20 6 31	29°42'44	29°37	21° 5	27°54	18°42	27°53	8°15	6°44	14°54	7°45	3°28	3°14	12°10	n.a.	F 3
S 4	20 10 28	0♌41'07	14♓ 6	23° 0	29° 7	19°21	27°45	8°10	6°44	14°56	7°46	3°21	3°11	12°17	n.a.	S 4
S 5	20 14 24	1°39'33	28° 6	24°55	0♍20	20° 1	27°37	8° 6	6°44	14°58	7°47	3°15	3° 8	12°24	n.a.	S 5
M 6	20 18 21	2°38'01	11♈37	26°50	1°33	20°41	27°30	8° 1	6°45	15° 0	7°48	3°13	3° 5	12°31	n.a.	M 6
T 7	20 22 17	3°36'32	24°39	28°45	2°47	21°20	27°22	7°56	6°45	15° 2	7°49	3°12	3° 2	12°37	n.a.	T 7
W 8	20 26 14	4°35'04	7♉17	0♌39	4° 0	22° 0	27°14	7°52	6°46	15° 4	7°50	3°12	2°59	12°44	n.a.	W 8
T 9	20 30 10	5°33'40	19°36	2°33	5°13	22°40	27° 6	7°47	6°47	15° 7	7°51	3°11	2°55	12°51	n.a.	T 9
F 10	20 34 7	6°32'17	1♊41	4°26	6°26	23°19	26°58	7°42	6°47	15° 9	7°52	3° 9	2°52	12°57	n.a.	F 10
S 11	20 38 3	7°30'57	13°36	6°18	7°39	23°59	26°51	7°38	6°48	15°11	7°52	3° 5	2°49	13° 4	n.a.	S 11
S 12	20 42 0	8°29'39	25°27	8° 9	8°52	24°39	26°43	7°33	6°49	15°13	7°53	2°58	2°46	13°11	n.a.	S 12
M13	20 45 56	9°28'24	7♋17	10° 0	10° 6	25°19	26°35	7°28	6°50	15°15	7°54	2°48	2°43	13°18	n.a.	M13
T 14	20 49 53	10°27'10	19° 9	11°49	11°19	25°59	26°28	7°24	6°51	15°17	7°55	2°36	2°39	13°24	n.a.	T 14
W15	20 53 50	11°25'59	1♌ 5	13°38	12°32	26°39	26°20	7°19	6°52	15°19	7°56	2°22	2°36	13°31	n.a.	W15
T 16	20 57 46	12°24'50	13° 6	15°26	13°45	27°19	26°13	7°14	6°53	15°21	7°57	2° 8	2°33	13°38	n.a.	T 16
F 17	21 1 43	13°23'44	25°13	17°13	14°58	27°59	26° 6	7°10	6°54	15°23	7°57	1°55	2°30	13°44	n.a.	F 17
S 18	21 5 39	14°22'39	7♍28	18°58	16°11	28°40	25°59	7° 5	6°55	15°25	7°58	1°43	2°27	13°51	n.a.	S 18
S 19	21 9 36	15°21'36	19°51	20°43	17°24	29°20	25°51	7° 0	6°56	15°27	7°59	1°34	2°24	13°58	n.a.	S 19
M20	21 13 32	16°20'35	2♎25	22°27	18°37	0♍ 0	25°44	6°56	6°57	15°29	8° 0	1°28	2°20	14° 5	n.a.	M20
T 21	21 17 29	17°19'37	15°10	24°10	19°50	0°40	25°38	6°51	6°59	15°31	8° 0	1°25	2°17	14°11	n.a.	T 21
W22	21 21 25	18°18'40	28° 9	25°52	21° 3	1°21	25°31	6°47	7° 0	15°33	8° 1	1°D24	2°14	14°18	n.a.	W22
T 23	21 25 22	19°17'45	11♏26	27°33	22°16	2° 1	25°24	6°42	7° 1	15°35	8° 2	1°24	2°11	14°25	n.a.	T 23
F 24	21 29 18	20°16'52	25° 2	29°14	23°29	2°42	25°18	6°38	7° 3	15°37	8° 2	1°R24	2° 8	14°31	n.a.	F 24
S 25	21 33 15	21°16'01	9♐ 1	0♍53	24°41	3°22	25°11	6°33	7° 4	15°39	8° 3	1°23	2° 4	14°38	n.a.	S 25
S 26	21 37 12	22°15'12	23°21	2°31	25°54	4° 3	25° 5	6°29	7° 6	15°41	8° 4	1°20	2° 1	14°45	n.a.	S 26
M27	21 41 8	23°14'25	8♑ 1	4° 9	27° 7	4°43	24°59	6°24	7° 7	15°42	8° 4	1°14	1°58	14°52	n.a.	M27
T 28	21 45 5	24°13'39	22°55	5°46	28°20	5°24	24°53	6°20	7° 9	15°44	8° 5	1° 6	1°55	14°58	n.a.	T 28
W29	21 49 1	25°12'56	7♒57	7°22	29°32	6° 5	24°47	6°16	7°11	15°46	8° 5	0°56	1°52	15° 5	n.a.	W29
T 30	21 52 58	26°12'15	22°57	8°57	0♎45	6°45	24°41	6°12	7°12	15°48	8° 6	0°46	1°49	15°12	n.a.	T 30
F 31	21 56 54	27♌11'36	7♓45	10♍31	1♎58	7♍26	24♑36	6♒ 7	7♏14	15♋50	8♊ 6	0♏37	1♏45	15♋18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20n56	15s41	5n 0	24n12	1n32	14n20	1n10	16n49	1n 0	22s12	1s23	20s15	1s52	13s43	0n16	23n11	0n12	21n 3	0s54	12s59	12s49	18n30			n.a.
T 2	20 44	11 59	4 55	24 1	1 37	13 53	1 8	16 36	1 0	22 14	1 23	20 16	1 52	13 44	0 16	23 10	0 12	21 3	0 54	12 56	12 48	18 29			n.a.
F 3	20 32	7 34	4 30	23 48	1 41	13 26	1 7	16 24	0 59	22 16	1 23	20 18	1 52	13 44	0 16	23 10	0 12	21 3	0 54	12 52	12 47	18 28			n.a.
S 4	20 19	2 51	3 48	23 32	1 44	12 58	1 5	16 11	0 59	22 17	1 23	20 19	1 53	13 44	0 16	23 10	0 12	21 3	0 54	12 49	12 46	18 27			n.a.
S 5	20 6	1n53	2 54	23 13	1 46	12 30	1 3	15 58	0 58	22 19	1 23	20 20	1 53	13 44	0 16	23 10	0 12	21 4	0 54	12 48	12 45	18 26			n.a.
M 6	19 53	6 22	1 52	22 53	1 48	12 2	1 1	15 44	0 58	22 21	1 23	20 22	1 53	13 44	0 16	23 10	0 12	21 4	0 54	12 47	12 44	18 25			n.a.
T 7	19 39	10 23	0 45	22 30	1 49	11 33	0 59	15 31	0 58	22 23	1 23	20 23	1 53	13 44	0 16	23 9	0 12	21 4	0 54	12 46	12 43	18 24			n.a.
W 8	19 25	13 49	0s22	22 6	1 49	11 4	0 56	15 18	0 57	22 24	1 23	20 24	1 53	13 45	0 15	23 9	0 12	21 4	0 54	12 46	12 42	18 23			n.a.
T 9	19 11	16 32	1 26	21 40	1 48	10 35	0 54	15 4	0 57	22 26	1 23	20 26	1 53	13 45	0 15	23 9	0 12	21 4	0 54	12 46	12 41	18 22			n.a.
F 10	18 56	18 28	2 24	21 11	1 47	10 5	0 52	14 50	0 56	22 27	1 23	20 27	1 53	13 45	0 15	23 9	0 12	21 5	0 54	12 46	12 40	18 21			n.a.
S 11	18 41	19 33	3 16	20 42	1 46	9 36	0 49	14 37	0 56	22 29	1 23	20 28	1 53	13 45	0 15	23 8	0 12	21 5	0 54	12 44	12 38	18 21			n.a.
S 12	18 25	19 45	3 59	20 11	1 44	9 6	0 47	14 23	0 55	22 31	1 24	20 30	1 53	13 46	0 15	23 8	0 12	21 5	0 54	12 42	12 37	18 20			n.a.
M13	18 10	19 6	4 31	19 38	1 41	8 35	0 45	14 9	0 55	22 32	1 24	20 31	1 53	13 46	0 15	23 8	0 12	21 5	0 54	12 38	12 36	18 19			n.a.
T 14	17 54	17 37	4 52	19 5	1 38	8 5	0 42	13 55	0 55	22 34	1 24	20 32	1 53	13 46	0 15	23 8	0 12	21 5	0 54	12 34	12 35	18 18			n.a.
W15	17 37	15 21	5 0	18 30	1 35	7 34	0 40	13 40	0 54	22 35	1 24	20 33	1 53	13 47	0 15	23 8	0 12	21 6	0 54	12 29	12 34	18 17			n.a.
T 16	17 21	12 27	4 55	17 54	1 31	7 3	0 37	13 26	0 54	22 36	1 24	20 35	1 53	13 47	0 15	23 7	0 12	21 6	0 54	12 24	12 33	18 16			n.a.
F 17	17 4	8 59	4 36	17 18	1 27	6 32	0 34	13 11	0 53	22 38	1 24	20 36	1 54	13 47	0 15	23 7	0 12	21 6	0 54	12 20	12 32	18 15			n.a.
S 18	16 47	5 8	4 4	16 40	1 22	6 1	0 32	12 57	0 53	22 39	1 24	20 37	1 54	13 48	0 15	23 7	0 12	21 6	0 54	12 15	12 31	18 14			n.a.
S 19	16 29	1 0	3 21	16 2	1 18	5 30	0 29	12 42	0 52	22 41	1 24	20 39	1 54	13 48	0 15	23 7	0 12	21 6	0 54	12 12	12 30	18 13			n.a.
M20	16 11	3s13	2 27	15 23	1 13	4 58	0 26	12 27	0 52	22 42	1 24	20 40	1 54	13 49	0 15	23 6	0 12	21 6	0 54	12 10	12 29	18 12			n.a.
T 21	15 53	7 22	1 25	14 44	1 7	4 27	0 23	12 12	0 51	22 43	1 24	20 41	1 54	13 49	0 15	23 6	0 12	21 7	0 54	12 9	12 27	18 11			n.a.
W22	15 35	11 15	0 17	14 4	1 2	3 55	0 20	11 57	0 51	22 44	1 24	20 42	1 54	13 50	0 15	23 6	0 12	21 7	0 53	12 9	12 26	18 10			n.a.
T 23	15 16	14 40	0n53	13 23	0 56	3 23	0 17	11 42	0 51	22 46	1 24	20 43	1 54	13 50	0 15	23 6	0 12	21 7	0 53	12 9	12 25	18 9			n.a.
F 24	14 57	17 21	2 2	12 42	0 50	2 51	0 14	11 27	0 50	22 47	1 24	20 45	1 54	13 51	0 15	23 6	0 12	21 7	0 53	12 9	12 24	18 8			n.a.
S 25	14 38	19 6	3 6	12 1	0 44	2 19	0 11	11 12	0 50	22 48	1 24	20 46	1 54	13 51	0 15	23 5	0 12	21 7	0 53	12 8	12 23	18 7			n.a.
S 26	14 19	19 40	3 59	11 19	0 38	1 47	0 8	10 56	0 49	22 49	1 23	20 47	1 54	13 52	0 15	23 5	0 12	21 7	0 53	12 7	12 22	18 6			n.a.
M27	13 59	18 56	4 39	10 38	0 31	1 15	0 5	10 41	0 49	22 50	1 23	20 48	1 54	13 52	0 15	23 5	0 12	21 7	0 53	12 5	12 21	18 5			n.a.
T 28	13 39	16 55	5 0	9 55	0 25	0 42	0 2	10 25	0 48	22 51	1 23	20 49	1 54	13 53	0 15	23 5	0 13	21 7	0 53	12 2	12 20	18 4			n.a.
W29	13 19	13 44	5 1	9 13	0 18	0 10	0s 1	10 10	0 48	22 52	1 23	20 50	1 54	13 53	0 15	23 5	0 13	21 8	0 53	11 59	12 18	18 3			n.a.
T 30	12 59	9 40	4 41	8 31	0 11	0s22	0 4	9 54	0 47	22 53	1 23	20 51	1 54	13 54	0 15	23 4	0 13	21 8	0 53	11 55	12 17	18 2			n.a.
F 31	12n38	5s 3	4n 2	7n48	0n 5	0s54	0s 7	9n38	0n47	22s54	1s23	20s52	1s54	13s54	0n15	23n 4	0n13	21n 8	0s53	11s52	12s16	18n 1			n.a.

Julian Day Number = 1341775.5, Delta T = 07h15m07s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'29, Lahiri = -18°18'29 Julian Calendar 1 Aug. 1040 BCE == Greg. Calendar 22 July 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

SEPTEMBER 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 0 51	28♌10'59	22♓12	12♍ 5	3♎10	8♍ 7	24°R30	6°R 3	7♏16	15♋51	8♊ 7	0°R30	1♏42	15♋25	n.a.	S 1
S 2	22 4 47	29°10'24	6♈14	13°38	4°23	8°48	24♑25	5♒59	7°18	15°53	8° 7	0♏25	1°39	15°32	n.a.	S 2
M 3	22 8 44	0♍ 9'52	19°48	15°10	5°35	9°29	24°20	5°55	7°20	15°55	8° 7	0°22	1°36	15°39	n.a.	M 3
T 4	22 12 41	1° 9'22	2♉55	16°41	6°48	10°10	24°15	5°51	7°22	15°57	8° 8	0°D22	1°33	15°45	n.a.	T 4
W 5	22 16 37	2° 8'54	15°38	18°12	8° 0	10°51	24°10	5°47	7°24	15°58	8° 8	0°22	1°30	15°52	n.a.	W 5
T 6	22 20 34	3° 8'29	28° 0	19°42	9°13	11°32	24° 6	5°43	7°26	16° 0	8° 8	0°R23	1°26	15°59	n.a.	T 6
F 7	22 24 30	4° 8'07	10♊ 6	21°11	10°25	12°13	24° 1	5°39	7°28	16° 2	8° 9	0°23	1°23	16° 5	n.a.	F 7
S 8	22 28 27	5° 7'47	22° 3	22°39	11°38	12°54	23°57	5°36	7°30	16° 3	8° 9	0°21	1°20	16°12	n.a.	S 8
S 9	22 32 23	6° 7'29	3♋55	24° 7	12°50	13°36	23°53	5°32	7°32	16° 5	8° 9	0°17	1°17	16°19	n.a.	S 9
M10	22 36 20	7° 7'14	15°46	25°34	14° 2	14°17	23°49	5°28	7°34	16° 6	8° 9	0°11	1°14	16°26	n.a.	M10
T 11	22 40 16	8° 7'01	27°40	27° 0	15°15	14°58	23°46	5°25	7°37	16° 8	8°10	0° 3	1°10	16°32	n.a.	T 11
W12	22 44 13	9° 6'50	9♌40	28°25	16°27	15°40	23°42	5°21	7°39	16° 9	8°10	29♎54	1° 7	16°39	n.a.	W12
T 13	22 48 9	10° 6'42	21°49	29°50	17°39	16°21	23°39	5°18	7°41	16°11	8°10	29°44	1° 4	16°46	n.a.	T 13
F 14	22 52 6	11° 6'35	4♍ 8	1♎13	18°51	17° 2	23°36	5°15	7°44	16°12	8°10	29°34	1° 1	16°53	n.a.	F 14
S 15	22 56 3	12° 6'31	16°37	2°36	20° 3	17°44	23°33	5°11	7°46	16°14	8°10	29°26	0°58	16°59	n.a.	S 15
S 16	22 59 59	13° 6'29	29°17	3°58	21°15	18°26	23°30	5° 8	7°48	16°15	8°10	29°20	0°55	17° 6	n.a.	S 16
M17	23 3 56	14° 6'29	12♎ 8	5°18	22°27	19° 7	23°28	5° 5	7°51	16°17	8°10	29°17	0°51	17°13	n.a.	M17
T 18	23 7 52	15° 6'30	25°11	6°38	23°39	19°49	23°25	5° 2	7°53	16°18	8°R10	29°D15	0°48	17°19	n.a.	T 18
W19	23 11 49	16° 6'34	8♏26	7°56	24°51	20°31	23°23	4°59	7°56	16°19	8°10	29°15	0°45	17°26	n.a.	W19
T 20	23 15 45	17° 6'39	21°53	9°13	26° 3	21°13	23°21	4°56	7°59	16°21	8°10	29°17	0°42	17°33	n.a.	T 20
F 21	23 19 42	18° 6'46	5♐34	10°29	27°15	21°54	23°20	4°54	8° 1	16°22	8°10	29°18	0°39	17°40	n.a.	F 21
S 22	23 23 38	19° 6'55	19°29	11°43	28°27	22°36	23°18	4°51	8° 4	16°23	8°10	29°R19	0°36	17°46	n.a.	S 22
S 23	23 27 35	20° 7'06	3♑37	12°56	29°39	23°18	23°17	4°48	8° 7	16°24	8°10	29°18	0°32	17°53	n.a.	S 23
M24	23 31 31	21° 7'18	17°59	14° 7	0♏50	24° 0	23°16	4°46	8° 9	16°25	8°10	29°15	0°29	18° 0	n.a.	M24
T 25	23 35 28	22° 7'32	2♒29	15°16	2° 2	24°42	23°15	4°43	8°12	16°27	8°10	29°11	0°26	18° 6	n.a.	T 25
W26	23 39 25	23° 7'47	17° 5	16°23	3°14	25°24	23°14	4°41	8°15	16°28	8°10	29° 6	0°23	18°13	n.a.	W26
T 27	23 43 21	24° 8'04	1♓38	17°27	4°25	26° 6	23°14	4°39	8°18	16°29	8° 9	29° 0	0°20	18°20	n.a.	T 27
F 28	23 47 18	25° 8'23	16° 4	18°28	5°37	26°49	23°13	4°37	8°21	16°30	8° 9	28°55	0°16	18°27	n.a.	F 28
S 29	23 51 14	26° 8'44	0♈15	19°27	6°48	27°31	23°D13	4°35	8°24	16°31	8° 9	28°51	0°13	18°33	n.a.	S 29
S 30	23 55 11	27♍ 9'06	14♈ 7	20♎22	7♏59	28♍13	23♑13	4♒33	8♏27	16♋32	8♊ 9	28♎49	0♏10	18♋40	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n18	0s15	3n 9	7n 6	0s 2	1s27	0s11	9n22	0n46	22s55	1s23	20s53	1s54	13s55	0n15	23n 4	0n13	21n 8	0s53	11s49	12s15	18n 0		n.a.
S 2	11 57	4n25	2 5	6 24	0 9	1 59	0 14	9 6	0 46	22 56	1 23	20 54	1 54	13 56	0 15	23 4	0 13	21 8	0 53	11 48	12 14	17 59		n.a.
M 3	11 35	8 44	0 56	5 41	0 16	2 31	0 17	8 50	0 45	22 57	1 23	20 55	1 54	13 56	0 15	23 4	0 13	21 8	0 53	11 47	12 13	17 58		n.a.
T 4	11 14	12 28	0s14	4 59	0 23	3 3	0 20	8 34	0 45	22 58	1 23	20 56	1 54	13 57	0 15	23 3	0 13	21 8	0 53	11 47	12 12	17 57		n.a.
W 5	10 52	15 29	1 21	4 16	0 30	3 35	0 24	8 18	0 44	22 58	1 23	20 57	1 54	13 58	0 15	23 3	0 13	21 8	0 53	11 47	12 11	17 56		n.a.
T 6	10 31	17 43	2 22	3 34	0 37	4 7	0 27	8 1	0 44	22 59	1 23	20 58	1 54	13 58	0 15	23 3	0 13	21 8	0 53	11 47	12 10	17 55		n.a.
F 7	10 9	19 5	3 16	2 52	0 45	4 39	0 30	7 45	0 43	23 0	1 23	20 59	1 54	13 59	0 15	23 3	0 13	21 9	0 53	11 47	12 8	17 54		n.a.
S 8	9 47	19 34	4 1	2 10	0 52	5 11	0 34	7 29	0 43	23 1	1 22	21 0	1 54	14 0	0 15	23 3	0 13	21 9	0 53	11 47	12 7	17 53		n.a.
S 9	9 24	19 11	4 35	1 29	0 59	5 43	0 37	7 12	0 42	23 1	1 22	21 1	1 54	14 1	0 15	23 2	0 13	21 9	0 53	11 45	12 6	17 52		n.a.
M10	9 2	17 58	4 57	0 47	1 6	6 14	0 40	6 55	0 42	23 2	1 22	21 2	1 54	14 1	0 15	23 2	0 13	21 9	0 53	11 43	12 5	17 51		n.a.
T 11	8 39	15 58	5 6	0 6	1 13	6 46	0 44	6 39	0 41	23 2	1 22	21 3	1 54	14 2	0 15	23 2	0 13	21 9	0 53	11 40	12 4	17 50		n.a.
W12	8 17	13 16	5 2	0s34	1 19	7 17	0 47	6 22	0 41	23 3	1 22	21 4	1 53	14 3	0 15	23 2	0 13	21 9	0 53	11 37	12 3	17 49		n.a.
T 13	7 54	9 59	4 44	1 15	1 26	7 49	0 50	6 5	0 40	23 3	1 22	21 4	1 53	14 4	0 15	23 2	0 13	21 9	0 53	11 33	12 2	17 48		n.a.
F 14	7 31	6 14	4 13	1 55	1 33	8 20	0 54	5 48	0 40	23 4	1 22	21 5	1 53	14 4	0 15	23 2	0 13	21 9	0 53	11 30	12 1	17 47		n.a.
S 15	7 8	2 10	3 29	2 34	1 39	8 50	0 57	5 31	0 39	23 4	1 22	21 6	1 53	14 5	0 15	23 2	0 13	21 9	0 53	11 27	11 59	17 46		n.a.
S 16	6 44	2s 4	2 35	3 13	1 46	9 21	1 1	5 14	0 39	23 4	1 22	21 7	1 53	14 6	0 15	23 1	0 13	21 9	0 52	11 25	11 58	17 45		n.a.
M17	6 21	6 16	1 31	3 51	1 52	9 52	1 4	4 57	0 38	23 5	1 21	21 7	1 53	14 7	0 15	23 1	0 13	21 9	0 52	11 23	11 57	17 44		n.a.
T 18	5 57	10 14	0 22	4 29	1 58	10 22	1 7	4 40	0 38	23 5	1 21	21 8	1 53	14 8	0 15	23 1	0 13	21 9	0 52	11 23	11 56	17 43		n.a.
W19	5 34	13 45	0n50	5 6	2 4	10 52	1 11	4 23	0 37	23 5	1 21	21 9	1 53	14 9	0 15	23 1	0 13	21 9	0 52	11 23	11 55	17 42		n.a.
T 20	5 10	16 36	2 0	5 42	2 10	11 22	1 14	4 6	0 37	23 5	1 21	21 9	1 53	14 9	0 15	23 1	0 13	21 9	0 52	11 23	11 54	17 41		n.a.
F 21	4 46	18 33	3 4	6 17	2 16	11 51	1 17	3 49	0 36	23 6	1 21	21 10	1 53	14 10	0 15	23 1	0 13	21 9	0 52	11 24	11 53	17 40		n.a.
S 22	4 22	19 25	3 59	6 52	2 21	12 20	1 20	3 31	0 36	23 6	1 21	21 11	1 53	14 11	0 15	23 1	0 13	21 9	0 52	11 24	11 52	17 38		n.a.
S 23	3 58	19 6	4 40	7 25	2 26	12 49	1 24	3 14	0 35	23 6	1 21	21 11	1 53	14 12	0 15	23 0	0 13	21 9	0 52	11 24	11 50	17 37		n.a.
M24	3 34	17 33	5 5	7 57	2 30	13 18	1 27	2 57	0 35	23 6	1 20	21 12	1 53	14 13	0 15	23 0	0 13	21 9	0 52	11 23	11 49	17 36		n.a.
T 25	3 10	14 53	5 10	8 28	2 35	13 46	1 30	2 39	0 34	23 6	1 20	21 12	1 53	14 14	0 14	23 0	0 13	21 9	0 52	11 21	11 48	17 35		n.a.
W26	2 46	11 16	4 56	8 58	2 39	14 14	1 33	2 22	0 34	23 6	1 20	21 13	1 52	14 15	0 14	23 0	0 13	21 9	0 52	11 19	11 47	17 34		n.a.
T 27	2 22	6 59	4 22	9 27	2 42	14 42	1 36	2 4	0 33	23 6	1 20	21 13	1 52	14 16	0 14	23 0	0 13	21 9	0 52	11 17	11 46	17 33		n.a.
F 28	1 58	2 20	3 32	9 53	2 45	15 9	1 39	1 47	0 32	23 6	1 20	21 14	1 52	14 17	0 14	23 0	0 13	21 9	0 52	11 16	11 45	17 32		n.a.
S 29	1 33	2n23	2 30	10 18	2 47	15 36	1 42	1 29	0 32	23 5	1 20	21 14	1 52	14 18	0 14	23 0	0 13	21 9	0 52	11 14	11 44	17 31		n.a.
S 30	1n 9	6n52	1n19	10s41	2s49	16s 3	1s45	1n12	0n31	23s 5	1s19	21s14	1s52	14s19	0n14	23n 0	0n13	21n 9	0s52	11s13	11s43	17n30		n.a.

Julian Day Number = 1341806.5, Delta T = 07h15m05s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'25, Lahiri = -18°18'24 Julian Calendar 1 Sept. 1040 BCE == Greg. Calendar 22 Aug. 1040 BCE

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

OCTOBER 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 59 7	28♍ 9'31	27♈37	21♎13	9♏11	28♍55	23♑14	4°R31	8♏30	16♋33	8°R 8	28°D48	0♏ 7	18♋47	n.a.	M 1
T 2	0 3 4	29° 9'57	10♉43	22° 0	10°22	29°38	23°14	4♒29	8°33	16°34	8♊ 8	28♎48	0° 4	18°53	n.a.	T 2
W 3	0 7 0	0♎10'26	23°28	22°42	11°33	0♎20	23°15	4°28	8°36	16°35	8° 8	28°50	0° 1	19° 0	n.a.	W 3
T 4	0 10 57	1°10'56	5♊53	23°18	12°44	1° 3	23°16	4°26	8°39	16°36	8° 7	28°51	29♎57	19° 7	n.a.	T 4
F 5	0 14 54	2°11'28	18° 3	23°49	13°55	1°45	23°17	4°25	8°42	16°36	8° 7	28°53	29°54	19°14	n.a.	F 5
S 6	0 18 50	3°12'03	0♋ 2	24°13	15° 6	2°28	23°18	4°23	8°45	16°37	8° 7	28°R54	29°51	19°20	n.a.	S 6
S 7	0 22 47	4°12'39	11°56	24°30	16°17	3°11	23°20	4°22	8°48	16°38	8° 6	28°54	29°48	19°27	n.a.	S 7
M 8	0 26 43	5°13'17	23°48	24°R39	17°27	3°53	23°22	4°21	8°51	16°39	8° 6	28°52	29°45	19°34	n.a.	M 8
T 9	0 30 40	6°13'57	5♌43	24°39	18°38	4°36	23°24	4°20	8°54	16°39	8° 5	28°50	29°41	19°41	n.a.	T 9
W10	0 34 36	7°14'39	17°46	24°29	19°49	5°19	23°26	4°19	8°58	16°40	8° 5	28°47	29°38	19°47	n.a.	W10
T 11	0 38 33	8°15'23	0♍ 1	24°10	20°59	6° 2	23°28	4°18	9° 1	16°41	8° 4	28°43	29°35	19°54	n.a.	T 11
F 12	0 42 29	9°16'08	12°28	23°40	22°10	6°44	23°31	4°18	9° 4	16°41	8° 4	28°40	29°32	20° 1	n.a.	F 12
S 13	0 46 26	10°16'55	25°11	23° 0	23°20	7°27	23°33	4°17	9° 8	16°42	8° 3	28°37	29°29	20° 7	n.a.	S 13
S 14	0 50 22	11°17'44	8♎10	22° 9	24°30	8°10	23°36	4°17	9°11	16°43	8° 2	28°35	29°26	20°14	n.a.	S 14
M15	0 54 19	12°18'34	21°23	21° 9	25°41	8°53	23°39	4°16	9°14	16°43	8° 2	28°34	29°22	20°21	n.a.	M15
T 16	0 58 16	13°19'25	4♏51	20° 0	26°51	9°37	23°43	4°16	9°18	16°43	8° 1	28°D34	29°19	20°28	n.a.	T 16
W17	1 2 12	14°20'18	18°31	18°45	28° 1	10°20	23°46	4°16	9°21	16°44	8° 0	28°35	29°16	20°34	n.a.	W17
T 18	1 6 9	15°21'12	2♐22	17°25	29°11	11° 3	23°50	4°D16	9°24	16°44	8° 0	28°36	29°13	20°41	n.a.	T 18
F 19	1 10 5	16°22'07	16°21	16° 3	0♐20	11°46	23°54	4°16	9°28	16°45	7°59	28°37	29°10	20°48	n.a.	F 19
S 20	1 14 2	17°23'03	0♑26	14°42	1°30	12°29	23°58	4°16	9°31	16°45	7°58	28°38	29° 7	20°54	n.a.	S 20
S 21	1 17 58	18°24'00	14°35	13°24	2°40	13°13	24° 2	4°16	9°35	16°45	7°58	28°R38	29° 3	21° 1	n.a.	S 21
M22	1 21 55	19°24'58	28°47	12°12	3°49	13°56	24° 7	4°17	9°38	16°46	7°57	28°38	29° 0	21° 8	n.a.	M22
T 23	1 25 52	20°25'57	12♒59	11° 8	4°58	14°40	24°12	4°17	9°42	16°46	7°56	28°38	28°57	21°15	n.a.	T 23
W24	1 29 48	21°26'57	27° 8	10°14	6° 8	15°23	24°17	4°18	9°45	16°46	7°55	28°37	28°54	21°21	n.a.	W24
T 25	1 33 45	22°27'57	11♓12	9°31	7°17	16° 6	24°22	4°19	9°49	16°46	7°54	28°36	28°51	21°28	n.a.	T 25
F 26	1 37 41	23°28'58	25° 8	8°59	8°26	16°50	24°27	4°20	9°52	16°46	7°54	28°35	28°47	21°35	n.a.	F 26
S 27	1 41 38	24°30'01	8♈52	8°39	9°34	17°34	24°32	4°20	9°56	16°46	7°53	28°35	28°44	21°42	n.a.	S 27
S 28	1 45 34	25°31'04	22°22	8°D30	10°43	18°17	24°38	4°22	9°59	16°47	7°52	28°D35	28°41	21°48	n.a.	S 28
M29	1 49 31	26°32'08	5♉36	8°31	11°51	19° 1	24°44	4°23	10° 3	16°R47	7°51	28°35	28°38	21°55	n.a.	M29
T 30	1 53 27	27°33'13	18°33	8°43	13° 0	19°45	24°49	4°24	10° 7	16°47	7°50	28°35	28°35	22° 2	n.a.	T 30
W31	1 57 24	28♎34'20	1♊13	9♎ 4	14♐ 8	20♎29	24♑56	4♒25	10♏10	16♋47	7♊49	28°R35	28♎32	22♋ 8	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n45	10n53	0n 6	11s 2	2s50	16s29	1s48	0n54	0n31	23s 5	1s19	21s15	1s52	14s20	0n14	22n59	0n13	21n 9	0s52	11s13	11s41	17n29			n.a.
T 2	0 20	14 15	1s 5	11 20	2 51	16 55	1 51	0 37	0 30	23 5	1 19	21 15	1 52	14 21	0 14	22 59	0 13	21 9	0 52	11 13	11 40	17 28			n.a.
W 3	0s 4	16 49	2 11	11 36	2 50	17 21	1 54	0 19	0 30	23 5	1 19	21 15	1 52	14 22	0 14	22 59	0 13	21 9	0 52	11 14	11 39	17 27			n.a.
T 4	0 29	18 31	3 10	11 48	2 49	17 46	1 57	0 1	0 29	23 4	1 19	21 16	1 52	14 23	0 14	22 59	0 13	21 9	0 52	11 14	11 38	17 26			n.a.
F 5	0 53	19 19	3 58	11 58	2 47	18 10	2 0	0s16	0 29	23 4	1 19	21 16	1 52	14 24	0 14	22 59	0 13	21 9	0 52	11 15	11 37	17 24			n.a.
S 6	1 18	19 13	4 36	12 4	2 43	18 34	2 3	0 34	0 28	23 3	1 18	21 16	1 51	14 25	0 14	22 59	0 13	21 9	0 52	11 15	11 36	17 23			n.a.
S 7	1 42	18 17	5 1	12 5	2 39	18 58	2 5	0 52	0 27	23 3	1 18	21 16	1 51	14 26	0 14	22 59	0 13	21 9	0 52	11 15	11 35	17 22			n.a.
M 8	2 6	16 33	5 13	12 3	2 32	19 21	2 8	1 10	0 27	23 3	1 18	21 16	1 51	14 27	0 14	22 59	0 13	21 9	0 52	11 15	11 33	17 21			n.a.
T 9	2 31	14 6	5 12	11 56	2 25	19 44	2 10	1 27	0 26	23 2	1 18	21 17	1 51	14 28	0 14	22 59	0 13	21 9	0 51	11 14	11 32	17 20			n.a.
W10	2 55	11 2	4 57	11 44	2 16	20 6	2 13	1 45	0 26	23 1	1 18	21 17	1 51	14 29	0 14	22 59	0 13	21 9	0 51	11 13	11 31	17 19			n.a.
T 11	3 19	7 27	4 29	11 27	2 5	20 27	2 15	2 3	0 25	23 1	1 18	21 17	1 51	14 30	0 14	22 59	0 13	21 9	0 51	11 11	11 30	17 18			n.a.
F 12	3 44	3 29	3 48	11 4	1 52	20 49	2 18	2 21	0 24	23 0	1 17	21 17	1 51	14 31	0 14	22 59	0 13	21 9	0 51	11 10	11 29	17 17			n.a.
S 13	4 8	0s43	2 54	10 35	1 38	21 9	2 20	2 38	0 24	23 0	1 17	21 17	1 51	14 32	0 14	22 59	0 13	21 9	0 51	11 9	11 28	17 16			n.a.
S 14	4 32	4 58	1 50	10 1	1 22	21 29	2 22	2 56	0 23	22 59	1 17	21 17	1 51	14 33	0 14	22 58	0 13	21 9	0 51	11 8	11 27	17 14			n.a.
M15	4 56	9 5	0 40	9 22	1 5	21 49	2 24	3 14	0 23	22 58	1 17	21 17	1 50	14 35	0 14	22 58	0 13	21 9	0 51	11 8	11 25	17 13			n.a.
T 16	5 20	12 48	0n35	8 39	0 46	22 8	2 26	3 32	0 22	22 57	1 17	21 17	1 50	14 36	0 14	22 58	0 13	21 9	0 51	11 8	11 24	17 12			n.a.
W17	5 44	15 53	1 48	7 51	0 26	22 26	2 28	3 49	0 22	22 57	1 17	21 17	1 50	14 37	0 14	22 58	0 13	21 9	0 51	11 8	11 23	17 11			n.a.
T 18	6 8	18 5	2 56	7 1	0 5	22 44	2 30	4 7	0 21	22 56	1 16	21 17	1 50	14 38	0 14	22 58	0 13	21 9	0 51	11 9	11 22	17 10			n.a.
F 19	6 32	19 13	3 55	6 10	0n15	23 1	2 32	4 25	0 20	22 55	1 16	21 16	1 50	14 39	0 14	22 58	0 13	21 9	0 51	11 9	11 21	17 9			n.a.
S 20	6 56	19 10	4 39	5 20	0 36	23 17	2 34	4 42	0 20	22 54	1 16	21 16	1 50	14 40	0 14	22 58	0 14	21 9	0 51	11 9	11 20	17 8			n.a.
S 21	7 19	17 55	5 7	4 31	0 55	23 33	2 35	5 0	0 19	22 53	1 16	21 16	1 50	14 41	0 14	22 58	0 14	21 9	0 51	11 10	11 19	17 7			n.a.
M22	7 43	15 34	5 17	3 46	1 14	23 49	2 37	5 18	0 19	22 52	1 16	21 16	1 50	14 42	0 14	22 58	0 14	21 9	0 51	11 10	11 17	17 5			n.a.
T 23	8 6	12 17	5 7	3 5	1 30	24 3	2 38	5 35	0 18	22 51	1 16	21 16	1 49	14 43	0 14	22 58	0 14	21 8	0 51	11 9	11 16	17 4			n.a.
W24	8 29	8 18	4 39	2 30	1 45	24 17	2 39	5 53	0 17	22 50	1 15	21 15	1 49	14 45	0 14	22 58	0 14	21 8	0 51	11 9	11 15	17 3			n.a.
T 25	8 53	3 53	3 54	2 1	1 58	24 30	2 41	6 11	0 17	22 49	1 15	21 15	1 49	14 46	0 14	22 58	0 14	21 8	0 51	11 9	11 14	17 2			n.a.
F 26	9 16	0n42	2 55	1 39	2 9	24 43	2 42	6 28	0 16	22 48	1 15	21 15	1 49	14 47	0 14	22 58	0 14	21 8	0 51	11 9	11 13	17 1			n.a.
S 27	9 38	5 12	1 47	1 22	2 18	24 55	2 43	6 46	0 15	22 47	1 15	21 14	1 49	14 48	0 14	22 58	0 14	21 8	0 51	11 8	11 12	17 0			n.a.
S 28	10 1	9 22	0 34	1 12	2 25	25 6	2 44	7 3	0 15	22 46	1 15	21 14	1 49	14 49	0 14	22 58	0 14	21 8	0 51	11 8	11 11	16 59			n.a.
M29	10 24	12 59	0s39	1 8	2 30	25 17	2 45	7 21	0 14	22 44	1 15	21 14	1 49	14 50	0 14	22 58	0 14	21 8	0 51	11 8	11 9	16 57			n.a.
T 30	10 46	15 53	1 49	1 10	2 34	25 27	2 45	7 38	0 14	22 43	1 14	21 13	1 49	14 52	0 14	22 58	0 14	21 8	0 51	11 8	11 8	16 56			n.a.
W31	11s 8	17n56	2s51	1s16	2n36	25s36	2s46	7s55	0n13	22s42	1s14	21s13	1s48	14s53	0n14	22n58	0n14	21n 8	0s50	11s 8	11s 7	16n55			n.a.

Julian Day Number = 1341836.5, Delta T = 07h15m04s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'21, Lahiri = -18°18'20 Julian Calendar 1 Oct. 1040 BCE == Greg. Calendar 21 Sept. 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

NOVEMBER 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 1 20	29♎35'27	13♊37	9♎33	15♐16	21♎12	25♑ 2	4♒27	10♏14	16°R46	7°R48	28°R35	28♎28	22♋15	n.a.	T 1
F 2	2 5 17	0♏36'36	25°48	10°10	16°24	21°56	25° 8	4°28	10°17	16♋46	7♊47	28♎35	28°25	22°22	n.a.	F 2
S 3	2 9 14	1°37'45	7♋49	10°54	17°31	22°40	25°15	4°30	10°21	16°46	7°46	28°34	28°22	22°29	n.a.	S 3
S 4	2 13 10	2°38'55	19°43	11°43	18°39	23°24	25°22	4°32	10°25	16°46	7°45	28°34	28°19	22°35	n.a.	S 4
M 5	2 17 7	3°40'07	1♌35	12°38	19°46	24° 8	25°29	4°34	10°28	16°46	7°44	28°D34	28°16	22°42	n.a.	M 5
T 6	2 21 3	4°41'19	13°30	13°37	20°53	24°52	25°36	4°36	10°32	16°46	7°43	28°34	28°12	22°49	n.a.	T 6
W 7	2 25 0	5°42'32	25°33	14°41	22° 0	25°36	25°43	4°38	10°36	16°45	7°42	28°34	28° 9	22°56	n.a.	W 7
T 8	2 28 56	6°43'47	7♍47	15°47	23° 7	26°21	25°50	4°40	10°39	16°45	7°41	28°35	28° 6	23° 2	n.a.	T 8
F 9	2 32 53	7°45'01	20°18	16°57	24°13	27° 5	25°58	4°42	10°43	16°45	7°40	28°36	28° 3	23° 9	n.a.	F 9
S 10	2 36 50	8°46'17	3♎ 7	18° 9	25°19	27°49	26° 6	4°45	10°47	16°44	7°39	28°37	28° 0	23°16	n.a.	S 10
S 11	2 40 46	9°47'33	16°18	19°24	26°26	28°33	26°14	4°47	10°50	16°44	7°38	28°38	27°57	23°22	n.a.	S 11
M12	2 44 43	10°48'50	29°50	20°41	27°31	29°18	26°22	4°50	10°54	16°43	7°37	28°R38	27°53	23°29	n.a.	M12
T 13	2 48 39	11°50'08	13♏42	21°59	28°37	0♏ 2	26°30	4°53	10°58	16°43	7°35	28°38	27°50	23°36	n.a.	T 13
W14	2 52 36	12°51'25	27°50	23°19	29°42	0°47	26°38	4°56	11° 1	16°42	7°34	28°36	27°47	23°43	n.a.	W14
T 15	2 56 32	13°52'44	12♐11	24°41	0♑47	1°31	26°47	4°59	11° 5	16°42	7°33	28°35	27°44	23°49	n.a.	T 15
F 16	3 0 29	14°54'02	26°39	26° 3	1°52	2°16	26°55	5° 2	11° 9	16°41	7°32	28°32	27°41	23°56	n.a.	F 16
S 17	3 4 25	15°55'20	11♑ 7	27°27	2°57	3° 0	27° 4	5° 5	11°12	16°41	7°31	28°30	27°38	24° 3	n.a.	S 17
S 18	3 8 22	16°56'38	25°32	28°52	4° 1	3°45	27°13	5° 8	11°16	16°40	7°30	28°28	27°34	24° 9	n.a.	S 18
M19	3 12 19	17°57'57	9♒49	0♏17	5° 5	4°30	27°22	5°11	11°19	16°39	7°28	28°27	27°31	24°16	n.a.	M19
T 20	3 16 15	18°59'14	23°55	1°43	6° 8	5°14	27°31	5°15	11°23	16°39	7°27	28°D27	27°28	24°23	n.a.	T 20
W21	3 20 12	20° 0'32	7♓49	3°10	7°12	5°59	27°40	5°18	11°27	16°38	7°26	28°28	27°25	24°30	n.a.	W21
T 22	3 24 8	21° 1'49	21°31	4°37	8°15	6°44	27°50	5°22	11°30	16°37	7°25	28°29	27°22	24°36	n.a.	T 22
F 23	3 28 5	22° 3'06	5♈ 0	6° 5	9°17	7°29	27°59	5°26	11°34	16°36	7°24	28°31	27°18	24°43	n.a.	F 23
S 24	3 32 1	23° 4'23	18°16	7°34	10°19	8°13	28° 9	5°29	11°38	16°35	7°22	28°32	27°15	24°50	n.a.	S 24
S 25	3 35 58	24° 5'40	1♉20	9° 3	11°21	8°58	28°19	5°33	11°41	16°35	7°21	28°R33	27°12	24°57	n.a.	S 25
M26	3 39 54	25° 6'56	14°12	10°32	12°23	9°43	28°29	5°37	11°45	16°34	7°20	28°32	27° 9	25° 3	n.a.	M26
T 27	3 43 51	26° 8'12	26°53	12° 2	13°24	10°28	28°39	5°41	11°48	16°33	7°19	28°29	27° 6	25°10	n.a.	T 27
W28	3 47 48	27° 9'28	9♊21	13°33	14°24	11°13	28°49	5°45	11°52	16°32	7°17	28°25	27° 3	25°17	n.a.	W28
T 29	3 51 44	28°10'44	21°38	15° 4	15°24	11°58	28°59	5°50	11°55	16°31	7°16	28°20	26°59	25°23	n.a.	T 29
F 30	3 55 41	29♏12'00	3♋46	16♏35	16♑24	12♏43	29♑10	5♒54	11♏59	16♋30	7♊15	28♎14	26♎56	25♋30	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s30	19n 5	3s45	1s27	2n36	25s44	2s46	8s13	0n12	22s41	1s14	21s12	1s48	14s54	0n14	22n58	0n14	21n 8	0s50	11s 8	11s 6	16n54		n.a.
F 2	11 52	19 18	4 27	1 42	2 36	25 52	2 47	8 30	0 12	22 39	1 14	21 12	1 48	14 55	0 14	22 58	0 14	21 7	0 50	11 8	11 5	16 53		n.a.
S 3	12 14	18 39	4 57	2 1	2 34	25 59	2 47	8 47	0 11	22 38	1 14	21 11	1 48	14 56	0 14	22 58	0 14	21 7	0 50	11 8	11 4	16 52		n.a.
S 4	12 35	17 10	5 13	2 23	2 32	26 6	2 47	9 4	0 10	22 36	1 14	21 11	1 48	14 57	0 14	22 58	0 14	21 7	0 50	11 8	11 3	16 50		n.a.
M 5	12 56	14 58	5 17	2 47	2 29	26 11	2 47	9 21	0 10	22 35	1 13	21 10	1 48	14 59	0 14	22 59	0 14	21 7	0 50	11 8	11 1	16 49		n.a.
T 6	13 17	12 8	5 7	3 14	2 25	26 16	2 47	9 38	0 9	22 33	1 13	21 9	1 48	15 0	0 14	22 59	0 14	21 7	0 50	11 8	11 0	16 48		n.a.
W 7	13 38	8 46	4 43	3 43	2 20	26 20	2 46	9 55	0 8	22 32	1 13	21 9	1 48	15 1	0 14	22 59	0 14	21 7	0 50	11 8	10 59	16 47		n.a.
T 8	13 58	4 59	4 6	4 14	2 15	26 24	2 46	10 12	0 8	22 30	1 13	21 8	1 47	15 2	0 14	22 59	0 14	21 7	0 50	11 8	10 58	16 46		n.a.
F 9	14 19	0 54	3 17	4 46	2 10	26 27	2 45	10 29	0 7	22 29	1 13	21 7	1 47	15 3	0 14	22 59	0 14	21 7	0 50	11 9	10 57	16 45		n.a.
S 10	14 39	3s21	2 17	5 19	2 4	26 29	2 45	10 46	0 7	22 27	1 13	21 7	1 47	15 4	0 14	22 59	0 14	21 7	0 50	11 9	10 56	16 43		n.a.
S 11	14 59	7 33	1 8	5 54	1 58	26 30	2 44	11 2	0 6	22 25	1 13	21 6	1 47	15 6	0 14	22 59	0 14	21 6	0 50	11 9	10 54	16 42		n.a.
M12	15 18	11 29	0n 7	6 29	1 52	26 30	2 43	11 19	0 5	22 24	1 12	21 5	1 47	15 7	0 14	22 59	0 14	21 6	0 50	11 9	10 53	16 41		n.a.
T 13	15 37	14 53	1 22	7 5	1 45	26 30	2 42	11 35	0 5	22 22	1 12	21 4	1 47	15 8	0 14	22 59	0 14	21 6	0 50	11 9	10 52	16 40		n.a.
W14	15 57	17 29	2 35	7 41	1 38	26 29	2 41	11 52	0 4	22 20	1 12	21 3	1 47	15 9	0 14	22 59	0 14	21 6	0 50	11 9	10 51	16 39		n.a.
T 15	16 15	19 0	3 38	8 18	1 31	26 28	2 39	12 8	0 3	22 18	1 12	21 3	1 47	15 10	0 14	22 59	0 14	21 6	0 50	11 8	10 50	16 37		n.a.
F 16	16 34	19 18	4 28	8 55	1 24	26 26	2 38	12 24	0 3	22 17	1 12	21 2	1 46	15 11	0 14	22 59	0 14	21 6	0 50	11 7	10 49	16 36		n.a.
S 17	16 52	18 20	5 1	9 32	1 17	26 23	2 36	12 41	0 2	22 15	1 12	21 1	1 46	15 12	0 14	22 59	0 14	21 6	0 50	11 7	10 48	16 35		n.a.
S 18	17 10	16 12	5 15	10 9	1 10	26 19	2 34	12 57	0 1	22 13	1 12	21 0	1 46	15 14	0 14	23 0	0 14	21 5	0 50	11 6	10 46	16 34		n.a.
M19	17 27	13 6	5 9	10 47	1 2	26 15	2 32	13 13	0 1	22 11	1 11	20 59	1 46	15 15	0 14	23 0	0 14	21 5	0 49	11 6	10 45	16 33		n.a.
T 20	17 44	9 17	4 45	11 24	0 55	26 10	2 30	13 28	0s 0	22 9	1 11	20 58	1 46	15 16	0 14	23 0	0 14	21 5	0 49	11 6	10 44	16 31		n.a.
W21	18 1	5 0	4 4	12 1	0 48	26 4	2 27	13 44	0 1	22 7	1 11	20 57	1 46	15 17	0 14	23 0	0 14	21 5	0 49	11 6	10 43	16 30		n.a.
T 22	18 18	0 31	3 10	12 38	0 40	25 58	2 25	14 0	0 1	22 5	1 11	20 56	1 46	15 18	0 14	23 0	0 14	21 5	0 49	11 6	10 42	16 29		n.a.
F 23	18 34	3n56	2 6	13 14	0 33	25 51	2 22	14 15	0 2	22 3	1 11	20 55	1 46	15 19	0 14	23 0	0 14	21 5	0 49	11 7	10 41	16 28		n.a.
S 24	18 50	8 8	0 56	13 51	0 26	25 43	2 19	14 31	0 3	22 1	1 11	20 54	1 46	15 21	0 14	23 0	0 14	21 5	0 49	11 7	10 39	16 26		n.a.
S 25	19 5	11 53	0s15	14 27	0 19	25 35	2 16	14 46	0 3	21 59	1 11	20 53	1 45	15 22	0 14	23 0	0 14	21 4	0 49	11 7	10 38	16 25		n.a.
M26	19 21	15 0	1 25	15 2	0 12	25 26	2 13	15 1	0 4	21 56	1 11	20 52	1 45	15 23	0 14	23 0	0 14	21 4	0 49	11 7	10 37	16 24		n.a.
T 27	19 35	17 21	2 29	15 37	0 4	25 17	2 10	15 16	0 5	21 54	1 10	20 51	1 45	15 24	0 14	23 1	0 14	21 4	0 49	11 6	10 36	16 23		n.a.
W28	19 50	18 49	3 25	16 12	0s 3	25 7	2 6	15 31	0 6	21 52	1 10	20 49	1 45	15 25	0 14	23 1	0 14	21 4	0 49	11 5	10 35	16 22		n.a.
T 29	20 4	19 23	4 11	16 46	0 9	24 56	2 2	15 46	0 6	21 50	1 10	20 48	1 45	15 26	0 14	23 1	0 14	21 4	0 49	11 3	10 34	16 20		n.a.
F 30	20s18	19n 2	4s44	17s19	0s16	24s45	1s58	16s 1	0s 7	21s47	1s10	20s47	1s45	15s27	0n14	23n 1	0n14	21n 4	0s49	11s 1	10s32	16n19		n.a.

Julian Day Number = 1341867.5, Delta T = 07h15m02s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'16, Lahiri = -18°18'16 Julian Calendar 1 Nov. 1040 BCE == Greg. Calendar 22 Oct. 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1040 BCE
geocentric

DECEMBER 1040 BCE (-1039) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 37	0♐13'15	15♋45	18♏ 7	17♑23	13♏29	29♑20	5♒58	12♏ 3	16°R29	7°R14	28°R 9	26♎53	25♋37	n.a.	S 1
S 2	4 3 34	1°14'31	27°39	19°39	18°22	14°14	29°31	6° 3	12° 6	16♋28	7♊12	28♎ 3	26°50	25°44	n.a.	S 2
M 3	4 7 30	2°15'46	9♌30	21°11	19°20	14°59	29°42	6° 7	12°10	16°27	7°11	27°59	26°47	25°50	n.a.	M 3
T 4	4 11 27	3°17'01	21°24	22°44	20°18	15°44	29°53	6°12	12°13	16°26	7°10	27°57	26°44	25°57	n.a.	T 4
W 5	4 15 24	4°18'15	3♍23	24°17	21°15	16°30	0♒ 4	6°17	12°17	16°25	7° 8	27°D56	26°40	26° 4	n.a.	W 5
T 6	4 19 20	5°19'30	15°34	25°51	22°12	17°15	0°15	6°22	12°20	16°23	7° 7	27°56	26°37	26°11	n.a.	T 6
F 7	4 23 17	6°20'44	28° 1	27°26	23° 8	18° 0	0°26	6°26	12°23	16°22	7° 6	27°58	26°34	26°17	n.a.	F 7
S 8	4 27 13	7°21'57	10♎48	29° 0	24° 4	18°46	0°37	6°31	12°27	16°21	7° 5	28° 0	26°31	26°24	n.a.	S 8
S 9	4 31 10	8°23'11	24° 0	0♐36	24°58	19°31	0°49	6°37	12°30	16°20	7° 3	28°R 1	26°28	26°31	n.a.	S 9
M10	4 35 6	9°24'24	7♏39	2°11	25°53	20°17	1° 0	6°42	12°34	16°19	7° 2	28° 0	26°24	26°37	n.a.	M10
T 11	4 39 3	10°25'36	21°43	3°47	26°46	21° 2	1°12	6°47	12°37	16°17	7° 1	27°58	26°21	26°44	n.a.	T 11
W12	4 42 59	11°26'48	6♐12	5°24	27°39	21°48	1°23	6°52	12°40	16°16	7° 0	27°54	26°18	26°51	n.a.	W12
T 13	4 46 56	12°27'59	20°59	7° 1	28°31	22°33	1°35	6°57	12°44	16°15	6°58	27°47	26°15	26°58	n.a.	T 13
F 14	4 50 53	13°29'10	5♑55	8°39	29°22	23°19	1°47	7° 3	12°47	16°13	6°57	27°40	26°12	27° 4	n.a.	F 14
S 15	4 54 49	14°30'19	20°53	10°18	0♒13	24° 5	1°59	7° 8	12°50	16°12	6°56	27°33	26° 9	27°11	n.a.	S 15
S 16	4 58 46	15°31'27	5♒42	11°57	1° 3	24°50	2°11	7°14	12°53	16°11	6°54	27°26	26° 5	27°18	n.a.	S 16
M17	5 2 42	16°32'34	20°17	13°36	1°52	25°36	2°23	7°20	12°57	16° 9	6°53	27°21	26° 2	27°25	n.a.	M17
T 18	5 6 39	17°33'39	4♓32	15°16	2°40	26°22	2°35	7°25	13° 0	16° 8	6°52	27°18	25°59	27°31	n.a.	T 18
W19	5 10 35	18°34'43	18°26	16°57	3°27	27° 8	2°48	7°31	13° 3	16° 6	6°51	27°D17	25°56	27°38	n.a.	W19
T 20	5 14 32	19°35'46	1♈59	18°39	4°13	27°53	3° 0	7°37	13° 6	16° 5	6°49	27°18	25°53	27°45	n.a.	T 20
F 21	5 18 29	20°36'48	15°13	20°21	4°58	28°39	3°12	7°43	13° 9	16° 3	6°48	27°19	25°50	27°51	n.a.	F 21
S 22	5 22 25	21°37'48	28°10	22° 3	5°42	29°25	3°25	7°49	13°12	16° 2	6°47	27°R19	25°46	27°58	n.a.	S 22
S 23	5 26 22	22°38'46	10♉54	23°47	6°25	0♐11	3°37	7°55	13°15	16° 0	6°46	27°18	25°43	28° 5	n.a.	S 23
M24	5 30 18	23°39'44	23°26	25°31	7° 7	0°57	3°50	8° 1	13°18	15°59	6°44	27°15	25°40	28°12	n.a.	M24
T 25	5 34 15	24°40'40	5♊49	27°15	7°47	1°43	4° 3	8° 7	13°21	15°57	6°43	27° 9	25°37	28°18	n.a.	T 25
W26	5 38 11	25°41'34	18° 3	29° 1	8°27	2°29	4°16	8°13	13°24	15°56	6°42	27° 0	25°34	28°25	n.a.	W26
T 27	5 42 8	26°42'28	0♋10	0♑46	9° 5	3°15	4°29	8°19	13°27	15°54	6°41	26°50	25°30	28°32	n.a.	T 27
F 28	5 46 4	27°43'20	12°11	2°33	9°41	4° 1	4°42	8°26	13°30	15°53	6°40	26°38	25°27	28°38	n.a.	F 28
S 29	5 50 1	28°44'11	24° 7	4°20	10°17	4°47	4°55	8°32	13°33	15°51	6°38	26°25	25°24	28°45	n.a.	S 29
S 30	5 53 58	29°45'00	6♌ 0	6° 7	10°51	5°33	5° 8	8°38	13°36	15°50	6°37	26°13	25°21	28°52	n.a.	S 30
M31	5 57 54	0♑45'48	17♌51	7♑55	11♒23	6♐19	5♒21	8♒45	13♏39	15♋48	6♊36	26♎ 4	25♎18	28♋59	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s31	17n50	5s 4	17s52	0s23	24s33	1s54	16s15	0s 8	21s45	1s10	20s46	1s45	15s28	0n14	23n 1	0n14	21n 4	0s49	10s59	10s31	16n18		n.a.
S 2	20 44	15 52	5 12	18 24	0 29	24 21	1 50	16 29	0 8	21 43	1 10	20 45	1 45	15 29	0 14	23 1	0 14	21 3	0 49	10 57	10 30	16 17		n.a.
M 3	20 56	13 15	5 5	18 55	0 36	24 8	1 46	16 44	0 9	21 40	1 10	20 43	1 45	15 31	0 14	23 1	0 14	21 3	0 49	10 55	10 29	16 15		n.a.
T 4	21 9	10 5	4 46	19 25	0 42	23 55	1 41	16 58	0 10	21 38	1 10	20 42	1 44	15 32	0 14	23 2	0 14	21 3	0 49	10 55	10 28	16 14		n.a.
W 5	21 20	6 29	4 14	19 55	0 48	23 41	1 36	17 12	0 10	21 35	1 10	20 41	1 44	15 33	0 14	23 2	0 14	21 3	0 48	10 54	10 27	16 13		n.a.
T 6	21 32	2 33	3 30	20 24	0 54	23 27	1 31	17 25	0 11	21 33	1 9	20 39	1 44	15 34	0 14	23 2	0 14	21 3	0 48	10 54	10 25	16 12		n.a.
F 7	21 43	1s34	2 36	20 52	1 0	23 12	1 26	17 39	0 12	21 30	1 9	20 38	1 44	15 35	0 14	23 2	0 14	21 3	0 48	10 55	10 24	16 10		n.a.
S 8	21 53	5 45	1 32	21 19	1 6	22 57	1 20	17 53	0 12	21 28	1 9	20 37	1 44	15 36	0 14	23 2	0 15	21 2	0 48	10 56	10 23	16 9		n.a.
S 9	22 3	9 47	0 22	21 45	1 11	22 42	1 14	18 6	0 13	21 25	1 9	20 35	1 44	15 37	0 14	23 2	0 15	21 2	0 48	10 56	10 22	16 8		n.a.
M10	22 13	13 28	0n52	22 10	1 16	22 26	1 9	18 19	0 14	21 22	1 9	20 34	1 44	15 38	0 14	23 3	0 15	21 2	0 48	10 56	10 21	16 7		n.a.
T 11	22 22	16 28	2 5	22 34	1 21	22 9	1 3	18 32	0 15	21 20	1 9	20 33	1 44	15 39	0 14	23 3	0 15	21 2	0 48	10 55	10 20	16 5		n.a.
W12	22 31	18 32	3 12	22 57	1 26	21 53	0 56	18 45	0 15	21 17	1 9	20 31	1 44	15 40	0 14	23 3	0 15	21 2	0 48	10 53	10 18	16 4		n.a.
T 13	22 39	19 24	4 7	23 19	1 30	21 36	0 50	18 57	0 16	21 14	1 9	20 30	1 44	15 41	0 14	23 3	0 15	21 2	0 48	10 51	10 17	16 3		n.a.
F 14	22 47	18 55	4 46	23 39	1 35	21 18	0 43	19 10	0 17	21 11	1 9	20 28	1 44	15 42	0 14	23 3	0 15	21 2	0 48	10 48	10 16	16 2		n.a.
S 15	22 54	17 8	5 6	23 58	1 39	21 1	0 36	19 22	0 17	21 9	1 9	20 27	1 44	15 43	0 14	23 3	0 15	21 1	0 48	10 46	10 15	16 0		n.a.
S 16	23 1	14 13	5 4	24 16	1 42	20 43	0 29	19 34	0 18	21 6	1 9	20 25	1 43	15 44	0 14	23 4	0 15	21 1	0 48	10 43	10 14	15 59		n.a.
M17	23 7	10 28	4 44	24 32	1 46	20 24	0 22	19 46	0 19	21 3	1 8	20 24	1 43	15 45	0 14	23 4	0 15	21 1	0 48	10 41	10 13	15 58		n.a.
T 18	23 13	6 12	4 5	24 48	1 49	20 6	0 14	19 58	0 19	21 0	1 8	20 22	1 43	15 46	0 14	23 4	0 15	21 1	0 48	10 40	10 11	15 56		n.a.
W19	23 19	1 41	3 14	25 1	1 52	19 47	0 6	20 9	0 20	20 57	1 8	20 20	1 43	15 47	0 14	23 4	0 15	21 1	0 48	10 40	10 10	15 55		n.a.
T 20	23 24	2n49	2 12	25 13	1 54	19 29	0n 2	20 20	0 21	20 54	1 8	20 19	1 43	15 48	0 14	23 4	0 15	21 1	0 48	10 40	10 9	15 54		n.a.
F 21	23 29	7 4	1 5	25 23	1 56	19 10	0 10	20 31	0 22	20 51	1 8	20 17	1 43	15 49	0 14	23 5	0 15	21 0	0 47	10 41	10 8	15 53		n.a.
S 22	23 33	10 55	0s 5	25 32	1 58	18 50	0 19	20 42	0 22	20 48	1 8	20 16	1 43	15 50	0 14	23 5	0 15	21 0	0 47	10 41	10 7	15 51		n.a.
S 23	23 37	14 11	1 12	25 39	1 59	18 31	0 27	20 53	0 23	20 45	1 8	20 14	1 43	15 51	0 14	23 5	0 15	21 0	0 47	10 41	10 6	15 50		n.a.
M24	23 40	16 45	2 15	25 44	2 0	18 12	0 36	21 3	0 24	20 42	1 8	20 12	1 43	15 52	0 14	23 5	0 15	21 0	0 47	10 39	10 4	15 49		n.a.
T 25	23 42	18 29	3 11	25 48	2 1	17 52	0 46	21 14	0 24	20 39	1 8	20 11	1 43	15 53	0 14	23 5	0 15	21 0	0 47	10 37	10 3	15 48		n.a.
W26	23 45	19 20	3 57	25 49	2 1	17 33	0 55	21 24	0 25	20 36	1 8	20 9	1 43	15 54	0 14	23 6	0 15	21 0	0 47	10 34	10 2	15 46		n.a.
T 27	23 46	19 18	4 31	25 49	2 0	17 14	1 5	21 33	0 26	20 32	1 8	20 7	1 43	15 54	0 14	23 6	0 15	21 0	0 47	10 30	10 1	15 45		n.a.
F 28	23 48	18 23	4 53	25 47	1 59	16 54	1 15	21 43	0 26	20 29	1 8	20 5	1 43	15 55	0 14	23 6	0 15	21 0	0 47	10 26	10 0	15 44		n.a.
S 29	23 49	16 40	5 3	25 42	1 58	16 35	1 25	21 52	0 27	20 26	1 8	20 4	1 43	15 56	0 14	23 6	0 15	20 59	0 47	10 21	9 58	15 42		n.a.
S 30	23 49	14 15	4 59	25 36	1 56	16 16	1 35	22 1	0 28	20 23	1 8	20 2	1 43	15 57	0 14	23 6	0 15	20 59	0 47	10 17	9 57	15 41		n.a.
M31	23s49	11n15	4s42	25s28	1s53	15s56	1n46	22s10	0s29	20s19	1s 8	20s 0	1s43	15s58	0n14	23n 7	0n15	20n59	0s47	10s13	9s56	15n40		n.a.

Julian Day Number = 1341897.5, Delta T = 07h15m01s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'12, Lahiri = -18°18'12 Julian Calendar 1 Dec. 1040 BCE == Greg. Calendar 21 Nov. 1040 BCE

The year -1039 astronomical counting style corresponds to year 1040 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

JANUARY 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 1 51	1♉46'35	29♌44	9♉43	11♒54	7♐ 5	5♒34	8♒51	13♏41	15°R46	6°R35	25°R56	25♎15	29♋ 5	n.a.	T 1
W 2	6 5 47	2°47'21	11♍42	11°31	12°23	7°51	5°47	8°58	13°44	15♋45	6♊34	25♎51	25°11	29°12	n.a.	W 2
T 3	6 9 44	3°48'05	23°49	13°19	12°51	8°37	6° 1	9° 4	13°47	15°43	6°33	25°49	25° 8	29°19	n.a.	T 3
F 4	6 13 40	4°48'48	6♎11	15° 7	13°17	9°24	6°14	9°11	13°49	15°41	6°32	25°D48	25° 5	29°26	n.a.	F 4
S 5	6 17 37	5°49'30	18°52	16°55	13°41	10°10	6°27	9°18	13°52	15°40	6°30	25°R49	25° 2	29°32	n.a.	S 5
S 6	6 21 33	6°50'10	1♏58	18°42	14° 3	10°56	6°41	9°25	13°55	15°38	6°29	25°49	24°59	29°39	n.a.	S 6
M 7	6 25 30	7°50'49	15°31	20°29	14°23	11°42	6°54	9°31	13°57	15°36	6°28	25°47	24°55	29°46	n.a.	M 7
T 8	6 29 27	8°51'27	29°35	22°14	14°42	12°29	7° 8	9°38	14° 0	15°35	6°27	25°43	24°52	29°52	n.a.	T 8
W 9	6 33 23	9°52'04	14♐ 7	23°58	14°58	13°15	7°22	9°45	14° 2	15°33	6°26	25°37	24°49	29°59	n.a.	W 9
T 10	6 37 20	10°52'39	29° 3	25°40	15°12	14° 1	7°35	9°52	14° 4	15°31	6°25	25°28	24°46	0♌ 6	n.a.	T 10
F 11	6 41 16	11°53'12	14♉16	27°19	15°24	14°48	7°49	9°59	14° 7	15°30	6°24	25°17	24°43	0°13	n.a.	F 11
S 12	6 45 13	12°53'43	29°33	28°56	15°34	15°34	8° 3	10° 6	14° 9	15°28	6°23	25° 5	24°40	0°19	n.a.	S 12
S 13	6 49 9	13°54'13	14♒45	0♒29	15°42	16°21	8°17	10°13	14°11	15°26	6°22	24°55	24°36	0°26	n.a.	S 13
M14	6 53 6	14°54'41	29°40	1°58	15°47	17° 7	8°30	10°20	14°14	15°25	6°21	24°47	24°33	0°33	n.a.	M14
T 15	6 57 2	15°55'06	14♓12	3°23	15°50	17°53	8°44	10°27	14°16	15°23	6°20	24°41	24°30	0°40	n.a.	T 15
W16	7 0 59	16°55'29	28°17	4°42	15°R50	18°40	8°58	10°34	14°18	15°21	6°19	24°38	24°27	0°46	n.a.	W16
T 17	7 4 56	17°55'50	11♈54	5°55	15°48	19°26	9°12	10°41	14°20	15°20	6°18	24°37	24°24	0°53	n.a.	T 17
F 18	7 8 52	18°56'09	25° 7	7° 2	15°43	20°13	9°26	10°48	14°22	15°18	6°17	24°37	24°21	1° 0	n.a.	F 18
S 19	7 12 49	19°56'26	7♉58	8° 2	15°36	20°59	9°40	10°56	14°24	15°16	6°17	24°37	24°17	1° 6	n.a.	S 19
S 20	7 16 45	20°56'41	20°32	8°53	15°26	21°46	9°54	11° 3	14°26	15°15	6°16	24°35	24°14	1°13	n.a.	S 20
M21	7 20 42	21°56'53	2♊53	9°36	15°14	22°32	10° 8	11°10	14°28	15°13	6°15	24°30	24°11	1°20	n.a.	M21
T 22	7 24 38	22°57'04	15° 3	10°11	14°59	23°19	10°23	11°17	14°30	15°11	6°14	24°23	24° 8	1°27	n.a.	T 22
W23	7 28 35	23°57'12	27° 6	10°36	14°42	24° 5	10°37	11°25	14°32	15°10	6°13	24°12	24° 5	1°33	n.a.	W23
T 24	7 32 31	24°57'18	9♋ 5	10°52	14°22	24°52	10°51	11°32	14°34	15° 8	6°12	23°59	24° 1	1°40	n.a.	T 24
F 25	7 36 28	25°57'22	21° 0	10°R59	14° 0	25°38	11° 5	11°39	14°35	15° 6	6°12	23°45	23°58	1°47	n.a.	F 25
S 26	7 40 25	26°57'24	2♌53	10°56	13°35	26°25	11°19	11°47	14°37	15° 5	6°11	23°30	23°55	1°54	n.a.	S 26
S 27	7 44 21	27°57'24	14°45	10°44	13° 9	27°12	11°34	11°54	14°39	15° 3	6°10	23°16	23°52	2° 0	n.a.	S 27
M28	7 48 18	28°57'22	26°38	10°23	12°40	27°58	11°48	12° 2	14°40	15° 2	6° 9	23° 4	23°49	2° 7	n.a.	M28
T 29	7 52 14	29°57'18	8♍34	9°54	12° 9	28°45	12° 2	12° 9	14°42	15° 0	6° 9	22°54	23°46	2°14	n.a.	T 29
W30	7 56 11	0♒57'12	20°35	9°17	11°37	29°31	12°16	12°16	14°43	14°58	6° 8	22°48	23°42	2°20	n.a.	W30
T 31	8 0 7	1♒57'04	2♎44	8♒34	11♒ 3	0♉18	12♒31	12♒24	14♏45	14♋57	6♊ 7	22♎44	23♎39	2♌27	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s48	7n49	4s12	25s17	1s50	15s37	1n57	22s19	0s29	20s16	1s 7	19s58	1s42	15s59	0n14	23n 7	0n15	20n59	0s47	10s10	9s55	15n38		n.a.
W 2	23 47	4 2	3 32	25 4	1 46	15 18	2 8	22 27	0 30	20 13	1 7	19 57	1 42	16 0	0 14	23 7	0 15	20 59	0 47	10 9	9 54	15 37		n.a.
T 3	23 46	0 2	2 41	24 49	1 42	15 0	2 19	22 36	0 31	20 9	1 7	19 55	1 42	16 0	0 14	23 7	0 15	20 59	0 47	10 8	9 53	15 36		n.a.
F 4	23 44	4s 3	1 42	24 33	1 37	14 41	2 31	22 43	0 31	20 6	1 7	19 53	1 42	16 1	0 14	23 7	0 15	20 59	0 46	10 8	9 51	15 34		n.a.
S 5	23 41	8 4	0 37	24 13	1 31	14 23	2 43	22 51	0 32	20 2	1 7	19 51	1 42	16 2	0 14	23 8	0 15	20 59	0 46	10 8	9 50	15 33		n.a.
S 6	23 38	11 50	0n33	23 52	1 24	14 5	2 55	22 59	0 33	19 59	1 7	19 49	1 42	16 3	0 14	23 8	0 15	20 58	0 46	10 8	9 49	15 32		n.a.
M 7	23 35	15 7	1 43	23 29	1 17	13 48	3 7	23 6	0 33	19 55	1 7	19 47	1 42	16 4	0 14	23 8	0 15	20 58	0 46	10 7	9 48	15 31		n.a.
T 8	23 31	17 38	2 49	23 4	1 8	13 31	3 19	23 13	0 34	19 52	1 7	19 45	1 42	16 4	0 14	23 8	0 15	20 58	0 46	10 6	9 47	15 29		n.a.
W 9	23 27	19 7	3 46	22 38	1 0	13 14	3 32	23 19	0 35	19 48	1 7	19 44	1 42	16 5	0 14	23 9	0 15	20 58	0 46	10 3	9 46	15 28		n.a.
T 10	23 22	19 19	4 30	22 10	0 50	12 57	3 44	23 26	0 36	19 45	1 7	19 42	1 42	16 6	0 14	23 9	0 15	20 58	0 46	10 0	9 44	15 27		n.a.
F 11	23 17	18 9	4 55	21 40	0 39	12 42	3 57	23 32	0 36	19 41	1 7	19 40	1 42	16 6	0 14	23 9	0 15	20 58	0 46	9 56	9 43	15 25		n.a.
S 12	23 11	15 41	5 0	21 9	0 28	12 26	4 10	23 38	0 37	19 37	1 7	19 38	1 42	16 7	0 14	23 9	0 15	20 58	0 46	9 52	9 42	15 24		n.a.
S 13	23 5	12 9	4 43	20 37	0 16	12 12	4 23	23 44	0 38	19 34	1 7	19 36	1 42	16 8	0 14	23 9	0 15	20 58	0 46	9 48	9 41	15 23		n.a.
M14	22 58	7 55	4 7	20 5	0 3	11 57	4 37	23 49	0 38	19 30	1 7	19 34	1 42	16 9	0 14	23 10	0 15	20 58	0 46	9 45	9 40	15 21		n.a.
T 15	22 51	3 18	3 16	19 32	0n11	11 44	4 50	23 54	0 39	19 26	1 7	19 32	1 42	16 9	0 14	23 10	0 15	20 57	0 46	9 42	9 38	15 20		n.a.
W16	22 44	1n21	2 14	18 59	0 25	11 31	5 3	23 59	0 40	19 22	1 7	19 30	1 42	16 10	0 14	23 10	0 15	20 57	0 46	9 41	9 37	15 19		n.a.
T 17	22 36	5 48	1 7	18 27	0 39	11 19	5 16	24 4	0 40	19 19	1 7	19 28	1 42	16 10	0 14	23 10	0 15	20 57	0 45	9 41	9 36	15 17		n.a.
F 18	22 27	9 50	0s 3	17 56	0 55	11 8	5 30	24 8	0 41	19 15	1 7	19 26	1 42	16 11	0 14	23 10	0 15	20 57	0 45	9 41	9 35	15 16		n.a.
S 19	22 19	13 17	1 10	17 25	1 10	10 57	5 43	24 12	0 42	19 11	1 7	19 24	1 42	16 12	0 14	23 11	0 15	20 57	0 45	9 41	9 34	15 15		n.a.
S 20	22 9	16 2	2 12	16 56	1 26	10 48	5 56	24 16	0 42	19 7	1 7	19 22	1 42	16 12	0 14	23 11	0 15	20 57	0 45	9 40	9 33	15 13		n.a.
M21	22 0	18 0	3 7	16 30	1 42	10 39	6 9	24 19	0 43	19 3	1 7	19 20	1 42	16 13	0 14	23 11	0 15	20 57	0 45	9 38	9 31	15 12		n.a.
T 22	21 50	19 7	3 53	16 5	1 57	10 31	6 21	24 22	0 44	18 59	1 7	19 18	1 42	16 13	0 14	23 11	0 15	20 57	0 45	9 36	9 30	15 10		n.a.
W23	21 39	19 20	4 27	15 43	2 13	10 24	6 34	24 25	0 44	18 55	1 7	19 16	1 42	16 14	0 14	23 11	0 15	20 57	0 45	9 32	9 29	15 9		n.a.
T 24	21 29	18 41	4 49	15 24	2 28	10 19	6 46	24 28	0 45	18 51	1 7	19 14	1 42	16 15	0 14	23 12	0 15	20 57	0 45	9 27	9 28	15 8		n.a.
F 25	21 17	17 14	4 59	15 9	2 43	10 14	6 57	24 30	0 46	18 47	1 7	19 11	1 42	16 15	0 14	23 12	0 15	20 57	0 45	9 21	9 27	15 6		n.a.
S 26	21 6	15 2	4 55	14 56	2 56	10 10	7 9	24 32	0 46	18 43	1 7	19 9	1 42	16 16	0 14	23 12	0 15	20 57	0 45	9 16	9 25	15 5		n.a.
S 27	20 54	12 13	4 39	14 47	3 9	10 7	7 19	24 34	0 47	18 39	1 7	19 7	1 42	16 16	0 14	23 12	0 15	20 57	0 45	9 11	9 24	15 4		n.a.
M28	20 41	8 55	4 10	14 42	3 20	10 5	7 30	24 36	0 48	18 35	1 7	19 5	1 42	16 17	0 14	23 12	0 15	20 57	0 45	9 6	9 23	15 2		n.a.
T 29	20 29	5 14	3 31	14 40	3 30	10 4	7 39	24 37	0 48	18 31	1 7	19 3	1 42	16 17	0 14	23 13	0 15	20 57	0 45	9 2	9 22	15 1		n.a.
W30	20 16	1 20	2 41	14 42	3 39	10 4	7 48	24 38	0 49	18 27	1 7	19 1	1 42	16 17	0 14	23 13	0 15	20 57	0 44	9 0	9 21	15 0		n.a.
T 31	20s 2	2s41	1s44	14s47	3n45	10s 6	7n56	24s39	0s50	18s23	1s 7	18s59	1s42	16s18	0n14	23n13	0n15	20n56	0s44	8s59	9s19	14n58		n.a.

Julian Day Number = 1341928.5, Delta T = 07h14m59s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'08, Lahiri = -18°18'08 Julian Calendar 1 Jan. 1039 BCE == Greg. Calendar 22 Dec. 1040 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

FEBRUARY 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 4 4	2♒56'54	15♎ 6	7°R45	10°R28	1♑ 4	12♒45	12♒31	14♏46	14°R55	6°R 7	22°R42	23♎36	2♌34	n.a.	F 1
S 2	8 8 0	3°56'43	27°44	6♒52	9♒52	1°51	13° 0	12°39	14°48	14♋54	6♊ 6	22♎42	23°33	2°41	n.a.	S 2
S 3	8 11 57	4°56'30	10♏44	5°56	9°15	2°38	13°14	12°46	14°49	14°52	6° 6	22°42	23°30	2°47	n.a.	S 3
M 4	8 15 54	5°56'14	24° 9	4°58	8°38	3°24	13°28	12°54	14°50	14°50	6° 5	22°41	23°27	2°54	n.a.	M 4
T 5	8 19 50	6°55'58	8♐ 2	4° 0	8° 0	4°11	13°43	13° 1	14°51	14°49	6° 4	22°38	23°23	3° 1	n.a.	T 5
W 6	8 23 47	7°55'39	22°25	3° 2	7°22	4°58	13°57	13° 9	14°53	14°47	6° 4	22°32	23°20	3° 7	n.a.	W 6
T 7	8 27 43	8°55'18	7♑13	2° 7	6°44	5°44	14°12	13°16	14°54	14°46	6° 3	22°24	23°17	3°14	n.a.	T 7
F 8	8 31 40	9°54'56	22°22	1°15	6° 7	6°31	14°26	13°24	14°55	14°44	6° 3	22°14	23°14	3°21	n.a.	F 8
S 9	8 35 36	10°54'31	7♒42	0°27	5°30	7°17	14°41	13°32	14°56	14°43	6° 3	22° 3	23°11	3°28	n.a.	S 9
S 10	8 39 33	11°54'04	23° 0	29♑43	4°54	8° 4	14°55	13°39	14°57	14°41	6° 2	21°53	23° 7	3°34	n.a.	S 10
M11	8 43 29	12°53'35	8♓ 6	29° 4	4°19	8°51	15° 9	13°47	14°58	14°40	6° 2	21°45	23° 4	3°41	n.a.	M11
T 12	8 47 26	13°53'03	22°50	28°32	3°46	9°37	15°24	13°54	14°58	14°39	6° 1	21°40	23° 1	3°48	n.a.	T 12
W13	8 51 22	14°52'29	7♈ 8	28° 5	3°14	10°24	15°38	14° 2	14°59	14°37	6° 1	21°37	22°58	3°55	n.a.	W13
T 14	8 55 19	15°51'53	20°56	27°44	2°44	11°11	15°53	14° 9	15° 0	14°36	6° 1	21°D36	22°55	4° 1	n.a.	T 14
F 15	8 59 16	16°51'14	4♉16	27°29	2°15	11°57	16° 7	14°17	15° 1	14°34	6° 0	21°36	22°52	4° 8	n.a.	F 15
S 16	9 3 12	17°50'33	17°11	27°20	1°49	12°44	16°22	14°24	15° 1	14°33	6° 0	21°R37	22°48	4°15	n.a.	S 16
S 17	9 7 9	18°49'49	29°45	27°D17	1°25	13°30	16°36	14°32	15° 2	14°32	6° 0	21°36	22°45	4°21	n.a.	S 17
M18	9 11 5	19°49'03	12♊ 2	27°20	1° 3	14°17	16°51	14°40	15° 2	14°30	6° 0	21°33	22°42	4°28	n.a.	M18
T 19	9 15 2	20°48'14	24° 8	27°28	0°43	15° 4	17° 5	14°47	15° 3	14°29	5°59	21°28	22°39	4°35	n.a.	T 19
W20	9 18 58	21°47'23	6♋ 6	27°42	0°25	15°50	17°19	14°55	15° 3	14°28	5°59	21°21	22°36	4°42	n.a.	W20
T 21	9 22 55	22°46'30	18° 0	28° 0	0°10	16°37	17°34	15° 2	15° 4	14°27	5°59	21°12	22°33	4°48	n.a.	T 21
F 22	9 26 51	23°45'34	29°52	28°24	29♑58	17°23	17°48	15°10	15° 4	14°25	5°59	21° 1	22°29	4°55	n.a.	F 22
S 23	9 30 48	24°44'36	11♌44	28°52	29°48	18°10	18° 3	15°17	15° 4	14°24	5°59	20°50	22°26	5° 2	n.a.	S 23
S 24	9 34 44	25°43'36	23°38	29°25	29°40	18°56	18°17	15°25	15° 5	14°23	5°59	20°39	22°23	5° 8	n.a.	S 24
M25	9 38 41	26°42'34	5♍36	0♒ 1	29°35	19°43	18°31	15°32	15° 5	14°22	5°59	20°30	22°20	5°15	n.a.	M25
T 26	9 42 38	27°41'29	17°39	0°42	29°33	20°29	18°46	15°39	15° 5	14°21	5°58	20°23	22°17	5°22	n.a.	T 26
W27	9 46 34	28°40'22	29°49	1°26	29°D32	21°16	19° 0	15°47	15° 5	14°20	5°58	20°19	22°13	5°29	n.a.	W27
T 28	9 50 31	29♒39'14	12♎ 8	2♒14	29♑34	22♑ 2	19♒14	15♒54	15°R 5	14♋18	5°D58	20♎16	22♎10	5♌35	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s48	6s39	0s40	14s55	3n50	10s 8	8n 3	24s39	0s50	18s19	1s 7	18s57	1s42	16s18	0n14	23n13	0n15	20n56	0s44	8s58	9s18	14n57		n.a.
S 2	19 34	10 25	0n27	15 6	3 52	10 11	8 10	24 39	0 51	18 15	1 7	18 55	1 42	16 19	0 14	23 13	0 15	20 56	0 44	8 58	9 17	14 55		n.a.
S 3	19 20	13 47	1 34	15 19	3 53	10 15	8 16	24 39	0 52	18 11	1 7	18 52	1 42	16 19	0 14	23 14	0 15	20 56	0 44	8 58	9 16	14 54		n.a.
M 4	19 5	16 33	2 38	15 35	3 51	10 20	8 20	24 39	0 52	18 7	1 7	18 50	1 42	16 19	0 14	23 14	0 15	20 56	0 44	8 58	9 15	14 53		n.a.
T 5	18 50	18 27	3 36	15 52	3 48	10 26	8 24	24 38	0 53	18 2	1 7	18 48	1 42	16 20	0 14	23 14	0 15	20 56	0 44	8 56	9 13	14 51		n.a.
W 6	18 34	19 15	4 21	16 11	3 42	10 33	8 27	24 37	0 54	17 58	1 7	18 46	1 42	16 20	0 14	23 14	0 15	20 56	0 44	8 54	9 12	14 50		n.a.
T 7	18 19	18 46	4 51	16 30	3 35	10 40	8 29	24 35	0 54	17 54	1 7	18 44	1 42	16 21	0 14	23 14	0 15	20 56	0 44	8 51	9 11	14 49		n.a.
F 8	18 3	16 58	5 2	16 50	3 27	10 48	8 30	24 34	0 55	17 50	1 7	18 42	1 42	16 21	0 14	23 15	0 15	20 56	0 44	8 47	9 10	14 47		n.a.
S 9	17 46	13 57	4 51	17 11	3 16	10 57	8 30	24 32	0 55	17 45	1 7	18 39	1 42	16 21	0 14	23 15	0 15	20 56	0 44	8 43	9 9	14 46		n.a.
S 10	17 29	10 0	4 19	17 31	3 5	11 6	8 29	24 30	0 56	17 41	1 7	18 37	1 43	16 21	0 14	23 15	0 15	20 56	0 44	8 39	9 8	14 44		n.a.
M11	17 12	5 26	3 29	17 51	2 53	11 16	8 27	24 27	0 57	17 37	1 7	18 35	1 43	16 22	0 14	23 15	0 15	20 56	0 44	8 36	9 6	14 43		n.a.
T 12	16 55	0 39	2 27	18 10	2 40	11 26	8 24	24 25	0 57	17 32	1 7	18 33	1 43	16 22	0 14	23 15	0 15	20 56	0 43	8 34	9 5	14 42		n.a.
W13	16 38	4n 2	1 16	18 29	2 26	11 37	8 21	24 22	0 58	17 28	1 7	18 31	1 43	16 22	0 14	23 15	0 15	20 56	0 43	8 33	9 4	14 40		n.a.
T 14	16 20	8 21	0 4	18 47	2 12	11 48	8 16	24 18	0 58	17 24	1 7	18 29	1 43	16 22	0 14	23 16	0 15	20 56	0 43	8 33	9 3	14 39		n.a.
F 15	16 2	12 5	1s 7	19 4	1 58	11 59	8 11	24 15	0 59	17 19	1 7	18 26	1 43	16 23	0 14	23 16	0 15	20 56	0 43	8 33	9 2	14 37		n.a.
S 16	15 44	15 7	2 12	19 20	1 44	12 11	8 5	24 11	1 0	17 15	1 7	18 24	1 43	16 23	0 14	23 16	0 15	20 56	0 43	8 33	9 0	14 36		n.a.
S 17	15 25	17 21	3 9	19 34	1 29	12 22	7 59	24 7	1 0	17 11	1 7	18 22	1 43	16 23	0 14	23 16	0 15	20 56	0 43	8 33	8 59	14 35		n.a.
M18	15 6	18 42	3 55	19 48	1 15	12 34	7 52	24 3	1 1	17 6	1 8	18 20	1 43	16 23	0 14	23 16	0 15	20 56	0 43	8 32	8 58	14 33		n.a.
T 19	14 47	19 11	4 31	20 0	1 1	12 46	7 44	23 58	1 1	17 2	1 8	18 18	1 43	16 23	0 14	23 16	0 15	20 57	0 43	8 30	8 57	14 32		n.a.
W20	14 28	18 47	4 54	20 11	0 47	12 57	7 36	23 53	1 2	16 57	1 8	18 16	1 43	16 23	0 14	23 16	0 15	20 57	0 43	8 27	8 56	14 30		n.a.
T 21	14 8	17 34	5 4	20 21	0 33	13 9	7 27	23 48	1 3	16 53	1 8	18 13	1 43	16 23	0 14	23 17	0 15	20 57	0 43	8 24	8 54	14 29		n.a.
F 22	13 49	15 36	5 0	20 29	0 20	13 20	7 18	23 43	1 3	16 49	1 8	18 11	1 43	16 24	0 14	23 17	0 15	20 57	0 43	8 20	8 53	14 28		n.a.
S 23	13 29	12 59	4 44	20 35	0 7	13 32	7 9	23 37	1 4	16 44	1 8	18 9	1 43	16 24	0 14	23 17	0 16	20 57	0 43	8 15	8 52	14 26		n.a.
S 24	13 9	9 50	4 16	20 41	0s 5	13 43	6 59	23 31	1 4	16 40	1 8	18 7	1 43	16 24	0 14	23 17	0 16	20 57	0 42	8 11	8 51	14 25		n.a.
M25	12 48	6 16	3 36	20 44	0 17	13 53	6 49	23 25	1 5	16 35	1 8	18 5	1 44	16 24	0 14	23 17	0 16	20 57	0 42	8 8	8 50	14 23		n.a.
T 26	12 28	2 25	2 46	20 47	0 28	14 4	6 39	23 18	1 5	16 31	1 8	18 2	1 44	16 24	0 14	23 17	0 16	20 57	0 42	8 5	8 48	14 22		n.a.
W27	12 7	1s34	1 48	20 47	0 39	14 14	6 28	23 11	1 6	16 26	1 8	18 0	1 44	16 24	0 14	23 17	0 16	20 57	0 42	8 3	8 47	14 21		n.a.
T 28	11s46	5s32	0s44	20s47	0s50	14s24	6n18	23s 4	1s 6	16s22	1s 8	17s58	1s44	16s24	0n14	23n18	0n16	20n57	0s42	8s 3	8s46	14n19		n.a.

Julian Day Number = 1341959.5, Delta T = 07h14m57s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'04, Lahiri = -18°18'04 Julian Calendar 1 Feb. 1039 BCE == Greg. Calendar 22 Jan. 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

MARCH 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 54 27	0♓38'03	24♎37	3♒ 5	29♉39	22♉49	19♒29	16♒ 2	15°R 5	14°R17	5♊58	20°D16	22♎ 7	5♌42	n.a.	F 1
S 2	9 58 24	1°36'51	7♏21	3°59	29°46	23°35	19°43	16° 9	15♏ 5	14♋16	5°59	20♎17	22° 4	5°49	n.a.	S 2
S 3	10 2 20	2°35'36	20°23	4°56	29°55	24°22	19°57	16°16	15° 5	14°15	5°59	20°18	22° 1	5°55	n.a.	S 3
M 4	10 6 17	3°34'20	3♐45	5°57	0♒ 6	25° 8	20°12	16°24	15° 4	14°14	5°59	20°R19	21°58	6° 2	n.a.	M 4
T 5	10 10 13	4°33'02	17°31	6°59	0°19	25°54	20°26	16°31	15° 4	14°13	5°59	20°18	21°54	6° 9	n.a.	T 5
W 6	10 14 10	5°31'43	1♉41	8° 5	0°34	26°41	20°40	16°38	15° 4	14°12	5°59	20°15	21°51	6°16	n.a.	W 6
T 7	10 18 7	6°30'21	16°13	9°13	0°52	27°27	20°54	16°46	15° 4	14°12	5°59	20°11	21°48	6°22	n.a.	T 7
F 8	10 22 3	7°28'58	1♒ 5	10°23	1°11	28°13	21° 8	16°53	15° 3	14°11	5°59	20° 5	21°45	6°29	n.a.	F 8
S 9	10 26 0	8°27'33	16° 8	11°36	1°32	29° 0	21°22	17° 0	15° 3	14°10	6° 0	19°59	21°42	6°36	n.a.	S 9
S 10	10 29 56	9°26'06	1♓14	12°51	1°55	29°46	21°37	17° 7	15° 2	14° 9	6° 0	19°53	21°38	6°43	n.a.	S 10
M11	10 33 53	10°24'37	16°13	14° 8	2°19	0♒32	21°51	17°15	15° 2	14° 8	6° 0	19°48	21°35	6°49	n.a.	M11
T 12	10 37 49	11°23'05	0♈56	15°27	2°46	1°19	22° 5	17°22	15° 1	14° 7	6° 0	19°45	21°32	6°56	n.a.	T 12
W13	10 41 46	12°21'32	15°17	16°48	3°13	2° 5	22°19	17°29	15° 0	14° 7	6° 1	19°D44	21°29	7° 3	n.a.	W13
T 14	10 45 42	13°19'56	29°11	18°11	3°43	2°51	22°33	17°36	15° 0	14° 6	6° 1	19°44	21°26	7° 9	n.a.	T 14
F 15	10 49 39	14°18'19	12♉38	19°36	4°13	3°37	22°47	17°43	14°59	14° 5	6° 1	19°45	21°23	7°16	n.a.	F 15
S 16	10 53 35	15°16'39	25°40	21° 3	4°45	4°23	23° 0	17°50	14°58	14° 5	6° 2	19°47	21°19	7°23	n.a.	S 16
S 17	10 57 32	16°14'57	8♊19	22°32	5°19	5° 9	23°14	17°57	14°57	14° 4	6° 2	19°48	21°16	7°30	n.a.	S 17
M18	11 1 29	17°13'12	20°40	24° 2	5°54	5°55	23°28	18° 4	14°56	14° 4	6° 3	19°R48	21°13	7°36	n.a.	M18
T 19	11 5 25	18°11'26	2♋47	25°35	6°30	6°42	23°42	18°11	14°55	14° 3	6° 3	19°47	21°10	7°43	n.a.	T 19
W20	11 9 22	19° 9'37	14°44	27° 9	7° 7	7°28	23°56	18°18	14°55	14° 2	6° 4	19°45	21° 7	7°50	n.a.	W20
T 21	11 13 18	20° 7'47	26°37	28°45	7°45	8°14	24° 9	18°24	14°53	14° 2	6° 4	19°41	21° 4	7°56	n.a.	T 21
F 22	11 17 15	21° 5'54	8♌29	0♓23	8°25	8°59	24°23	18°31	14°52	14° 2	6° 5	19°36	21° 0	8° 3	n.a.	F 22
S 23	11 21 11	22° 3'59	20°22	2° 3	9° 6	9°45	24°37	18°38	14°51	14° 1	6° 5	19°32	20°57	8°10	n.a.	S 23
S 24	11 25 8	23° 2'02	2♍21	3°44	9°47	10°31	24°50	18°45	14°50	14° 1	6° 6	19°27	20°54	8°17	n.a.	S 24
M25	11 29 4	24° 0'03	14°26	5°27	10°30	11°17	25° 4	18°51	14°49	14° 0	6° 6	19°23	20°51	8°23	n.a.	M25
T 26	11 33 1	24°58'03	26°39	7°12	11°13	12° 3	25°17	18°58	14°48	14° 0	6° 7	19°20	20°48	8°30	n.a.	T 26
W27	11 36 57	25°56'00	9♎ 3	8°59	11°58	12°49	25°31	19° 5	14°46	14° 0	6° 8	19°19	20°44	8°37	n.a.	W27
T 28	11 40 54	26°53'56	21°37	10°48	12°43	13°34	25°44	19°11	14°45	13°59	6° 8	19°D18	20°41	8°43	n.a.	T 28
F 29	11 44 51	27°51'51	4♏23	12°39	13°30	14°20	25°57	19°18	14°44	13°59	6° 9	19°19	20°38	8°50	n.a.	F 29
S 30	11 48 47	28°49'44	17°23	14°31	14°17	15° 6	26°11	19°24	14°42	13°59	6°10	19°20	20°35	8°57	n.a.	S 30
S 31	11 52 44	29♓47'35	0♐37	16♓25	15♒ 5	15♒52	26♒24	19♒30	14♏41	13♋59	6♊10	19♎22	20♎32	9♌ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s25	9s19	0n23	20s45	1s 0	14s34	6n 7	22s57	1s 7	16s17	1s 8	17s56	1s44	16s24	0n14	23n18	0n16	20n57	0s42	8s 2	8s45	14n18		n.a.
S 2	11 4	12 45	1 31	20 41	1 9	14 43	5 56	22 50	1 7	16 13	1 8	17 54	1 44	16 24	0 14	23 18	0 16	20 57	0 42	8 3	8 44	14 16		n.a.
S 3	10 43	15 38	2 35	20 35	1 18	14 52	5 45	22 42	1 8	16 8	1 8	17 52	1 44	16 24	0 14	23 18	0 16	20 57	0 42	8 3	8 42	14 15		n.a.
M 4	10 21	17 45	3 33	20 28	1 26	15 0	5 35	22 34	1 8	16 4	1 8	17 49	1 44	16 24	0 14	23 18	0 16	20 57	0 42	8 4	8 41	14 13		n.a.
T 5	10 0	18 54	4 20	20 20	1 34	15 8	5 24	22 26	1 9	15 59	1 9	17 47	1 44	16 24	0 14	23 18	0 16	20 58	0 42	8 3	8 40	14 12		n.a.
W 6	9 38	18 55	4 53	20 10	1 42	15 15	5 13	22 17	1 9	15 55	1 9	17 45	1 44	16 23	0 14	23 18	0 16	20 58	0 42	8 2	8 39	14 11		n.a.
T 7	9 16	17 43	5 8	19 58	1 48	15 22	5 2	22 8	1 10	15 50	1 9	17 43	1 45	16 23	0 14	23 18	0 16	20 58	0 42	8 1	8 37	14 9		n.a.
F 8	8 54	15 18	5 3	19 45	1 55	15 29	4 51	21 59	1 10	15 46	1 9	17 41	1 45	16 23	0 14	23 18	0 16	20 58	0 42	7 58	8 36	14 8		n.a.
S 9	8 32	11 50	4 38	19 30	2 0	15 35	4 40	21 50	1 11	15 41	1 9	17 39	1 45	16 23	0 14	23 19	0 16	20 58	0 41	7 56	8 35	14 6		n.a.
S 10	8 9	7 35	3 53	19 14	2 6	15 40	4 29	21 41	1 11	15 37	1 9	17 37	1 45	16 23	0 14	23 19	0 16	20 58	0 41	7 54	8 34	14 5		n.a.
M11	7 47	2 53	2 52	18 55	2 10	15 45	4 19	21 31	1 12	15 32	1 9	17 34	1 45	16 23	0 14	23 19	0 16	20 58	0 41	7 52	8 33	14 3		n.a.
T 12	7 24	1n55	1 40	18 36	2 14	15 49	4 8	21 21	1 12	15 27	1 9	17 32	1 45	16 23	0 14	23 19	0 16	20 58	0 41	7 51	8 31	14 2		n.a.
W13	7 2	6 29	0 24	18 14	2 18	15 53	3 58	21 11	1 13	15 23	1 9	17 30	1 45	16 22	0 14	23 19	0 16	20 59	0 41	7 50	8 30	14 0		n.a.
T 14	6 39	10 33	0s51	17 51	2 21	15 57	3 47	21 1	1 13	15 18	1 9	17 28	1 45	16 22	0 14	23 19	0 16	20 59	0 41	7 50	8 29	13 59		n.a.
F 15	6 16	13 57	2 2	17 26	2 24	15 59	3 37	20 51	1 14	15 14	1 9	17 26	1 45	16 22	0 14	23 19	0 16	20 59	0 41	7 51	8 28	13 58		n.a.
S 16	5 53	16 31	3 3	17 0	2 26	16 2	3 27	20 40	1 14	15 9	1 10	17 24	1 46	16 22	0 14	23 19	0 16	20 59	0 41	7 51	8 27	13 56		n.a.
S 17	5 30	18 11	3 54	16 32	2 27	16 3	3 17	20 29	1 15	15 5	1 10	17 22	1 46	16 22	0 14	23 19	0 16	20 59	0 41	7 52	8 25	13 55		n.a.
M18	5 8	18 56	4 33	16 2	2 28	16 4	3 7	20 18	1 15	15 0	1 10	17 20	1 46	16 21	0 14	23 19	0 16	20 59	0 41	7 52	8 24	13 53		n.a.
T 19	4 44	18 48	4 59	15 31	2 28	16 5	2 58	20 6	1 15	14 56	1 10	17 18	1 46	16 21	0 14	23 19	0 16	20 59	0 41	7 51	8 23	13 52		n.a.
W20	4 21	17 50	5 11	14 58	2 28	16 5	2 48	19 55	1 16	14 51	1 10	17 16	1 46	16 21	0 14	23 19	0 16	21 0	0 41	7 50	8 22	13 50		n.a.
T 21	3 58	16 5	5 10	14 23	2 27	16 4	2 39	19 43	1 16	14 47	1 10	17 14	1 46	16 20	0 14	23 19	0 16	21 0	0 40	7 49	8 21	13 49		n.a.
F 22	3 35	13 40	4 56	13 47	2 26	16 3	2 29	19 31	1 17	14 42	1 10	17 12	1 46	16 20	0 14	23 19	0 16	21 0	0 40	7 47	8 19	13 47		n.a.
S 23	3 12	10 41	4 29	13 9	2 24	16 1	2 20	19 19	1 17	14 38	1 10	17 10	1 47	16 20	0 14	23 20	0 16	21 0	0 40	7 45	8 18	13 46		n.a.
S 24	2 48	7 14	3 50	12 29	2 22	15 58	2 11	19 7	1 17	14 33	1 11	17 8	1 47	16 19	0 14	23 20	0 16	21 0	0 40	7 44	8 17	13 44		n.a.
M25	2 25	3 28	3 0	11 48	2 19	15 55	2 2	18 55	1 18	14 29	1 11	17 6	1 47	16 19	0 14	23 20	0 16	21 0	0 40	7 42	8 16	13 43		n.a.
T 26	2 2	0s30	2 1	11 5	2 15	15 52	1 54	18 42	1 18	14 24	1 11	17 4	1 47	16 19	0 14	23 20	0 16	21 1	0 40	7 41	8 15	13 41		n.a.
W27	1 38	4 30	0 56	10 21	2 11	15 47	1 45	18 29	1 19	14 20	1 11	17 2	1 47	16 18	0 14	23 20	0 16	21 1	0 40	7 40	8 13	13 40		n.a.
T 28	1 15	8 21	0n13	9 35	2 7	15 43	1 37	18 16	1 19	14 15	1 11	17 0	1 47	16 18	0 14	23 20	0 16	21 1	0 40	7 40	8 12	13 38		n.a.
F 29	0 52	11 54	1 22	8 47	2 2	15 37	1 29	18 3	1 19	14 11	1 11	16 58	1 48	16 17	0 14	23 20	0 16	21 1	0 40	7 41	8 11	13 37		n.a.
S 30	0 28	14 55	2 29	7 58	1 56	15 31	1 21	17 50	1 20	14 6	1 11	16 56	1 48	16 17	0 14	23 20	0 16	21 1	0 40	7 41	8 10	13 36		n.a.
S 31	0s 5	17s12	3n29	7s 7	1s50	15s25	1n13	17s36	1s20	14s 2	1s11	16s54	1s48	16s17	0n14	23n20	0n16	21n 2	0s40	7s42	8s 8	13n34		n.a.

Julian Day Number = 1341987.5, Delta T = 07h14m56s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°25'00, Lahiri = -18°18'00 Julian Calendar 1 March 1039 BCE == Greg. Calendar 19 Feb. 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

APRIL 1039 BCE (-1038) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 56 40	0♈45'25	14♐ 7	18♓21	15♒53	16♒37	26♒37	19♒37	14°R39	13°R59	6♊11	19♎23	20♎29	9♌10	n.a.	M 1
T 2	12 0 37	1°43'14	27°54	20°19	16°43	17°23	26°50	19°43	14♏38	13♋59	6°12	19°R23	20°25	9°17	n.a.	T 2
W 3	12 4 33	2°41'01	11♑57	22°18	17°33	18° 8	27° 3	19°49	14°36	13°59	6°13	19°23	20°22	9°24	n.a.	W 3
T 4	12 8 30	3°38'48	26°16	24°20	18°23	18°54	27°16	19°56	14°35	13°59	6°13	19°22	20°19	9°30	n.a.	T 4
F 5	12 12 26	4°36'33	10♒47	26°22	19°15	19°39	27°29	20° 2	14°33	13°D59	6°14	19°21	20°16	9°37	n.a.	F 5
S 6	12 16 23	5°34'16	25°26	28°27	20° 7	20°25	27°42	20° 8	14°31	13°59	6°15	19°19	20°13	9°44	n.a.	S 6
S 7	12 20 20	6°31'59	10♓ 8	0♈33	20°59	21°10	27°55	20°14	14°30	13°59	6°16	19°18	20° 9	9°51	n.a.	S 7
M 8	12 24 16	7°29'40	24°45	2°40	21°53	21°55	28° 7	20°20	14°28	13°59	6°17	19°17	20° 6	9°57	n.a.	M 8
T 9	12 28 13	8°27'19	9♈12	4°48	22°46	22°41	28°20	20°26	14°26	13°59	6°18	19°16	20° 3	10° 4	n.a.	T 9
W10	12 32 9	9°24'57	23°21	6°58	23°40	23°26	28°33	20°32	14°24	13°59	6°19	19°D16	20° 0	10°11	n.a.	W10
T 11	12 36 6	10°22'34	7♉11	9° 8	24°35	24°11	28°45	20°37	14°22	13°59	6°20	19°16	19°57	10°17	n.a.	T 11
F 12	12 40 2	11°20'09	20°37	11°19	25°30	24°56	28°58	20°43	14°20	13°59	6°21	19°17	19°54	10°24	n.a.	F 12
S 13	12 43 59	12°17'43	3♊41	13°30	26°26	25°41	29°10	20°49	14°18	14° 0	6°22	19°17	19°50	10°31	n.a.	S 13
S 14	12 47 55	13°15'15	16°24	15°41	27°22	26°26	29°22	20°54	14°16	14° 0	6°23	19°18	19°47	10°38	n.a.	S 14
M15	12 51 52	14°12'46	28°48	17°52	28°19	27°11	29°34	21° 0	14°14	14° 0	6°24	19°19	19°44	10°44	n.a.	M15
T 16	12 55 48	15°10'15	10♋57	20° 2	29°16	27°56	29°47	21° 5	14°12	14° 1	6°25	19°R19	19°41	10°51	n.a.	T 16
W17	12 59 45	16° 7'43	22°57	22°12	0♓13	28°41	29°59	21°11	14°10	14° 1	6°26	19°19	19°38	10°58	n.a.	W17
T 18	13 3 42	17° 5'09	4♌51	24°21	1°11	29°26	0♓11	21°16	14° 8	14° 1	6°27	19°19	19°35	11° 4	n.a.	T 18
F 19	13 7 38	18° 2'34	16°43	26°28	2°10	0♓11	0°23	21°21	14° 6	14° 2	6°28	19°18	19°31	11°11	n.a.	F 19
S 20	13 11 35	18°59'57	28°39	28°34	3° 8	0°55	0°34	21°27	14° 4	14° 2	6°29	19°D18	19°28	11°18	n.a.	S 20
S 21	13 15 31	19°57'19	10♍41	0♉38	4° 7	1°40	0°46	21°32	14° 2	14° 3	6°30	19°18	19°25	11°25	n.a.	S 21
M22	13 19 28	20°54'40	22°53	2°41	5° 7	2°25	0°58	21°37	14° 0	14° 3	6°31	19°18	19°22	11°31	n.a.	M22
T 23	13 23 24	21°51'59	5♎18	4°41	6° 6	3° 9	1° 9	21°42	13°58	14° 4	6°33	19°19	19°19	11°38	n.a.	T 23
W24	13 27 21	22°49'18	17°56	6°39	7° 6	3°54	1°21	21°47	13°55	14° 5	6°34	19°R19	19°15	11°45	n.a.	W24
T 25	13 31 17	23°46'35	0♏50	8°35	8° 7	4°38	1°32	21°52	13°53	14° 5	6°35	19°19	19°12	11°51	n.a.	T 25
F 26	13 35 14	24°43'52	13°58	10°28	9° 7	5°22	1°44	21°56	13°51	14° 6	6°36	19°18	19° 9	11°58	n.a.	F 26
S 27	13 39 11	25°41'08	27°21	12°19	10° 8	6° 7	1°55	22° 1	13°49	14° 7	6°37	19°18	19° 6	12° 5	n.a.	S 27
S 28	13 43 7	26°38'23	10♐58	14° 7	11° 9	6°51	2° 6	22° 6	13°46	14° 7	6°39	19°17	19° 3	12°12	n.a.	S 28
M29	13 47 4	27°35'37	24°46	15°53	12°11	7°35	2°17	22°10	13°44	14° 8	6°40	19°16	19° 0	12°18	n.a.	M29
T 30	13 51 0	28♈32'51	8♑45	17♉36	13♓13	8♓19	2♓28	22♒15	13♏42	14♋ 9	6♊41	19♎15	18♎56	12♌25	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n18	18s35	4n18	6s15	1s43	15s18	1n 5	17s22	1s20	13s57	1s12	16s52	1s48	16s16	0n14	23n20	0n16	21n 2	0s40	7s42	8s 7	13n33		n.a.
T 2	0 42	18 54	4 54	5 22	1 36	15 10	0 57	17 9	1 21	13 53	1 12	16 51	1 48	16 16	0 14	23 20	0 16	21 2	0 40	7 42	8 6	13 31		n.a.
W 3	1 5	18 4	5 13	4 27	1 28	15 2	0 50	16 55	1 21	13 49	1 12	16 49	1 48	16 15	0 14	23 20	0 16	21 2	0 39	7 42	8 5	13 30		n.a.
T 4	1 28	16 6	5 14	3 31	1 20	14 53	0 43	16 41	1 21	13 44	1 12	16 47	1 49	16 15	0 14	23 20	0 16	21 2	0 39	7 42	8 4	13 28		n.a.
F 5	1 52	13 5	4 54	2 33	1 11	14 43	0 36	16 26	1 21	13 40	1 12	16 45	1 49	16 14	0 14	23 20	0 16	21 3	0 39	7 41	8 2	13 27		n.a.
S 6	2 15	9 14	4 15	1 35	1 2	14 33	0 29	16 12	1 22	13 36	1 12	16 43	1 49	16 14	0 14	23 20	0 16	21 3	0 39	7 41	8 1	13 25		n.a.
S 7	2 38	4 49	3 20	0 35	0 53	14 23	0 22	15 58	1 22	13 31	1 13	16 41	1 49	16 13	0 14	23 20	0 16	21 3	0 39	7 40	8 0	13 24		n.a.
M 8	3 1	0 7	2 12	0n25	0 43	14 12	0 15	15 43	1 22	13 27	1 13	16 40	1 49	16 13	0 14	23 20	0 16	21 3	0 39	7 40	7 59	13 22		n.a.
T 9	3 24	4n33	0 55	1 26	0 33	14 0	0 9	15 28	1 23	13 23	1 13	16 38	1 49	16 12	0 14	23 20	0 16	21 4	0 39	7 39	7 58	13 21		n.a.
W10	3 47	8 52	0s23	2 27	0 23	13 48	0 2	15 13	1 23	13 18	1 13	16 36	1 50	16 12	0 14	23 20	0 16	21 4	0 39	7 39	7 56	13 19		n.a.
T 11	4 10	12 35	1 38	3 29	0 13	13 36	0s 4	14 58	1 23	13 14	1 13	16 35	1 50	16 11	0 14	23 20	0 16	21 4	0 39	7 39	7 55	13 18		n.a.
F 12	4 33	15 32	2 45	4 31	0 2	13 22	0 10	14 43	1 23	13 10	1 13	16 33	1 50	16 10	0 14	23 20	0 16	21 4	0 39	7 40	7 54	13 16		n.a.
S 13	4 56	17 35	3 42	5 32	0n 8	13 9	0 16	14 28	1 24	13 5	1 14	16 31	1 50	16 10	0 14	23 20	0 16	21 5	0 39	7 40	7 53	13 15		n.a.
S 14	5 19	18 41	4 26	6 33	0 19	12 55	0 22	14 13	1 24	13 1	1 14	16 30	1 50	16 9	0 14	23 20	0 16	21 5	0 39	7 40	7 51	13 13		n.a.
M15	5 41	18 52	4 57	7 34	0 29	12 40	0 27	13 57	1 24	12 57	1 14	16 28	1 51	16 9	0 14	23 20	0 16	21 5	0 39	7 40	7 50	13 12		n.a.
T 16	6 4	18 9	5 14	8 34	0 40	12 25	0 33	13 42	1 24	12 53	1 14	16 26	1 51	16 8	0 14	23 20	0 16	21 5	0 38	7 40	7 49	13 10		n.a.
W17	6 26	16 38	5 16	9 33	0 50	12 9	0 38	13 26	1 24	12 49	1 14	16 25	1 51	16 7	0 14	23 20	0 16	21 6	0 38	7 40	7 48	13 9		n.a.
T 18	6 49	14 25	5 6	10 30	1 0	11 53	0 43	13 10	1 25	12 45	1 14	16 23	1 51	16 7	0 14	23 20	0 16	21 6	0 38	7 40	7 47	13 7		n.a.
F 19	7 11	11 36	4 42	11 26	1 9	11 37	0 48	12 54	1 25	12 40	1 15	16 22	1 51	16 6	0 14	23 20	0 16	21 6	0 38	7 40	7 45	13 6		n.a.
S 20	7 33	8 18	4 6	12 21	1 18	11 20	0 53	12 38	1 25	12 36	1 15	16 20	1 52	16 6	0 14	23 19	0 16	21 6	0 38	7 40	7 44	13 4		n.a.
S 21	7 55	4 38	3 18	13 13	1 26	11 3	0 58	12 22	1 25	12 32	1 15	16 19	1 52	16 5	0 14	23 19	0 16	21 7	0 38	7 40	7 43	13 3		n.a.
M22	8 17	0 42	2 21	14 4	1 34	10 45	1 2	12 6	1 25	12 28	1 15	16 17	1 52	16 4	0 14	23 19	0 16	21 7	0 38	7 40	7 42	13 1		n.a.
T 23	8 39	3s19	1 17	14 52	1 41	10 27	1 7	11 50	1 25	12 24	1 15	16 16	1 52	16 4	0 14	23 19	0 16	21 7	0 38	7 40	7 40	13 0		n.a.
W24	9 1	7 16	0 8	15 39	1 48	10 8	1 11	11 34	1 26	12 20	1 16	16 14	1 53	16 3	0 14	23 19	0 16	21 7	0 38	7 40	7 39	12 58		n.a.
T 25	9 22	10 57	1n 3	16 23	1 54	9 49	1 15	11 17	1 26	12 16	1 16	16 13	1 53	16 2	0 14	23 19	0 16	21 8	0 38	7 40	7 38	12 57		n.a.
F 26	9 44	14 11	2 13	17 5	1 59	9 30	1 19	11 1	1 26	12 12	1 16	16 12	1 53	16 2	0 14	23 19	0 16	21 8	0 38	7 40	7 37	12 55		n.a.
S 27	10 5	16 42	3 16	17 44	2 4	9 10	1 23	10 44	1 26	12 9	1 16	16 10	1 53	16 1	0 14	23 19	0 16	21 8	0 38	7 40	7 36	12 53		n.a.
S 28	10 26	18 20	4 9	18 21	2 8	8 50	1 27	10 28	1 26	12 5	1 16	16 9	1 53	16 0	0 14	23 19	0 16	21 9	0 38	7 40	7 34	12 52		n.a.
M29	10 47	18 55	4 48	18 56	2 11	8 29	1 30	10 11	1 26	12 1	1 17	16 8	1 54	16 0	0 14	23 19	0 16	21 9	0 38	7 39	7 33	12 50		n.a.
T 30	11n 8	18s21	5n11	19n29	2n14	8s 8	1s34	9s54	1s26	11s57	1s17	16s 6	1s54	15s59	0n14	23n19	0n16	21n 9	0s37	7s39	7s32	12n49		n.a.

Julian Day Number = 1342018.5, Delta T = 07h14m54s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'56, Lahiri = -18°17'55 Julian Calendar 1 Apr. 1039 BCE == Greg. Calendar 22 March 1039 BCE

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

MAY 1039 BCE (-1038) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 54 57	29♈30'05	22♉51	19♉16	14♓15	9♓ 4	2♓39	22♒19	13°R39	14♋10	6♊42	19°D15	18♎53	12♌32	n.a.	W 1
T 2	13 58 53	0♉27'17	7♒ 4	20°54	15°17	9°48	2°50	22°23	13♏37	14°11	6°44	19♎15	18°50	12°38	n.a.	T 2
F 3	14 2 50	1°24'30	21°21	22°29	16°20	10°32	3° 0	22°28	13°35	14°12	6°45	19°15	18°47	12°45	n.a.	F 3
S 4	14 6 47	2°21'42	5♓38	24° 1	17°23	11°16	3°11	22°32	13°32	14°12	6°46	19°16	18°44	12°52	n.a.	S 4
S 5	14 10 43	3°18'53	19°54	25°30	18°26	11°59	3°21	22°36	13°30	14°13	6°48	19°17	18°41	12°59	n.a.	S 5
M 6	14 14 40	4°16'05	4♈ 3	26°57	19°29	12°43	3°32	22°40	13°27	14°14	6°49	19°18	18°37	13° 5	n.a.	M 6
T 7	14 18 36	5°13'15	18° 4	28°21	20°33	13°27	3°42	22°44	13°25	14°15	6°50	19°R18	18°34	13°12	n.a.	T 7
W 8	14 22 33	6°10'25	1♉53	29°42	21°36	14°11	3°52	22°48	13°23	14°16	6°52	19°18	18°31	13°19	n.a.	W 8
T 9	14 26 29	7° 7'35	15°26	1♊ 0	22°40	14°54	4° 2	22°51	13°20	14°17	6°53	19°17	18°28	13°25	n.a.	T 9
F 10	14 30 26	8° 4'44	28°43	2°15	23°45	15°38	4°12	22°55	13°18	14°19	6°55	19°15	18°25	13°32	n.a.	F 10
S 11	14 34 22	9° 1'53	11♊41	3°27	24°49	16°21	4°22	22°59	13°15	14°20	6°56	19°12	18°21	13°39	n.a.	S 11
S 12	14 38 19	9°59'01	24°21	4°36	25°54	17° 5	4°31	23° 2	13°13	14°21	6°57	19° 9	18°18	13°46	n.a.	S 12
M13	14 42 16	10°56'09	6♋44	5°43	26°58	17°48	4°41	23° 5	13°10	14°22	6°59	19° 6	18°15	13°52	n.a.	M13
T 14	14 46 12	11°53'16	18°54	6°45	28° 3	18°31	4°50	23° 9	13° 8	14°23	7° 0	19° 4	18°12	13°59	n.a.	T 14
W15	14 50 9	12°50'22	0♌54	7°45	29° 8	19°14	5° 0	23°12	13° 6	14°24	7° 2	19° 2	18° 9	14° 6	n.a.	W15
T 16	14 54 5	13°47'28	12°48	8°41	0♈14	19°57	5° 9	23°15	13° 3	14°26	7° 3	19°D 2	18° 6	14°12	n.a.	T 16
F 17	14 58 2	14°44'33	24°41	9°34	1°19	20°40	5°18	23°18	13° 1	14°27	7° 5	19° 2	18° 2	14°19	n.a.	F 17
S 18	15 1 58	15°41'38	6♍37	10°23	2°25	21°23	5°27	23°21	12°58	14°28	7° 6	19° 3	17°59	14°26	n.a.	S 18
S 19	15 5 55	16°38'42	18°41	11° 9	3°30	22° 6	5°36	23°24	12°56	14°30	7° 8	19° 5	17°56	14°33	n.a.	S 19
M20	15 9 51	17°35'46	0♎58	11°50	4°36	22°49	5°44	23°27	12°53	14°31	7° 9	19° 6	17°53	14°39	n.a.	M20
T 21	15 13 48	18°32'49	13°30	12°28	5°42	23°32	5°53	23°29	12°51	14°32	7°11	19°R 7	17°50	14°46	n.a.	T 21
W22	15 17 45	19°29'53	26°21	13° 2	6°49	24°14	6° 1	23°32	12°48	14°34	7°12	19° 7	17°46	14°53	n.a.	W22
T 23	15 21 41	20°26'56	9♏33	13°32	7°55	24°57	6°10	23°34	12°46	14°35	7°14	19° 6	17°43	14°59	n.a.	T 23
F 24	15 25 38	21°23'59	23° 4	13°57	9° 2	25°39	6°18	23°37	12°44	14°37	7°15	19° 3	17°40	15° 6	n.a.	F 24
S 25	15 29 34	22°21'02	6♐53	14°19	10° 8	26°22	6°26	23°39	12°41	14°38	7°17	18°59	17°37	15°13	n.a.	S 25
S 26	15 33 31	23°18'05	20°57	14°35	11°15	27° 4	6°34	23°41	12°39	14°40	7°18	18°54	17°34	15°19	n.a.	S 26
M27	15 37 27	24°15'09	5♑11	14°47	12°22	27°46	6°41	23°43	12°36	14°41	7°20	18°49	17°31	15°26	n.a.	M27
T 28	15 41 24	25°12'13	19°30	14°55	13°29	28°28	6°49	23°45	12°34	14°43	7°21	18°44	17°27	15°33	n.a.	T 28
W29	15 45 20	26° 9'17	3♒51	14°R58	14°36	29°11	6°56	23°47	12°32	14°44	7°23	18°41	17°24	15°40	n.a.	W29
T 30	15 49 17	27° 6'21	18° 9	14°56	15°44	29°53	7° 4	23°49	12°29	14°46	7°24	18°39	17°21	15°46	n.a.	T 30
F 31	15 53 14	28♉ 3'26	2♓20	14♊49	16♈51	0♈35	7♓11	23♒51	12♏27	14♋48	7♊26	18°D39	17♎18	15♌53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	11n28	16s39	5n16	19n59	2n15	7s47	1s37	9s38	1s26	11s53	1s17	16s 5	1s54	15s58	0n14	23n19	0n16	21n 9	0s37	7s39	7s31	12n47			n.a.
T 2	11 49	13 56	5 1	20 27	2 16	7 25	1 40	9 21	1 26	11 50	1 17	16 4	1 54	15 57	0 14	23 19	0 16	21 10	0 37	7 39	7 29	12 46			n.a.
F 3	12 9	10 23	4 28	20 53	2 17	7 3	1 43	9 4	1 26	11 46	1 18	16 3	1 55	15 57	0 14	23 19	0 16	21 10	0 37	7 39	7 28	12 44			n.a.
S 4	12 29	6 12	3 39	21 16	2 16	6 41	1 46	8 47	1 26	11 42	1 18	16 2	1 55	15 56	0 14	23 18	0 16	21 10	0 37	7 39	7 27	12 43			n.a.
S 5	12 49	1 41	2 36	21 37	2 15	6 19	1 49	8 30	1 27	11 39	1 18	16 0	1 55	15 55	0 14	23 18	0 16	21 11	0 37	7 40	7 26	12 41			n.a.
M 6	13 9	2n55	1 23	21 56	2 13	5 56	1 51	8 13	1 27	11 35	1 18	15 59	1 55	15 55	0 14	23 18	0 16	21 11	0 37	7 40	7 25	12 40			n.a.
T 7	13 28	7 18	0 7	22 13	2 10	5 33	1 54	7 56	1 27	11 31	1 18	15 58	1 56	15 54	0 14	23 18	0 16	21 11	0 37	7 40	7 23	12 38			n.a.
W 8	13 47	11 14	1s 9	22 28	2 7	5 9	1 56	7 39	1 27	11 28	1 19	15 57	1 56	15 53	0 14	23 18	0 16	21 12	0 37	7 40	7 22	12 37			n.a.
T 9	14 6	14 30	2 19	22 41	2 3	4 46	1 59	7 22	1 27	11 24	1 19	15 56	1 56	15 52	0 14	23 18	0 16	21 12	0 37	7 40	7 21	12 35			n.a.
F 10	14 25	16 56	3 21	22 52	1 58	4 22	2 1	7 5	1 27	11 21	1 19	15 55	1 56	15 52	0 14	23 18	0 16	21 12	0 37	7 39	7 20	12 34			n.a.
S 11	14 44	18 25	4 10	23 1	1 53	3 58	2 3	6 48	1 27	11 18	1 19	15 54	1 57	15 51	0 14	23 18	0 16	21 12	0 37	7 38	7 18	12 32			n.a.
S 12	15 2	18 56	4 46	23 8	1 46	3 33	2 5	6 31	1 27	11 14	1 20	15 53	1 57	15 50	0 14	23 18	0 16	21 13	0 37	7 37	7 17	12 30			n.a.
M13	15 21	18 32	5 7	23 14	1 40	3 9	2 6	6 13	1 27	11 11	1 20	15 52	1 57	15 49	0 14	23 17	0 16	21 13	0 37	7 36	7 16	12 29			n.a.
T 14	15 38	17 16	5 14	23 17	1 32	2 44	2 8	5 56	1 27	11 8	1 20	15 52	1 57	15 49	0 14	23 17	0 16	21 13	0 36	7 35	7 15	12 27			n.a.
W15	15 56	15 16	5 8	23 19	1 24	2 19	2 9	5 39	1 27	11 4	1 20	15 51	1 58	15 48	0 14	23 17	0 16	21 14	0 36	7 34	7 13	12 26			n.a.
T 16	16 14	12 38	4 48	23 20	1 15	1 54	2 11	5 22	1 27	11 1	1 21	15 50	1 58	15 47	0 14	23 17	0 16	21 14	0 36	7 34	7 12	12 24			n.a.
F 17	16 31	9 29	4 16	23 18	1 5	1 29	2 12	5 4	1 26	10 58	1 21	15 49	1 58	15 46	0 14	23 17	0 16	21 14	0 36	7 34	7 11	12 23			n.a.
S 18	16 48	5 56	3 32	23 16	0 55	1 4	2 13	4 47	1 26	10 55	1 21	15 48	1 58	15 46	0 14	23 17	0 16	21 15	0 36	7 34	7 10	12 21			n.a.
S 19	17 4	2 6	2 39	23 11	0 44	0 38	2 14	4 30	1 26	10 52	1 21	15 48	1 59	15 45	0 14	23 17	0 16	21 15	0 36	7 35	7 9	12 20			n.a.
M20	17 21	1s53	1 38	23 6	0 32	0 12	2 15	4 13	1 26	10 49	1 22	15 47	1 59	15 44	0 14	23 16	0 16	21 15	0 36	7 36	7 7	12 18			n.a.
T 21	17 37	5 53	0 31	22 59	0 20	0n14	2 16	3 55	1 26	10 46	1 22	15 46	1 59	15 43	0 13	23 16	0 16	21 16	0 36	7 36	7 6	12 16			n.a.
W22	17 53	9 43	0n40	22 51	0 7	0 39	2 17	3 38	1 26	10 43	1 22	15 46	1 59	15 43	0 13	23 16	0 16	21 16	0 36	7 36	7 5	12 15			n.a.
T 23	18 8	13 10	1 49	22 41	0s 6	1 6	2 17	3 21	1 26	10 40	1 22	15 45	2 0	15 42	0 13	23 16	0 16	21 16	0 36	7 35	7 4	12 13			n.a.
F 24	18 24	16 1	2 55	22 31	0 20	1 32	2 18	3 4	1 26	10 37	1 23	15 45	2 0	15 41	0 13	23 16	0 16	21 17	0 36	7 34	7 2	12 12			n.a.
S 25	18 39	18 0	3 51	22 19	0 34	1 58	2 18	2 47	1 26	10 34	1 23	15 44	2 0	15 41	0 13	23 16	0 16	21 17	0 36	7 33	7 1	12 10			n.a.
S 26	18 53	18 56	4 35	22 7	0 48	2 24	2 18	2 29	1 26	10 32	1 23	15 44	2 0	15 40	0 13	23 16	0 16	21 17	0 36	7 31	7 0	12 9			n.a.
M27	19 8	18 41	5 2	21 53	1 3	2 50	2 19	2 12	1 25	10 29	1 24	15 43	2 1	15 39	0 13	23 15	0 16	21 17	0 36	7 29	6 59	12 7			n.a.
T 28	19 22	17 15	5 11	21 39	1 19	3 17	2 19	1 55	1 25	10 26	1 24	15 43	2 1	15 38	0 13	23 15	0 16	21 18	0 36	7 27	6 57	12 5			n.a.
W29	19 36	14 44	5 0	21 24	1 34	3 43	2 18	1 38	1 25	10 24	1 24	15 42	2 1	15 38	0 13	23 15	0 16	21 18	0 36	7 26	6 56	12 4			n.a.
T 30	19 49	11 20	4 31	21 8	1 50	4 10	2 18	1 21	1 25	10 21	1 24	15 42	2 2	15 37	0 13	23 15	0 16	21 18	0 35	7 25	6 55	12 2			n.a.
F 31	20n 2	7s18	3n45	20n52	2s 5	4n36	2s18	1s 4	1s25	10s19	1s25	15s42	2s 2	15s36	0n13	23n15	0n16	21n19	0s35	7s25	6s54	12n 1			n.a.

Julian Day Number = 1342048.5, Delta T = 07h14m53s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'52, Lahiri = -18°17'51 Julian Calendar 1 May 1039 BCE == Greg. Calendar 21 Apr. 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

JUNE 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 10	29♉ 0'32	16♓24	14°R38	17♈59	1♈16	7♓18	23♒52	12°R25	14♋49	7♊28	18♎40	17♎15	16♌ 0	n.a.	S 1
S 2	16 1 7	29°57'38	0♈19	14♊23	19° 7	1°58	7°25	23°54	12♏22	14°51	7°29	18°41	17°12	16° 6	n.a.	S 2
M 3	16 5 3	0♊54'45	14° 5	14° 3	20°15	2°40	7°31	23°55	12°20	14°53	7°31	18°R42	17° 8	16°13	n.a.	M 3
T 4	16 9 0	1°51'52	27°40	13°39	21°23	3°21	7°38	23°56	12°18	14°54	7°32	18°42	17° 5	16°20	n.a.	T 4
W 5	16 12 56	2°49'00	11♉ 4	13°11	22°31	4° 3	7°44	23°57	12°15	14°56	7°34	18°39	17° 2	16°27	n.a.	W 5
T 6	16 16 53	3°46'09	24°16	12°40	23°39	4°44	7°51	23°59	12°13	14°58	7°35	18°35	16°59	16°33	n.a.	T 6
F 7	16 20 50	4°43'18	7♊15	12° 6	24°47	5°26	7°57	24° 0	12°11	15° 0	7°37	18°29	16°56	16°40	n.a.	F 7
S 8	16 24 46	5°40'27	20° 0	11°29	25°56	6° 7	8° 3	24° 0	12° 9	15° 2	7°39	18°21	16°52	16°47	n.a.	S 8
S 9	16 28 43	6°37'37	2♋31	10°51	27° 4	6°48	8° 9	24° 1	12° 7	15° 3	7°40	18°13	16°49	16°53	n.a.	S 9
M10	16 32 39	7°34'48	14°50	10°11	28°13	7°29	8°14	24° 2	12° 5	15° 5	7°42	18° 4	16°46	17° 0	n.a.	M10
T 11	16 36 36	8°31'59	26°56	9°31	29°22	8°10	8°20	24° 2	12° 2	15° 7	7°43	17°57	16°43	17° 7	n.a.	T 11
W12	16 40 32	9°29'10	8♌54	8°51	0♉31	8°51	8°25	24° 3	12° 0	15° 9	7°45	17°51	16°40	17°13	n.a.	W12
T 13	16 44 29	10°26'22	20°47	8°11	1°40	9°32	8°30	24° 3	11°58	15°11	7°46	17°46	16°37	17°20	n.a.	T 13
F 14	16 48 25	11°23'34	2♍38	7°33	2°49	10°12	8°35	24° 4	11°56	15°13	7°48	17°44	16°33	17°27	n.a.	F 14
S 15	16 52 22	12°20'46	14°32	6°57	3°58	10°53	8°40	24° 4	11°54	15°15	7°50	17°D44	16°30	17°34	n.a.	S 15
S 16	16 56 19	13°17'59	26°35	6°24	5° 7	11°33	8°44	24°R 4	11°52	15°17	7°51	17°44	16°27	17°40	n.a.	S 16
M17	17 0 15	14°15'12	8♎52	5°55	6°16	12°14	8°49	24° 4	11°50	15°19	7°53	17°45	16°24	17°47	n.a.	M17
T 18	17 4 12	15°12'26	21°27	5°29	7°26	12°54	8°53	24° 3	11°48	15°20	7°54	17°R46	16°21	17°54	n.a.	T 18
W19	17 8 8	16° 9'41	4♏25	5° 9	8°35	13°34	8°57	24° 3	11°47	15°22	7°56	17°44	16°18	18° 0	n.a.	W19
T 20	17 12 5	17° 6'57	17°47	4°53	9°45	14°14	9° 1	24° 3	11°45	15°24	7°57	17°41	16°14	18° 7	n.a.	T 20
F 21	17 16 1	18° 4'13	1♐35	4°42	10°55	14°54	9° 4	24° 2	11°43	15°26	7°59	17°35	16°11	18°14	n.a.	F 21
S 22	17 19 58	19° 1'30	15°46	4°D37	12° 5	15°34	9° 8	24° 2	11°41	15°29	8° 1	17°27	16° 8	18°21	n.a.	S 22
S 23	17 23 54	19°58'48	0♑15	4°38	13°15	16°14	9°11	24° 1	11°39	15°31	8° 2	17°18	16° 5	18°27	n.a.	S 23
M24	17 27 51	20°56'07	14°56	4°46	14°25	16°53	9°14	24° 0	11°38	15°33	8° 4	17° 9	16° 2	18°34	n.a.	M24
T 25	17 31 48	21°53'27	29°41	4°59	15°35	17°33	9°17	24° 0	11°36	15°35	8° 5	17° 0	15°58	18°41	n.a.	T 25
W26	17 35 44	22°50'49	14♒23	5°19	16°45	18°12	9°20	23°59	11°34	15°37	8° 7	16°53	15°55	18°47	n.a.	W26
T 27	17 39 41	23°48'12	28°55	5°45	17°55	18°52	9°23	23°58	11°33	15°39	8° 8	16°49	15°52	18°54	n.a.	T 27
F 28	17 43 37	24°45'36	13♓12	6°18	19° 5	19°31	9°25	23°56	11°31	15°41	8°10	16°46	15°49	19° 1	n.a.	F 28
S 29	17 47 34	25°43'02	27°14	6°57	20°16	20°10	9°27	23°55	11°30	15°43	8°11	16°D46	15°46	19° 7	n.a.	S 29
S 30	17 51 30	26♊40'29	10♈59	7♊42	21♉26	20♈49	9♓29	23♒54	11♏28	15♋45	8♊13	16°R46	15♎43	19♌14	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n15	2s54	2n46	20n35	2s21	5n 3	2s18	0s47	1s25	10s17	1s25	15s41	2s 2	15s36	0n13	23n15	0n16	21n19	0s35	7s25	6s53	11n59		n.a.
S 2	20 28	1n38	1 38	20 18	2 36	5 29	2 17	0 30	1 24	10 14	1 25	15 41	2 2	15 35	0 13	23 14	0 16	21 19	0 35	7 26	6 51	11 58		n.a.
M 3	20 40	6 1	0 25	20 1	2 51	5 56	2 17	0 13	1 24	10 12	1 26	15 41	2 3	15 34	0 13	23 14	0 16	21 20	0 35	7 26	6 50	11 56		n.a.
T 4	20 52	10 3	0s48	19 44	3 5	6 22	2 16	0n 4	1 24	10 10	1 26	15 41	2 3	15 33	0 13	23 14	0 16	21 20	0 35	7 26	6 49	11 54		n.a.
W 5	21 3	13 31	1 58	19 27	3 19	6 48	2 15	0 21	1 24	10 8	1 26	15 41	2 3	15 33	0 13	23 14	0 16	21 20	0 35	7 25	6 48	11 53		n.a.
T 6	21 14	16 13	3 0	19 10	3 32	7 15	2 15	0 38	1 24	10 6	1 26	15 41	2 3	15 32	0 13	23 14	0 16	21 21	0 35	7 24	6 46	11 51		n.a.
F 7	21 25	18 3	3 52	18 53	3 45	7 41	2 14	0 55	1 23	10 3	1 27	15 40	2 4	15 31	0 13	23 13	0 16	21 21	0 35	7 21	6 45	11 50		n.a.
S 8	21 35	18 56	4 31	18 37	3 56	8 7	2 13	1 12	1 23	10 2	1 27	15 40	2 4	15 31	0 13	23 13	0 16	21 21	0 35	7 18	6 44	11 48		n.a.
S 9	21 45	18 52	4 56	18 22	4 6	8 33	2 12	1 29	1 23	10 0	1 27	15 40	2 4	15 30	0 13	23 13	0 16	21 22	0 35	7 15	6 43	11 46		n.a.
M10	21 55	17 54	5 6	18 8	4 14	8 59	2 10	1 45	1 23	9 58	1 28	15 40	2 5	15 29	0 13	23 13	0 16	21 22	0 35	7 12	6 41	11 45		n.a.
T 11	22 4	16 9	5 3	17 55	4 21	9 25	2 9	2 2	1 22	9 56	1 28	15 40	2 5	15 29	0 13	23 13	0 16	21 22	0 35	7 9	6 40	11 43		n.a.
W12	22 13	13 42	4 47	17 44	4 27	9 50	2 8	2 18	1 22	9 54	1 28	15 41	2 5	15 28	0 13	23 12	0 16	21 23	0 35	7 6	6 39	11 42		n.a.
T 13	22 22	10 43	4 18	17 34	4 31	10 16	2 6	2 35	1 22	9 53	1 29	15 41	2 5	15 28	0 13	23 12	0 16	21 23	0 35	7 5	6 38	11 40		n.a.
F 14	22 30	7 19	3 38	17 25	4 33	10 41	2 5	2 51	1 22	9 51	1 29	15 41	2 6	15 27	0 13	23 12	0 16	21 23	0 35	7 4	6 36	11 38		n.a.
S 15	22 38	3 36	2 49	17 19	4 34	11 6	2 3	3 8	1 21	9 49	1 29	15 41	2 6	15 26	0 13	23 12	0 16	21 24	0 34	7 4	6 35	11 37		n.a.
S 16	22 45	0s19	1 51	17 14	4 33	11 31	2 2	3 24	1 21	9 48	1 30	15 41	2 6	15 26	0 13	23 12	0 16	21 24	0 34	7 4	6 34	11 35		n.a.
M17	22 52	4 18	0 48	17 12	4 30	11 56	2 0	3 40	1 21	9 47	1 30	15 42	2 6	15 25	0 13	23 11	0 16	21 24	0 34	7 4	6 33	11 34		n.a.
T 18	22 59	8 11	0n20	17 11	4 26	12 21	1 58	3 57	1 20	9 45	1 30	15 42	2 7	15 24	0 13	23 11	0 16	21 25	0 34	7 5	6 32	11 32		n.a.
W19	23 5	11 49	1 28	17 13	4 21	12 45	1 56	4 13	1 20	9 44	1 30	15 42	2 7	15 24	0 13	23 11	0 16	21 25	0 34	7 4	6 30	11 30		n.a.
T 20	23 11	14 57	2 33	17 17	4 14	13 9	1 54	4 29	1 20	9 43	1 31	15 43	2 7	15 23	0 13	23 11	0 16	21 25	0 34	7 3	6 29	11 29		n.a.
F 21	23 16	17 21	3 32	17 24	4 5	13 33	1 53	4 45	1 19	9 42	1 31	15 43	2 8	15 23	0 13	23 10	0 16	21 25	0 34	7 0	6 28	11 27		n.a.
S 22	23 21	18 45	4 19	17 32	3 56	13 57	1 50	5 1	1 19	9 41	1 31	15 44	2 8	15 22	0 13	23 10	0 16	21 26	0 34	6 57	6 27	11 26		n.a.
S 23	23 26	18 59	4 50	17 42	3 46	14 20	1 48	5 17	1 18	9 40	1 32	15 44	2 8	15 22	0 13	23 10	0 16	21 26	0 34	6 54	6 25	11 24		n.a.
M24	23 30	17 57	5 3	17 55	3 34	14 43	1 46	5 32	1 18	9 39	1 32	15 45	2 8	15 21	0 13	23 10	0 16	21 26	0 34	6 50	6 24	11 22		n.a.
T 25	23 34	15 43	4 56	18 9	3 22	15 6	1 44	5 48	1 18	9 38	1 32	15 45	2 9	15 21	0 13	23 9	0 16	21 27	0 34	6 47	6 23	11 21		n.a.
W26	23 37	12 29	4 30	18 26	3 9	15 29	1 42	6 4	1 17	9 37	1 33	15 46	2 9	15 20	0 13	23 9	0 16	21 27	0 34	6 44	6 22	11 19		n.a.
T 27	23 40	8 31	3 46	18 44	2 55	15 51	1 39	6 19	1 17	9 37	1 33	15 46	2 9	15 20	0 13	23 9	0 16	21 27	0 34	6 42	6 20	11 18		n.a.
F 28	23 43	4 7	2 48	19 3	2 41	16 13	1 37	6 35	1 16	9 36	1 33	15 47	2 9	15 19	0 13	23 9	0 16	21 28	0 34	6 42	6 19	11 16		n.a.
S 29	23 45	0n26	1 42	19 24	2 27	16 34	1 35	6 50	1 16	9 35	1 34	15 48	2 10	15 19	0 13	23 9	0 16	21 28	0 34	6 41	6 18	11 14		n.a.
S 30	23n46	4n53	0n31	19n46	2s12	16n55	1s32	7n 5	1s16	9s35	1s34	15s48	2s10	15s18	0n13	23n 8	0n16	21n28	0s34	6s41	6s17	11n13		n.a.

Julian Day Number = 1342079.5, Delta T = 07h14m51s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'48, Lahiri = -18°17'47 Julian Calendar 1 June 1039 BCE == Greg. Calendar 22 May 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

JULY 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 55 27	27♊37'57	24♈28	8♊34	22♉37	21♈28	9♓31	23°R52	11°R27	15♋47	8♊14	16°R46	15♎39	19♌21	n.a.	M 1
T 2	17 59 24	28°35'27	7♉44	9°32	23°48	22° 7	9°33	23♒51	11♏25	15°49	8°16	16♎44	15°36	19°28	n.a.	T 2
W 3	18 3 20	29°32'59	20°46	10°35	24°59	22°45	9°34	23°49	11°24	15°52	8°17	16°40	15°33	19°34	n.a.	W 3
T 4	18 7 17	0♋30'32	3♊38	11°45	26° 9	23°24	9°36	23°47	11°23	15°54	8°19	16°34	15°30	19°41	n.a.	T 4
F 5	18 11 13	1°28'07	16°18	13° 0	27°20	24° 2	9°37	23°45	11°21	15°56	8°20	16°24	15°27	19°48	n.a.	F 5
S 6	18 15 10	2°25'43	28°47	14°20	28°31	24°40	9°38	23°43	11°20	15°58	8°22	16°12	15°24	19°54	n.a.	S 6
S 7	18 19 6	3°23'21	11♋ 6	15°46	29°43	25°19	9°38	23°41	11°19	16° 0	8°23	15°59	15°20	20° 1	n.a.	S 7
M 8	18 23 3	4°21'00	23°16	17°16	0♊54	25°57	9°39	23°39	11°18	16° 2	8°25	15°46	15°17	20° 8	n.a.	M 8
T 9	18 26 59	5°18'40	5♌17	18°51	2° 5	26°35	9°39	23°37	11°17	16° 5	8°26	15°34	15°14	20°14	n.a.	T 9
W10	18 30 56	6°16'21	17°11	20°31	3°16	27°12	9°R39	23°35	11°15	16° 7	8°28	15°23	15°11	20°21	n.a.	W10
T 11	18 34 53	7°14'04	29° 1	22°14	4°28	27°50	9°39	23°32	11°14	16° 9	8°29	15°16	15° 8	20°28	n.a.	T 11
F 12	18 38 49	8°11'48	10♍50	24° 0	5°39	28°27	9°39	23°30	11°13	16°11	8°30	15°11	15° 4	20°35	n.a.	F 12
S 13	18 42 46	9° 9'34	22°42	25°49	6°51	29° 5	9°38	23°27	11°13	16°13	8°32	15° 8	15° 1	20°41	n.a.	S 13
S 14	18 46 42	10° 7'20	4♎42	27°41	8° 2	29°42	9°37	23°24	11°12	16°16	8°33	15° 7	14°58	20°48	n.a.	S 14
M15	18 50 39	11° 5'08	16°57	29°35	9°14	0♉19	9°36	23°22	11°11	16°18	8°35	15° 7	14°55	20°55	n.a.	M15
T 16	18 54 35	12° 2'58	29°30	1♋31	10°26	0°56	9°35	23°19	11°10	16°20	8°36	15° 7	14°52	21° 1	n.a.	T 16
W17	18 58 32	13° 0'48	12♏26	3°29	11°38	1°33	9°34	23°16	11° 9	16°22	8°37	15° 5	14°49	21° 8	n.a.	W17
T 18	19 2 28	13°58'41	25°50	5°27	12°50	2°10	9°32	23°13	11° 9	16°25	8°39	15° 1	14°45	21°15	n.a.	T 18
F 19	19 6 25	14°56'34	9♐44	7°26	14° 2	2°46	9°31	23°10	11° 8	16°27	8°40	14°54	14°42	21°21	n.a.	F 19
S 20	19 10 22	15°54'30	24° 5	9°25	15°14	3°23	9°29	23° 6	11° 7	16°29	8°41	14°45	14°39	21°28	n.a.	S 20
S 21	19 14 18	16°52'26	8♑50	11°25	16°26	3°59	9°27	23° 3	11° 7	16°31	8°42	14°35	14°36	21°35	n.a.	S 21
M22	19 18 15	17°50'25	23°51	13°24	17°38	4°35	9°24	23° 0	11° 6	16°33	8°44	14°23	14°33	21°42	n.a.	M22
T 23	19 22 11	18°48'25	8♒59	15°23	18°50	5°11	9°22	22°56	11° 6	16°36	8°45	14°13	14°30	21°48	n.a.	T 23
W24	19 26 8	19°46'28	24° 2	17°21	20° 3	5°47	9°19	22°53	11° 6	16°38	8°46	14° 5	14°26	21°55	n.a.	W24
T 25	19 30 4	20°44'32	8♓53	19°19	21°15	6°22	9°16	22°49	11° 5	16°40	8°48	13°59	14°23	22° 2	n.a.	T 25
F 26	19 34 1	21°42'38	23°24	21°16	22°28	6°58	9°13	22°46	11° 5	16°42	8°49	13°56	14°20	22° 8	n.a.	F 26
S 27	19 37 57	22°40'46	7♈33	23°12	23°40	7°33	9°10	22°42	11° 5	16°45	8°50	13°55	14°17	22°15	n.a.	S 27
S 28	19 41 54	23°38'57	21°20	25° 7	24°53	8° 8	9° 6	22°38	11° 4	16°47	8°51	13°55	14°14	22°22	n.a.	S 28
M29	19 45 50	24°37'09	4♉44	27° 1	26° 5	8°43	9° 3	22°34	11° 4	16°49	8°52	13°54	14°10	22°28	n.a.	M29
T 30	19 49 47	25°35'24	17°50	28°54	27°18	9°18	8°59	22°31	11° 4	16°51	8°54	13°53	14° 7	22°35	n.a.	T 30
W31	19 53 44	26♋33'42	0♊39	0♌46	28♊31	9♉53	8♓55	22♒27	11°D 4	16♋53	8♊55	13♎49	14♎ 4	22♌42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23n48	9n 0	0s41	20n 9	1s57	17n16	1s30	7n20	1s15	9s35	1s34	15s49	2s10	15s18	0n13	23n 8	0n16	21n28	0s34	6s41		6s15		11n11			n.a.
T 2	23 49	12 36	1 49	20 33	1 42	17 37	1 27	7 35	1 15	9 34	1 35	15 50	2 11	15 17	0 13	23 8	0 16	21 29	0 33	6 41		6 14		11 9			n.a.
W 3	23 49	15 30	2 50	20 57	1 27	17 57	1 25	7 50	1 14	9 34	1 35	15 51	2 11	15 17	0 13	23 8	0 16	21 29	0 33	6 39		6 13		11 8			n.a.
T 4	23 49	17 35	3 41	21 21	1 12	18 16	1 22	8 5	1 14	9 34	1 35	15 52	2 11	15 17	0 13	23 7	0 16	21 29	0 33	6 37		6 12		11 6			n.a.
F 5	23 48	18 47	4 21	21 46	0 58	18 35	1 19	8 20	1 13	9 34	1 36	15 52	2 11	15 16	0 13	23 7	0 16	21 30	0 33	6 33		6 10		11 5			n.a.
S 6	23 48	19 2	4 47	22 10	0 43	18 54	1 17	8 35	1 13	9 34	1 36	15 53	2 12	15 16	0 13	23 7	0 16	21 30	0 33	6 28		6 9		11 3			n.a.
S 7	23 46	18 22	4 59	22 34	0 29	19 12	1 14	8 49	1 12	9 34	1 36	15 54	2 12	15 16	0 13	23 7	0 16	21 30	0 33	6 23		6 8		11 1			n.a.
M 8	23 45	16 53	4 58	22 57	0 15	19 30	1 11	9 4	1 12	9 34	1 37	15 55	2 12	15 15	0 13	23 6	0 16	21 31	0 33	6 18		6 7		11 0			n.a.
T 9	23 42	14 40	4 43	23 18	0 2	19 47	1 8	9 18	1 11	9 34	1 37	15 56	2 12	15 15	0 13	23 6	0 16	21 31	0 33	6 13		6 5		10 58			n.a.
W10	23 40	11 52	4 16	23 39	0n10	20 4	1 6	9 32	1 11	9 34	1 37	15 57	2 13	15 15	0 13	23 6	0 16	21 31	0 33	6 9		6 4		10 56			n.a.
T 11	23 37	8 36	3 38	23 57	0 22	20 20	1 3	9 47	1 10	9 35	1 38	15 58	2 13	15 14	0 13	23 6	0 16	21 31	0 33	6 6		6 3		10 55			n.a.
F 12	23 33	4 59	2 51	24 14	0 34	20 36	1 0	10 1	1 10	9 35	1 38	15 59	2 13	15 14	0 13	23 5	0 16	21 32	0 33	6 4		6 2		10 53			n.a.
S 13	23 30	1 10	1 56	24 29	0 44	20 51	0 57	10 15	1 9	9 36	1 38	16 0	2 13	15 14	0 13	23 5	0 16	21 32	0 33	6 3		6 0		10 52			n.a.
S 14	23 25	2s44	0 55	24 42	0 54	21 6	0 54	10 28	1 9	9 36	1 39	16 2	2 14	15 13	0 13	23 5	0 16	21 32	0 33	6 3		5 59		10 50			n.a.
M15	23 21	6 37	0n10	24 52	1 3	21 20	0 51	10 42	1 8	9 37	1 39	16 3	2 14	15 13	0 13	23 4	0 16	21 32	0 33	6 3		5 58		10 48			n.a.
T 16	23 16	10 18	1 15	24 59	1 11	21 34	0 48	10 56	1 7	9 38	1 39	16 4	2 14	15 13	0 13	23 4	0 16	21 33	0 33	6 3		5 57		10 47			n.a.
W17	23 10	13 36	2 19	25 4	1 18	21 47	0 45	11 9	1 7	9 38	1 40	16 5	2 14	15 13	0 13	23 4	0 16	21 33	0 33	6 2		5 55		10 45			n.a.
T 18	23 4	16 19	3 18	25 7	1 25	22 0	0 42	11 23	1 6	9 39	1 40	16 6	2 14	15 13	0 13	23 4	0 16	21 33	0 33	6 0		5 54		10 43			n.a.
F 19	22 58	18 12	4 6	25 6	1 30	22 11	0 40	11 36	1 6	9 40	1 40	16 8	2 15	15 12	0 13	23 3	0 16	21 34	0 33	5 58		5 53		10 42			n.a.
S 20	22 51	19 0	4 41	25 3	1 35	22 23	0 37	11 49	1 5	9 41	1 41	16 9	2 15	15 12	0 13	23 3	0 16	21 34	0 32	5 54		5 52		10 40			n.a.
S 21	22 44	18 33	4 59	24 58	1 39	22 33	0 34	12 2	1 4	9 42	1 41	16 10	2 15	15 12	0 13	23 3	0 16	21 34	0 32	5 50		5 50		10 38			n.a.
M22	22 36	16 48	4 56	24 49	1 42	22 43	0 31	12 15	1 4	9 44	1 41	16 11	2 15	15 12	0 12	23 3	0 16	21 34	0 32	5 46		5 49		10 37			n.a.
T 23	22 28	13 54	4 33	24 39	1 45	22 53	0 28	12 28	1 3	9 45	1 42	16 13	2 16	15 12	0 12	23 2	0 16	21 35	0 32	5 41		5 48		10 35			n.a.
W24	22 20	10 5	3 51	24 26	1 46	23 2	0 25	12 41	1 2	9 46	1 42	16 14	2 16	15 12	0 12	23 2	0 16	21 35	0 32	5 38		5 47		10 33			n.a.
T 25	22 11	5 41	2 54	24 10	1 47	23 10	0 22	12 53	1 2	9 47	1 42	16 16	2 16	15 12	0 12	23 2	0 16	21 35	0 32	5 36		5 45		10 32			n.a.
F 26	22 2	1 2	1 46	23 53	1 48	23 17	0 19	13 6	1 1	9 49	1 42	16 17	2 16	15 11	0 12	23 2	0 16	21 35	0 32	5 35		5 44		10 30			n.a.
S 27	21 52	3n33	0 34	23 33	1 48	23 24	0 16	13 18	1 0	9 50	1 43	16 18	2 16	15 11	0 12	23 1	0 17	21 36	0 32	5 34		5 43		10 29			n.a.
S 28	21 43	7 50	0s39	23 12	1 47	23 30	0 13	13 30	1 0	9 52	1 43	16 20	2 17	15 11	0 12	23 1	0 17	21 36	0 32	5 34		5 42		10 27			n.a.
M29	21 32	11 37	1 48	22 48	1 45	23 35	0 10	13 42	0 59	9 54	1 43	16 21	2 17	15 11	0 12	23 1	0 17	21 36	0 32	5 34		5 40		10 25			n.a.
T 30	21 21	14 43	2 49	22 23	1 44	23 40	0 7	13 54	0 58	9 55	1 44	16 23	2 17	15 11	0 12	23 0	0 17	21 36	0 32	5 34		5 39		10 24			n.a.
W31	21n10	17n 1	3s41	21n57	1n41	23n44	0s 4	14n 6	0s57	9s57	1s44	16s24	2s17	15s11	0n12	23n 0	0n17	21n37	0s32	5s32		5s38		10n22			n.a.

Julian Day Number = 1342109.5, Delta T = 07h14m50s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'44, Lahiri = -18°17'43 Julian Calendar 1 July 1039 BCE == Greg. Calendar 21 June 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

AUGUST 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 40	27♋32'01	13♊15	2♌37	29♊44	10♉27	8°R51	22°R23	11♏ 4	16♋56	8♊56	13°R42	14♎ 1	22♌48	n.a.	T 1
F 2	20 1 37	28°30'22	25°40	4°27	0♋57	11° 2	8♓46	22♒19	11° 4	16°58	8°57	13♎32	13°58	22°55	n.a.	F 2
S 3	20 5 33	29°28'46	7♋55	6°15	2°10	11°36	8°42	22°14	11° 4	17° 0	8°58	13°21	13°55	23° 2	n.a.	S 3
S 4	20 9 30	0♌27'12	20° 3	8° 3	3°23	12°10	8°37	22°10	11° 4	17° 2	8°59	13° 8	13°51	23° 9	n.a.	S 4
M 5	20 13 26	1°25'39	2♌ 3	9°49	4°36	12°43	8°32	22° 6	11° 5	17° 4	9° 0	12°54	13°48	23°15	n.a.	M 5
T 6	20 17 23	2°24'09	13°58	11°34	5°49	13°17	8°27	22° 2	11° 5	17° 7	9° 1	12°42	13°45	23°22	n.a.	T 6
W 7	20 21 19	3°22'41	25°49	13°18	7° 3	13°50	8°22	21°57	11° 5	17° 9	9° 2	12°32	13°42	23°29	n.a.	W 7
T 8	20 25 16	4°21'14	7♍37	15° 1	8°16	14°24	8°16	21°53	11° 6	17°11	9° 3	12°24	13°39	23°35	n.a.	T 8
F 9	20 29 13	5°19'50	19°26	16°42	9°29	14°57	8°11	21°49	11° 6	17°13	9° 4	12°19	13°35	23°42	n.a.	F 9
S 10	20 33 9	6°18'27	1♎18	18°23	10°43	15°29	8° 5	21°44	11° 7	17°15	9° 5	12°16	13°32	23°49	n.a.	S 10
S 11	20 37 6	7°17'06	13°18	20° 3	11°56	16° 2	7°59	21°40	11° 7	17°17	9° 6	12°D16	13°29	23°55	n.a.	S 11
M12	20 41 2	8°15'48	25°30	21°41	13°10	16°34	7°53	21°35	11° 8	17°19	9° 7	12°16	13°26	24° 2	n.a.	M12
T 13	20 44 59	9°14'31	8♏ 0	23°19	14°24	17° 6	7°47	21°31	11° 8	17°21	9° 8	12°R16	13°23	24° 9	n.a.	T 13
W14	20 48 55	10°13'15	20°52	24°56	15°37	17°38	7°41	21°26	11° 9	17°24	9° 9	12°16	13°20	24°15	n.a.	W14
T 15	20 52 52	11°12'02	4♐11	26°31	16°51	18°10	7°34	21°21	11°10	17°26	9°10	12°14	13°16	24°22	n.a.	T 15
F 16	20 56 48	12°10'51	17°59	28° 6	18° 5	18°42	7°28	21°17	11°10	17°28	9°10	12° 9	13°13	24°29	n.a.	F 16
S 17	21 0 45	13° 9'41	2♑17	29°39	19°19	19°13	7°21	21°12	11°11	17°30	9°11	12° 2	13°10	24°36	n.a.	S 17
S 18	21 4 42	14° 8'33	17° 3	1♍12	20°32	19°44	7°14	21° 7	11°12	17°32	9°12	11°54	13° 7	24°42	n.a.	S 18
M19	21 8 38	15° 7'28	2♒ 8	2°44	21°46	20°15	7° 8	21° 3	11°13	17°34	9°13	11°45	13° 4	24°49	n.a.	M19
T 20	21 12 35	16° 6'24	17°25	4°14	23° 0	20°45	7° 1	20°58	11°14	17°36	9°14	11°37	13° 1	24°56	n.a.	T 20
W21	21 16 31	17° 5'23	2♓42	5°44	24°14	21°16	6°53	20°53	11°15	17°38	9°14	11°30	12°57	25° 2	n.a.	W21
T 22	21 20 28	18° 4'23	17°49	7°13	25°28	21°46	6°46	20°49	11°16	17°40	9°15	11°26	12°54	25° 9	n.a.	T 22
F 23	21 24 24	19° 3'26	2♈36	8°40	26°43	22°16	6°39	20°44	11°17	17°42	9°16	11°24	12°51	25°16	n.a.	F 23
S 24	21 28 21	20° 2'32	16°59	10° 7	27°57	22°45	6°31	20°39	11°19	17°44	9°16	11°D24	12°48	25°22	n.a.	S 24
S 25	21 32 17	21° 1'40	0♉55	11°33	29°11	23°15	6°24	20°34	11°20	17°46	9°17	11°25	12°45	25°29	n.a.	S 25
M26	21 36 14	22° 0'50	14°25	12°58	0♌25	23°44	6°16	20°30	11°21	17°48	9°18	11°26	12°41	25°36	n.a.	M26
T 27	21 40 10	23° 0'03	27°31	14°22	1°40	24°13	6° 9	20°25	11°22	17°50	9°18	11°R26	12°38	25°42	n.a.	T 27
W28	21 44 7	23°59'19	10♊16	15°44	2°54	24°41	6° 1	20°20	11°24	17°51	9°19	11°24	12°35	25°49	n.a.	W28
T 29	21 48 4	24°58'37	22°45	17° 6	4° 9	25° 9	5°53	20°15	11°25	17°53	9°19	11°21	12°32	25°56	n.a.	T 29
F 30	21 52 0	25°57'57	5♋ 1	18°26	5°23	25°37	5°45	20°11	11°27	17°55	9°20	11°15	12°29	26° 2	n.a.	F 30
S 31	21 55 57	26♌57'20	17♋ 7	19♍45	6♌38	26♉ 5	5♓37	20♒ 6	11♏28	17♋57	9♊20	11♎ 8	12♎26	26♌ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20n59	18n27	4s20	21n29	1n38	23n48	0s 1	14n18	0s57	9s59	1s44	16s26	2s17	15s11	0n12	23n 0	0n17	21n37	0s32	5s29	5s37	10n20			n.a.
F 2	20 47	18 58	4 47	20 59	1 35	23 50	0n 2	14 29	0 56	10 1	1 44	16 27	2 17	15 11	0 12	23 0	0 17	21 37	0 32	5 25	5 35	10 19			n.a.
S 3	20 35	18 35	5 0	20 29	1 31	23 52	0 4	14 41	0 55	10 3	1 45	16 29	2 18	15 11	0 12	22 59	0 17	21 37	0 32	5 21	5 34	10 17			n.a.
S 4	20 22	17 22	4 59	19 57	1 27	23 53	0 7	14 52	0 54	10 5	1 45	16 30	2 18	15 12	0 12	22 59	0 17	21 37	0 32	5 16	5 33	10 15			n.a.
M 5	20 9	15 23	4 45	19 24	1 23	23 54	0 10	15 3	0 54	10 7	1 45	16 32	2 18	15 12	0 12	22 59	0 17	21 38	0 32	5 10	5 32	10 14			n.a.
T 6	19 56	12 47	4 18	18 50	1 18	23 54	0 13	15 14	0 53	10 9	1 45	16 33	2 18	15 12	0 12	22 59	0 17	21 38	0 32	5 6	5 30	10 12			n.a.
W 7	19 42	9 40	3 41	18 16	1 13	23 53	0 15	15 25	0 52	10 12	1 46	16 35	2 18	15 12	0 12	22 58	0 17	21 38	0 32	5 1	5 29	10 10			n.a.
T 8	19 28	6 10	2 53	17 40	1 8	23 51	0 18	15 36	0 51	10 14	1 46	16 37	2 18	15 12	0 12	22 58	0 17	21 38	0 31	4 58	5 28	10 9			n.a.
F 9	19 14	2 26	1 59	17 4	1 3	23 49	0 21	15 46	0 50	10 16	1 46	16 38	2 18	15 12	0 12	22 58	0 17	21 38	0 31	4 56	5 27	10 7			n.a.
S 10	18 59	1s25	0 58	16 27	0 57	23 46	0 23	15 57	0 49	10 19	1 46	16 40	2 19	15 12	0 12	22 58	0 17	21 39	0 31	4 55	5 25	10 5			n.a.
S 11	18 44	5 15	0n 6	15 50	0 51	23 42	0 26	16 7	0 49	10 21	1 47	16 41	2 19	15 12	0 12	22 57	0 17	21 39	0 31	4 55	5 24	10 4			n.a.
M12	18 29	8 56	1 10	15 12	0 45	23 38	0 29	16 17	0 48	10 23	1 47	16 43	2 19	15 13	0 12	22 57	0 17	21 39	0 31	4 55	5 23	10 2			n.a.
T 13	18 13	12 18	2 13	14 34	0 38	23 33	0 31	16 28	0 47	10 26	1 47	16 45	2 19	15 13	0 12	22 57	0 17	21 39	0 31	4 55	5 22	10 0			n.a.
W14	17 58	15 11	3 11	13 55	0 32	23 27	0 34	16 38	0 46	10 29	1 47	16 46	2 19	15 13	0 12	22 57	0 17	21 39	0 31	4 55	5 20	9 59			n.a.
T 15	17 41	17 22	4 1	13 16	0 25	23 20	0 36	16 47	0 45	10 31	1 48	16 48	2 19	15 13	0 12	22 56	0 17	21 40	0 31	4 54	5 19	9 57			n.a.
F 16	17 25	18 38	4 39	12 36	0 18	23 13	0 39	16 57	0 44	10 34	1 48	16 49	2 19	15 14	0 12	22 56	0 17	21 40	0 31	4 53	5 18	9 55			n.a.
S 17	17 8	18 47	5 1	11 57	0 11	23 5	0 41	17 7	0 43	10 37	1 48	16 51	2 19	15 14	0 12	22 56	0 17	21 40	0 31	4 50	5 17	9 54			n.a.
S 18	16 51	17 41	5 4	11 17	0 4	22 56	0 43	17 16	0 42	10 39	1 48	16 53	2 20	15 14	0 12	22 56	0 17	21 40	0 31	4 47	5 15	9 52			n.a.
M19	16 33	15 21	4 46	10 37	0s 3	22 46	0 46	17 25	0 41	10 42	1 48	16 54	2 20	15 15	0 12	22 55	0 17	21 40	0 31	4 43	5 14	9 50			n.a.
T 20	16 15	11 55	4 8	9 57	0 11	22 36	0 48	17 35	0 40	10 45	1 48	16 56	2 20	15 15	0 12	22 55	0 17	21 40	0 31	4 40	5 13	9 49			n.a.
W21	15 57	7 41	3 12	9 16	0 18	22 25	0 50	17 44	0 39	10 48	1 49	16 58	2 20	15 15	0 12	22 55	0 17	21 41	0 31	4 37	5 12	9 47			n.a.
T 22	15 39	3 0	2 3	8 36	0 25	22 14	0 52	17 53	0 38	10 51	1 49	16 59	2 20	15 16	0 12	22 55	0 17	21 41	0 31	4 35	5 10	9 45			n.a.
F 23	15 21	1n46	0 47	7 56	0 33	22 2	0 54	18 1	0 37	10 54	1 49	17 1	2 20	15 16	0 12	22 54	0 17	21 41	0 31	4 35	5 9	9 43			n.a.
S 24	15 2	6 19	0s30	7 16	0 40	21 49	0 56	18 10	0 36	10 56	1 49	17 2	2 20	15 16	0 12	22 54	0 17	21 41	0 31	4 35	5 8	9 42			n.a.
S 25	14 43	10 22	1 43	6 36	0 48	21 35	0 58	18 19	0 35	10 59	1 49	17 4	2 20	15 17	0 12	22 54	0 17	21 41	0 31	4 35	5 7	9 40			n.a.
M26	14 23	13 44	2 48	5 56	0 56	21 21	1 0	18 27	0 34	11 2	1 49	17 6	2 20	15 17	0 12	22 54	0 17	21 41	0 31	4 35	5 5	9 38			n.a.
T 27	14 4	16 18	3 43	5 17	1 3	21 7	1 2	18 35	0 33	11 5	1 49	17 7	2 20	15 18	0 12	22 53	0 17	21 42	0 30	4 35	5 4	9 37			n.a.
W28	13 44	17 59	4 24	4 38	1 11	20 51	1 4	18 43	0 32	11 8	1 49	17 9	2 20	15 18	0 12	22 53	0 17	21 42	0 30	4 35	5 3	9 35			n.a.
T 29	13 24	18 45	4 53	3 59	1 18	20 35	1 6	18 51	0 31	11 11	1 50	17 10	2 20	15 19	0 12	22 53	0 17	21 42	0 30	4 33	5 2	9 33			n.a.
F 30	13 4	18 37	5 7	3 20	1 26	20 18	1 7	18 59	0 30	11 14	1 50	17 12	2 20	15 19	0 12	22 53	0 17	21 42	0 30	4 31	5 0	9 32			n.a.
S 31	12n43	17n38	5s 7	2n42	1s33	20n 1	1n 9	19n 7	0s29	11s17	1s50	17s13	2s20	15s20	0n12	22n52	0n17	21n42	0s30	4s28	4s59	9n30			n.a.

Julian Day Number = 1342140.5, Delta T = 07h14m48s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'39, Lahiri = -18°17'39 Julian Calendar 1 Aug. 1039 BCE == Greg. Calendar 22 July 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

SEPTEMBER 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 59 53	27♌56'45	29♋ 5	21♍ 3	7♌52	26♉33	5°R29	20°R 1	11♏30	17♋59	9♊21	11°R 0	12♎22	26♌16	n.a.	S 1
M 2	22 3 50	28°56'12	10♌59	22°20	9° 7	27° 0	5♓21	19♒57	11°31	18° 1	9°21	10♎52	12°19	26°23	n.a.	M 2
T 3	22 7 46	29°55'41	22°50	23°35	10°21	27°26	5°13	19°52	11°33	18° 2	9°22	10°44	12°16	26°29	n.a.	T 3
W 4	22 11 43	0♍55'13	4♍39	24°49	11°36	27°53	5° 5	19°47	11°35	18° 4	9°22	10°37	12°13	26°36	n.a.	W 4
T 5	22 15 39	1°54'47	16°29	26° 1	12°51	28°19	4°57	19°43	11°37	18° 6	9°23	10°33	12°10	26°43	n.a.	T 5
F 6	22 19 36	2°54'23	28°22	27°11	14° 6	28°45	4°49	19°38	11°38	18° 8	9°23	10°30	12° 7	26°49	n.a.	F 6
S 7	22 23 32	3°54'01	10♎19	28°20	15°21	29°10	4°41	19°34	11°40	18° 9	9°23	10°D29	12° 3	26°56	n.a.	S 7
S 8	22 27 29	4°53'41	22°25	29°26	16°35	29°35	4°33	19°29	11°42	18°11	9°24	10°30	12° 0	27° 3	n.a.	S 8
M 9	22 31 26	5°53'23	4♏41	0♎31	17°50	29°59	4°25	19°25	11°44	18°13	9°24	10°31	11°57	27° 9	n.a.	M 9
T 10	22 35 22	6°53'07	17°12	1°32	19° 5	0♊24	4°17	19°20	11°46	18°14	9°24	10°33	11°54	27°16	n.a.	T 10
W11	22 39 19	7°52'52	0♐ 3	2°32	20°20	0°48	4° 8	19°16	11°48	18°16	9°24	10°34	11°51	27°23	n.a.	W11
T 12	22 43 15	8°52'40	13°16	3°28	21°35	1°12	4° 0	19°12	11°50	18°17	9°25	10°R34	11°47	27°29	n.a.	T 12
F 13	22 47 12	9°52'29	26°55	4°21	22°50	1°35	3°52	19° 7	11°52	18°19	9°25	10°33	11°44	27°36	n.a.	F 13
S 14	22 51 8	10°52'21	11♑ 0	5°10	24° 5	1°58	3°44	19° 3	11°55	18°20	9°25	10°31	11°41	27°43	n.a.	S 14
S 15	22 55 5	11°52'14	25°32	5°56	25°20	2°20	3°36	18°59	11°57	18°22	9°25	10°27	11°38	27°49	n.a.	S 15
M16	22 59 1	12°52'09	10♒25	6°37	26°35	2°43	3°28	18°55	11°59	18°23	9°25	10°23	11°35	27°56	n.a.	M16
T 17	23 2 58	13°52'05	25°33	7°13	27°50	3° 4	3°21	18°51	12° 1	18°25	9°25	10°19	11°32	28° 3	n.a.	T 17
W18	23 6 54	14°52'04	10♓46	7°45	29° 6	3°25	3°13	18°47	12° 4	18°26	9°25	10°16	11°28	28° 9	n.a.	W18
T 19	23 10 51	15°52'04	25°55	8°10	0♍21	3°46	3° 5	18°43	12° 6	18°28	9°25	10°15	11°25	28°16	n.a.	T 19
F 20	23 14 48	16°52'07	10♈50	8°29	1°36	4° 7	2°57	18°39	12° 8	18°29	9°R25	10°D14	11°22	28°23	n.a.	F 20
S 21	23 18 44	17°52'12	25°24	8°41	2°51	4°27	2°50	18°35	12°11	18°30	9°25	10°15	11°19	28°30	n.a.	S 21
S 22	23 22 41	18°52'19	9♉32	8°R45	4° 7	4°46	2°42	18°31	12°13	18°32	9°25	10°16	11°16	28°36	n.a.	S 22
M23	23 26 37	19°52'28	23°12	8°41	5°22	5° 5	2°35	18°28	12°16	18°33	9°25	10°17	11°12	28°43	n.a.	M23
T 24	23 30 34	20°52'40	6♊26	8°29	6°37	5°24	2°28	18°24	12°18	18°34	9°25	10°19	11° 9	28°50	n.a.	T 24
W25	23 34 30	21°52'54	19°15	8° 7	7°52	5°42	2°20	18°21	12°21	18°35	9°25	10°R19	11° 6	28°56	n.a.	W25
T 26	23 38 27	22°53'10	1♋45	7°36	9° 8	5°59	2°13	18°17	12°24	18°37	9°25	10°19	11° 3	29° 3	n.a.	T 26
F 27	23 42 23	23°53'28	13°58	6°55	10°23	6°16	2° 6	18°14	12°26	18°38	9°25	10°18	11° 0	29°10	n.a.	F 27
S 28	23 46 20	24°53'48	26° 0	6° 5	11°39	6°33	1°59	18°10	12°29	18°39	9°25	10°16	10°57	29°16	n.a.	S 28
S 29	23 50 17	25°54'10	7♌54	5° 6	12°54	6°49	1°53	18° 7	12°32	18°40	9°24	10°14	10°53	29°23	n.a.	S 29
M30	23 54 13	26♍54'35	19♌44	3♎59	14♍ 9	7♊ 4	1♓46	18♒ 4	12♏35	18♋41	9♊24	10♎12	10♎50	29♌30	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n22	15n53	4s53	2n 4	1s40	19n43	1n10	19n15	0s27	11s21	1s50	17s15	2s20	15s20	0n12	22n52	0n17	21n42	0s30	4s25	4s58	9n28		n.a.
M 2	12 2	13 28	4 27	1 27	1 48	19 25	1 12	19 22	0 26	11 24	1 50	17 17	2 20	15 21	0 12	22 52	0 17	21 42	0 30	4 22	4 57	9 27		n.a.
T 3	11 40	10 30	3 50	0 50	1 55	19 6	1 13	19 29	0 25	11 27	1 50	17 18	2 20	15 21	0 12	22 52	0 17	21 42	0 30	4 19	4 55	9 25		n.a.
W 4	11 19	7 8	3 2	0 14	2 2	18 46	1 15	19 37	0 24	11 30	1 50	17 20	2 20	15 22	0 12	22 51	0 17	21 43	0 30	4 16	4 54	9 23		n.a.
T 5	10 58	3 28	2 7	0s21	2 8	18 26	1 16	19 44	0 23	11 33	1 50	17 21	2 20	15 22	0 12	22 51	0 17	21 43	0 30	4 14	4 53	9 21		n.a.
F 6	10 36	0s20	1 6	0 56	2 15	18 5	1 17	19 51	0 21	11 36	1 50	17 23	2 20	15 23	0 12	22 51	0 17	21 43	0 30	4 13	4 52	9 20		n.a.
S 7	10 14	4 10	0 1	1 29	2 22	17 44	1 19	19 58	0 20	11 39	1 50	17 24	2 20	15 23	0 12	22 51	0 17	21 43	0 30	4 13	4 50	9 18		n.a.
S 8	9 52	7 51	1n 5	2 2	2 28	17 23	1 20	20 4	0 19	11 42	1 50	17 25	2 20	15 24	0 12	22 51	0 17	21 43	0 30	4 13	4 49	9 16		n.a.
M 9	9 30	11 16	2 9	2 33	2 34	17 0	1 21	20 11	0 18	11 45	1 50	17 27	2 20	15 25	0 12	22 50	0 17	21 43	0 30	4 14	4 48	9 15		n.a.
T 10	9 7	14 14	3 8	3 3	2 39	16 38	1 22	20 17	0 16	11 48	1 50	17 28	2 20	15 25	0 12	22 50	0 17	21 43	0 30	4 14	4 47	9 13		n.a.
W11	8 45	16 36	3 59	3 32	2 45	16 14	1 23	20 24	0 15	11 51	1 50	17 30	2 20	15 26	0 11	22 50	0 17	21 43	0 30	4 15	4 45	9 11		n.a.
T 12	8 22	18 8	4 39	3 59	2 50	15 51	1 24	20 30	0 14	11 54	1 50	17 31	2 20	15 27	0 11	22 50	0 17	21 43	0 30	4 15	4 44	9 10		n.a.
F 13	7 59	18 42	5 5	4 25	2 54	15 27	1 24	20 36	0 12	11 57	1 50	17 32	2 20	15 27	0 11	22 50	0 17	21 43	0 30	4 14	4 43	9 8		n.a.
S 14	7 36	18 9	5 14	4 48	2 58	15 2	1 25	20 42	0 11	12 0	1 50	17 34	2 20	15 28	0 11	22 49	0 17	21 43	0 30	4 13	4 41	9 6		n.a.
S 15	7 13	16 24	5 3	5 10	3 2	14 37	1 26	20 48	0 9	12 3	1 50	17 35	2 20	15 29	0 11	22 49	0 17	21 44	0 30	4 12	4 40	9 4		n.a.
M16	6 50	13 33	4 32	5 29	3 4	14 12	1 26	20 54	0 8	12 5	1 50	17 36	2 20	15 29	0 11	22 49	0 17	21 44	0 29	4 10	4 39	9 3		n.a.
T 17	6 27	9 44	3 42	5 45	3 6	13 46	1 27	21 0	0 6	12 8	1 50	17 37	2 20	15 30	0 11	22 49	0 17	21 44	0 29	4 9	4 38	9 1		n.a.
W18	6 3	5 15	2 35	5 59	3 8	13 20	1 27	21 5	0 5	12 11	1 50	17 39	2 20	15 31	0 11	22 49	0 17	21 44	0 29	4 8	4 36	8 59		n.a.
T 19	5 39	0 27	1 18	6 10	3 8	12 53	1 28	21 11	0 3	12 14	1 50	17 40	2 20	15 32	0 11	22 49	0 17	21 44	0 29	4 7	4 35	8 58		n.a.
F 20	5 16	4n18	0s 3	6 17	3 8	12 26	1 28	21 16	0 2	12 17	1 49	17 41	2 20	15 32	0 11	22 48	0 17	21 44	0 29	4 7	4 34	8 56		n.a.
S 21	4 52	8 42	1 23	6 20	3 6	11 59	1 28	21 21	0 0	12 19	1 49	17 42	2 20	15 33	0 11	22 48	0 17	21 44	0 29	4 7	4 33	8 54		n.a.
S 22	4 28	12 27	2 35	6 19	3 3	11 32	1 28	21 27	0n 1	12 22	1 49	17 43	2 20	15 34	0 11	22 48	0 17	21 44	0 29	4 8	4 31	8 52		n.a.
M23	4 4	15 23	3 36	6 14	2 59	11 4	1 29	21 32	0 3	12 25	1 49	17 44	2 20	15 35	0 11	22 48	0 18	21 44	0 29	4 8	4 30	8 51		n.a.
T 24	3 40	17 24	4 23	6 3	2 53	10 35	1 29	21 37	0 4	12 27	1 49	17 45	2 19	15 36	0 11	22 48	0 18	21 44	0 29	4 9	4 29	8 49		n.a.
W25	3 16	18 28	4 55	5 48	2 46	10 7	1 29	21 42	0 6	12 30	1 49	17 46	2 19	15 36	0 11	22 48	0 18	21 44	0 29	4 9	4 28	8 47		n.a.
T 26	2 52	18 36	5 13	5 27	2 36	9 38	1 28	21 46	0 8	12 32	1 49	17 47	2 19	15 37	0 11	22 47	0 18	21 44	0 29	4 9	4 26	8 46		n.a.
F 27	2 28	17 50	5 16	5 0	2 25	9 9	1 28	21 51	0 9	12 35	1 49	17 48	2 19	15 38	0 11	22 47	0 18	21 44	0 29	4 8	4 25	8 44		n.a.
S 28	2 4	16 18	5 4	4 28	2 13	8 40	1 28	21 56	0 11	12 37	1 48	17 49	2 19	15 39	0 11	22 47	0 18	21 44	0 29	4 8	4 24	8 42		n.a.
S 29	1 39	14 4	4 40	3 51	1 58	8 10	1 28	22 0	0 13	12 39	1 48	17 50	2 19	15 40	0 11	22 47	0 18	21 44	0 29	4 7	4 23	8 40		n.a.
M30	1n15	11n16	4s 4	3s 9	1s41	7n40	1n27	22n 4	0n15	12s41	1s48	17s51	2s19	15s41	0n11	22n47	0n18	21n44	0s29	4s 6	4s21	8n39		n.a.

Julian Day Number = 1342171.5, Delta T = 07h14m47s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'35, Lahiri = -18°17'35 Julian Calendar 1 Sept. 1039 BCE == Greg. Calendar 22 Aug. 1039 BCE

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

OCTOBER 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 10	27♍55'01	1♍34	2°R46	15♍25	7♊19	1°R39	18°R 1	12♏37	18♋42	9°R24	10°R10	10♎47	29♌36	n.a.	T 1
W 2	0 2 6	28°55'29	13°24	1♎29	16°40	7°33	1♓33	17♒58	12°40	18°43	9♊24	10♎ 8	10°44	29°43	n.a.	W 2
T 3	0 6 3	29°55'59	25°19	0° 9	17°56	7°47	1°27	17°55	12°43	18°44	9°23	10° 7	10°41	29°50	n.a.	T 3
F 4	0 9 59	0♎56'31	7♎20	28♍50	19°11	8° 0	1°21	17°52	12°46	18°45	9°23	10°D 7	10°38	29°56	n.a.	F 4
S 5	0 13 56	1°57'05	19°29	27°34	20°27	8°12	1°15	17°49	12°49	18°46	9°23	10° 7	10°34	0♍ 3	n.a.	S 5
S 6	0 17 52	2°57'40	1♏47	26°24	21°42	8°24	1° 9	17°47	12°52	18°47	9°22	10° 7	10°31	0°10	n.a.	S 6
M 7	0 21 49	3°58'16	14°17	25°21	22°58	8°35	1° 3	17°44	12°55	18°48	9°22	10° 8	10°28	0°16	n.a.	M 7
T 8	0 25 45	4°58'55	27° 0	24°27	24°14	8°46	0°58	17°42	12°58	18°49	9°21	10° 9	10°25	0°23	n.a.	T 8
W 9	0 29 42	5°59'34	9♐57	23°44	25°29	8°56	0°53	17°40	13° 1	18°49	9°21	10° 9	10°22	0°30	n.a.	W 9
T 10	0 33 39	7° 0'15	23°13	23°12	26°45	9° 5	0°47	17°37	13° 4	18°50	9°20	10° 9	10°18	0°36	n.a.	T 10
F 11	0 37 35	8° 0'58	6♑47	22°52	28° 0	9°14	0°42	17°35	13° 7	18°51	9°20	10°R10	10°15	0°43	n.a.	F 11
S 12	0 41 32	9° 1'41	20°41	22°D44	29°16	9°22	0°38	17°33	13°11	18°52	9°19	10° 9	10°12	0°50	n.a.	S 12
S 13	0 45 28	10° 2'26	4♒54	22°47	0♎32	9°29	0°33	17°31	13°14	18°52	9°19	10°D 9	10° 9	0°56	n.a.	S 13
M14	0 49 25	11° 3'12	19°25	23° 0	1°47	9°36	0°29	17°29	13°17	18°53	9°18	10° 9	10° 6	1° 3	n.a.	M14
T 15	0 53 21	12° 3'59	4♓10	23°23	3° 3	9°41	0°24	17°28	13°20	18°53	9°18	10°10	10° 3	1°10	n.a.	T 15
W16	0 57 18	13° 4'47	19° 3	23°56	4°18	9°46	0°20	17°26	13°23	18°54	9°17	10°10	9°59	1°16	n.a.	W16
T 17	1 1 14	14° 5'37	3♈56	24°36	5°34	9°51	0°16	17°24	13°27	18°54	9°17	10°R10	9°56	1°23	n.a.	T 17
F 18	1 5 11	15° 6'28	18°42	25°23	6°50	9°54	0°13	17°23	13°30	18°55	9°16	10°10	9°53	1°30	n.a.	F 18
S 19	1 9 8	16° 7'20	3♉14	26°16	8° 5	9°57	0° 9	17°22	13°33	18°55	9°15	10°10	9°50	1°37	n.a.	S 19
S 20	1 13 4	17° 8'14	17°25	27°16	9°21	9°59	0° 6	17°20	13°37	18°56	9°14	10° 9	9°47	1°43	n.a.	S 20
M21	1 17 1	18° 9'09	1♊11	28°19	10°36	10° 0	0° 3	17°19	13°40	18°56	9°14	10° 8	9°43	1°50	n.a.	M21
T 22	1 20 57	19°10'05	14°33	29°27	11°52	10°R 1	29♒59	17°18	13°43	18°57	9°13	10° 7	9°40	1°57	n.a.	T 22
W23	1 24 54	20°11'03	27°29	0♎39	13° 8	10° 1	29°57	17°17	13°47	18°57	9°12	10° 6	9°37	2° 3	n.a.	W23
T 24	1 28 50	21°12'03	10♋ 4	1°54	14°23	9°59	29°55	17°16	13°50	18°57	9°12	10° 5	9°34	2°10	n.a.	T 24
F 25	1 32 47	22°13'04	22°20	3°11	15°39	9°57	29°52	17°16	13°54	18°57	9°11	10°D 5	9°31	2°17	n.a.	F 25
S 26	1 36 43	23°14'06	4♌23	4°31	16°55	9°55	29°50	17°15	13°57	18°58	9°10	10° 5	9°28	2°23	n.a.	S 26
S 27	1 40 40	24°15'09	16°16	5°52	18°10	9°51	29°48	17°15	14° 1	18°58	9° 9	10° 6	9°24	2°30	n.a.	S 27
M28	1 44 37	25°16'14	28° 5	7°15	19°26	9°47	29°47	17°14	14° 4	18°58	9° 8	10° 7	9°21	2°37	n.a.	M28
T 29	1 48 33	26°17'20	9♍54	8°40	20°42	9°41	29°45	17°14	14° 8	18°58	9° 7	10° 9	9°18	2°43	n.a.	T 29
W30	1 52 30	27°18'27	21°48	10° 5	21°57	9°35	29°44	17°14	14°11	18°58	9° 6	10°10	9°15	2°50	n.a.	W30
T 31	1 56 26	28♎19'35	3♎49	11♎32	23♎13	9♊28	29♒43	17°D14	14♏15	18♋58	9♊ 6	10♎11	9♎12	2♍57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	0n50	8n 1	3s18	2s23	1s23	7n10	1n27	22n 9	0n16	12s44	1s48	17s52	2s19	15s42	0n11	22n47	0n18	21n44	0s29	4s 5		4s20		8n37			n.a.
W 2	0 26	4 26	2 23	1 35	1 4	6 40	1 26	22 13	0 18	12 46	1 48	17 53	2 19	15 42	0 11	22 47	0 18	21 44	0 29	4 5		4 19		8 35			n.a.
T 3	0 2	0 39	1 21	0 44	0 44	6 9	1 26	22 17	0 20	12 48	1 48	17 54	2 18	15 43	0 11	22 47	0 18	21 44	0 29	4 4		4 17		8 33			n.a.
F 4	0s23	3s12	0 15	0n 7	0 23	5 39	1 25	22 21	0 22	12 50	1 47	17 54	2 18	15 44	0 11	22 46	0 18	21 44	0 29	4 4		4 16		8 32			n.a.
S 5	0 47	6 57	0n52	0 56	0 3	5 8	1 25	22 25	0 24	12 52	1 47	17 55	2 18	15 45	0 11	22 46	0 18	21 44	0 28	4 4		4 15		8 30			n.a.
S 6	1 12	10 27	1 58	1 43	0n18	4 37	1 24	22 29	0 26	12 54	1 47	17 56	2 18	15 46	0 11	22 46	0 18	21 44	0 28	4 4		4 14		8 28			n.a.
M 7	1 36	13 32	2 59	2 26	0 37	4 6	1 23	22 33	0 28	12 56	1 47	17 56	2 18	15 47	0 11	22 46	0 18	21 44	0 28	4 4		4 12		8 27			n.a.
T 8	2 1	16 2	3 52	3 5	0 55	3 35	1 22	22 36	0 30	12 57	1 46	17 57	2 18	15 48	0 11	22 46	0 18	21 44	0 28	4 5		4 11		8 25			n.a.
W 9	2 25	17 46	4 35	3 37	1 11	3 4	1 21	22 40	0 32	12 59	1 46	17 58	2 18	15 49	0 11	22 46	0 18	21 44	0 28	4 5		4 10		8 23			n.a.
T 10	2 49	18 35	5 4	4 3	1 26	2 32	1 20	22 43	0 34	13 1	1 46	17 58	2 18	15 50	0 11	22 46	0 18	21 44	0 28	4 5		4 9		8 21			n.a.
F 11	3 14	18 21	5 17	4 23	1 39	2 1	1 19	22 47	0 36	13 2	1 46	17 59	2 17	15 51	0 11	22 46	0 18	21 44	0 28	4 5		4 7		8 20			n.a.
S 12	3 38	17 3	5 13	4 37	1 50	1 29	1 18	22 50	0 38	13 4	1 46	17 59	2 17	15 52	0 11	22 46	0 18	21 44	0 28	4 5		4 6		8 18			n.a.
S 13	4 2	14 40	4 49	4 44	2 0	0 58	1 17	22 53	0 40	13 5	1 45	18 0	2 17	15 53	0 11	22 46	0 18	21 44	0 28	4 5		4 5		8 16			n.a.
M14	4 26	11 20	4 6	4 46	2 7	0 26	1 16	22 56	0 43	13 7	1 45	18 0	2 17	15 54	0 11	22 46	0 18	21 44	0 28	4 5		4 4		8 14			n.a.
T 15	4 51	7 14	3 7	4 42	2 13	0s 6	1 14	22 59	0 45	13 8	1 45	18 1	2 17	15 55	0 11	22 46	0 18	21 44	0 28	4 5		4 2		8 13			n.a.
W16	5 15	2 39	1 55	4 33	2 18	0 37	1 13	23 2	0 47	13 9	1 45	18 1	2 17	15 56	0 11	22 45	0 18	21 44	0 28	4 5		4 1		8 11			n.a.
T 17	5 39	2n 7	0 35	4 20	2 21	1 9	1 12	23 5	0 49	13 10	1 44	18 1	2 16	15 57	0 11	22 45	0 18	21 44	0 28	4 5		4 0		8 9			n.a.
F 18	6 2	6 43	0s47	4 2	2 23	1 41	1 10	23 8	0 52	13 11	1 44	18 2	2 16	15 58	0 11	22 45	0 18	21 44	0 28	4 5		3 58		8 7			n.a.
S 19	6 26	10 50	2 5	3 41	2 23	2 12	1 9	23 11	0 54	13 12	1 44	18 2	2 16	15 59	0 11	22 45	0 18	21 44	0 28	4 5		3 57		8 6			n.a.
S 20	6 50	14 13	3 13	3 17	2 23	2 44	1 7	23 13	0 56	13 13	1 43	18 2	2 16	16 0	0 11	22 45	0 18	21 44	0 28	4 5		3 56		8 4			n.a.
M21	7 14	16 41	4 7	2 50	2 22	3 16	1 6	23 16	0 59	13 14	1 43	18 2	2 16	16 1	0 11	22 45	0 18	21 44	0 28	4 4		3 55		8 2			n.a.
T 22	7 37	18 10	4 46	2 21	2 20	3 47	1 4	23 18	1 1	13 15	1 43	18 2	2 16	16 2	0 11	22 45	0 18	21 44	0 28	4 4		3 53		8 0			n.a.
W23	8 1	18 38	5 10	1 49	2 17	4 18	1 2	23 21	1 3	13 16	1 43	18 3	2 15	16 3	0 11	22 45	0 18	21 44	0 28	4 4		3 52		7 59			n.a.
T 24	8 24	18 9	5 17	1 16	2 13	4 50	1 1	23 23	1 6	13 16	1 42	18 3	2 15	16 4	0 11	22 45	0 18	21 43	0 27	4 3		3 51		7 57			n.a.
F 25	8 47	16 50	5 10	0 42	2 10	5 21	0 59	23 25	1 8	13 17	1 42	18 3	2 15	16 5	0 11	22 45	0 18	21 43	0 27	4 3		3 50		7 55			n.a.
S 26	9 10	14 47	4 49	0 5	2 5	5 52	0 57	23 27	1 11	13 17	1 42	18 3	2 15	16 6	0 11	22 45	0 18	21 43	0 27	4 3		3 48		7 53			n.a.
S 27	9 33	12 8	4 16	0s32	2 0	6 23	0 55	23 29	1 13	13 18	1 41	18 3	2 15	16 7	0 11	22 45	0 18	21 43	0 27	4 4		3 47		7 52			n.a.
M28	9 56	9 0	3 33	1 10	1 55	6 54	0 53	23 31	1 16	13 18	1 41	18 3	2 15	16 8	0 11	22 45	0 18	21 43	0 27	4 4		3 46		7 50			n.a.
T 29	10 18	5 31	2 40	1 49	1 50	7 25	0 51	23 33	1 18	13 18	1 41	18 3	2 14	16 9	0 11	22 45	0 18	21 43	0 27	4 5		3 45		7 48			n.a.
W30	10 41	1 46	1 40	2 28	1 44	7 55	0 49	23 34	1 21	13 18	1 40	18 2	2 14	16 11	0 11	22 45	0 18	21 43	0 27	4 5		3 43		7 46			n.a.
T 31	11s 3	2s 5	0s35	3s 8	1n38	8s26	0n47	23n36	1n24	13s19	1s40	18s 2	2s14	16s12	0n11	22n45	0n18	21n43	0s27	4s 6		3s42		7n45			n.a.

Julian Day Number = 1342201.5, Delta T = 07h14m45s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'31, Lahiri = -18°17'31 Julian Calendar 1 Oct. 1039 BCE == Greg. Calendar 21 Sept. 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

NOVEMBER 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 0 23	29♎20'45	16♎ 0	13♎ 0	24♎29	9°R20	29°R42	17♒14	14♏18	18°R58	9°R 5	10°R11	9♎ 9	3♍ 3	n.a.	F 1
S 2	2 4 19	0♏21'55	28°23	14°28	25°44	9♊11	29♒41	17°14	14°22	18♋58	9♊ 4	10♎10	9° 5	3°10	n.a.	S 2
S 3	2 8 16	1°23'06	11♏ 0	15°57	27° 0	9° 2	29°41	17°15	14°25	18°58	9° 3	10° 8	9° 2	3°17	n.a.	S 3
M 4	2 12 12	2°24'17	23°50	17°27	28°16	8°51	29°41	17°15	14°29	18°58	9° 2	10° 5	8°59	3°23	n.a.	M 4
T 5	2 16 9	3°25'30	6♐54	18°57	29°31	8°40	29°D41	17°15	14°33	18°58	9° 1	10° 1	8°56	3°30	n.a.	T 5
W 6	2 20 6	4°26'43	20°11	20°27	0♏47	8°28	29°41	17°16	14°36	18°58	9° 0	9°57	8°53	3°37	n.a.	W 6
T 7	2 24 2	5°27'56	3♑41	21°58	2° 2	8°15	29°41	17°17	14°40	18°58	8°59	9°54	8°49	3°43	n.a.	T 7
F 8	2 27 59	6°29'10	17°23	23°29	3°18	8° 1	29°42	17°18	14°43	18°57	8°58	9°51	8°46	3°50	n.a.	F 8
S 9	2 31 55	7°30'24	1♒16	25° 0	4°34	7°47	29°43	17°19	14°47	18°57	8°57	9°D50	8°43	3°57	n.a.	S 9
S 10	2 35 52	8°31'38	15°19	26°32	5°49	7°32	29°44	17°20	14°51	18°57	8°55	9°50	8°40	4° 3	n.a.	S 10
M11	2 39 48	9°32'53	29°31	28° 4	7° 5	7°16	29°45	17°21	14°54	18°56	8°54	9°51	8°37	4°10	n.a.	M11
T 12	2 43 45	10°34'07	13♓51	29°36	8°20	6°59	29°46	17°22	14°58	18°56	8°53	9°53	8°34	4°17	n.a.	T 12
W13	2 47 41	11°35'22	28°15	1♏ 8	9°36	6°42	29°48	17°24	15° 2	18°56	8°52	9°54	8°30	4°23	n.a.	W13
T 14	2 51 38	12°36'36	12♈41	2°40	10°52	6°24	29°50	17°25	15° 5	18°55	8°51	9°R54	8°27	4°30	n.a.	T 14
F 15	2 55 35	13°37'51	27° 3	4°13	12° 7	6° 5	29°52	17°27	15° 9	18°55	8°50	9°53	8°24	4°37	n.a.	F 15
S 16	2 59 31	14°39'07	11♉16	5°46	13°23	5°46	29°54	17°29	15°12	18°54	8°49	9°50	8°21	4°43	n.a.	S 16
S 17	3 3 28	15°40'22	25°15	7°19	14°38	5°26	29°57	17°30	15°16	18°54	8°48	9°46	8°18	4°50	n.a.	S 17
M18	3 7 24	16°41'38	8♊56	8°52	15°54	5° 5	29°59	17°32	15°20	18°53	8°46	9°40	8°14	4°57	n.a.	M18
T 19	3 11 21	17°42'54	22°17	10°25	17° 9	4°44	0♓ 2	17°34	15°23	18°53	8°45	9°33	8°11	5° 3	n.a.	T 19
W20	3 15 17	18°44'11	5♋16	11°59	18°25	4°23	0° 5	17°37	15°27	18°52	8°44	9°26	8° 8	5°10	n.a.	W20
T 21	3 19 14	19°45'27	17°54	13°33	19°40	4° 1	0° 8	17°39	15°31	18°51	8°43	9°21	8° 5	5°17	n.a.	T 21
F 22	3 23 11	20°46'44	0♌13	15° 7	20°56	3°38	0°12	17°41	15°34	18°51	8°42	9°16	8° 2	5°23	n.a.	F 22
S 23	3 27 7	21°48'01	12°17	16°42	22°11	3°16	0°15	17°44	15°38	18°50	8°40	9°14	7°59	5°30	n.a.	S 23
S 24	3 31 4	22°49'19	24°11	18°17	23°27	2°52	0°19	17°46	15°42	18°49	8°39	9°D13	7°55	5°37	n.a.	S 24
M25	3 35 0	23°50'37	6♍ 0	19°52	24°42	2°29	0°23	17°49	15°45	18°48	8°38	9°14	7°52	5°43	n.a.	M25
T 26	3 38 57	24°51'54	17°50	21°27	25°58	2° 5	0°28	17°52	15°49	18°48	8°37	9°16	7°49	5°50	n.a.	T 26
W27	3 42 53	25°53'12	29°45	23° 3	27°13	1°42	0°32	17°55	15°52	18°47	8°35	9°17	7°46	5°57	n.a.	W27
T 28	3 46 50	26°54'30	11♎50	24°39	28°29	1°18	0°37	17°58	15°56	18°46	8°34	9°R18	7°43	6° 3	n.a.	T 28
F 29	3 50 46	27°55'48	24° 8	26°16	29°44	0°54	0°41	18° 1	16° 0	18°45	8°33	9°16	7°40	6°10	n.a.	F 29
S 30	3 54 43	28♏57'06	6♏44	27♏52	1♐ 0	0♊29	0♓46	18♒ 4	16♏ 3	18♋44	8♊32	9♎13	7♎36	6♍17	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	11s25	5s54	0n32	3s48	1n32	8s56	0n45	23n37	1n26	13s19	1s40	18s 2	2s14	16s13	0n11	22n45	0n18	21n43	0s27	4s 6	3s41	7n43			n.a.
S 2	11 47	9 32	1 39	4 29	1 25	9 26	0 43	23 38	1 29	13 19	1 40	18 2	2 14	16 14	0 11	22 45	0 18	21 43	0 27	4 5	3 39	7 41			n.a.
S 3	12 8	12 48	2 42	5 10	1 19	9 55	0 41	23 40	1 32	13 18	1 39	18 2	2 13	16 15	0 11	22 45	0 18	21 43	0 27	4 4	3 38	7 39			n.a.
M 4	12 30	15 31	3 38	5 51	1 12	10 25	0 39	23 41	1 34	13 18	1 39	18 1	2 13	16 16	0 11	22 45	0 18	21 43	0 27	4 3	3 37	7 38			n.a.
T 5	12 51	17 28	4 24	6 32	1 5	10 54	0 37	23 41	1 37	13 18	1 39	18 1	2 13	16 17	0 11	22 45	0 18	21 42	0 27	4 2	3 36	7 36			n.a.
W 6	13 12	18 32	4 56	7 13	0 59	11 23	0 35	23 42	1 40	13 18	1 38	18 0	2 13	16 18	0 11	22 45	0 19	21 42	0 27	4 0	3 34	7 34			n.a.
T 7	13 33	18 34	5 12	7 53	0 52	11 52	0 33	23 43	1 42	13 17	1 38	18 0	2 13	16 19	0 11	22 45	0 19	21 42	0 27	3 59	3 33	7 32			n.a.
F 8	13 54	17 31	5 11	8 34	0 45	12 20	0 30	23 43	1 45	13 17	1 38	18 0	2 12	16 20	0 11	22 45	0 19	21 42	0 27	3 58	3 32	7 31			n.a.
S 9	14 14	15 26	4 53	9 14	0 38	12 48	0 28	23 43	1 48	13 16	1 37	17 59	2 12	16 21	0 11	22 46	0 19	21 42	0 27	3 57	3 31	7 29			n.a.
S 10	14 34	12 25	4 16	9 55	0 31	13 16	0 26	23 43	1 50	13 15	1 37	17 59	2 12	16 23	0 11	22 46	0 19	21 42	0 26	3 57	3 29	7 27			n.a.
M11	14 54	8 39	3 24	10 35	0 24	13 43	0 24	23 43	1 53	13 15	1 37	17 58	2 12	16 24	0 11	22 46	0 19	21 42	0 26	3 58	3 28	7 25			n.a.
T 12	15 14	4 20	2 18	11 14	0 17	14 10	0 21	23 43	1 56	13 14	1 36	17 57	2 12	16 25	0 11	22 46	0 19	21 42	0 26	3 58	3 27	7 24			n.a.
W13	15 33	0n16	1 3	11 53	0 10	14 37	0 19	23 43	1 58	13 13	1 36	17 57	2 12	16 26	0 11	22 46	0 19	21 42	0 26	3 59	3 25	7 22			n.a.
T 14	15 52	4 51	0s15	12 32	0 3	15 3	0 17	23 42	2 1	13 12	1 36	17 56	2 11	16 27	0 11	22 46	0 19	21 41	0 26	3 59	3 24	7 20			n.a.
F 15	16 11	9 9	1 32	13 11	0s 3	15 29	0 14	23 41	2 3	13 11	1 35	17 56	2 11	16 28	0 11	22 46	0 19	21 41	0 26	3 59	3 23	7 18			n.a.
S 16	16 29	12 52	2 43	13 48	0 10	15 55	0 12	23 40	2 6	13 10	1 35	17 55	2 11	16 29	0 11	22 46	0 19	21 41	0 26	3 57	3 22	7 17			n.a.
S 17	16 47	15 47	3 42	14 26	0 17	16 20	0 10	23 39	2 9	13 9	1 35	17 54	2 11	16 30	0 11	22 46	0 19	21 41	0 26	3 56	3 20	7 15			n.a.
M18	17 5	17 44	4 27	15 2	0 23	16 44	0 7	23 38	2 11	13 7	1 34	17 53	2 11	16 31	0 11	22 46	0 19	21 41	0 26	3 53	3 19	7 13			n.a.
T 19	17 23	18 39	4 57	15 39	0 29	17 9	0 5	23 36	2 14	13 6	1 34	17 52	2 10	16 32	0 11	22 46	0 19	21 41	0 26	3 50	3 18	7 11			n.a.
W20	17 40	18 33	5 10	16 14	0 36	17 32	0 3	23 35	2 16	13 5	1 34	17 52	2 10	16 33	0 11	22 47	0 19	21 41	0 26	3 48	3 17	7 9			n.a.
T 21	17 57	17 32	5 7	16 49	0 42	17 56	0 0	23 33	2 18	13 3	1 33	17 51	2 10	16 34	0 11	22 47	0 19	21 41	0 26	3 46	3 15	7 8			n.a.
F 22	18 14	15 42	4 50	17 23	0 48	18 18	0s 2	23 31	2 21	13 2	1 33	17 50	2 10	16 36	0 11	22 47	0 19	21 40	0 26	3 44	3 14	7 6			n.a.
S 23	18 30	13 13	4 21	17 57	0 54	18 41	0 5	23 29	2 23	13 0	1 33	17 49	2 10	16 37	0 11	22 47	0 19	21 40	0 26	3 43	3 13	7 4			n.a.
S 24	18 46	10 13	3 40	18 30	1 0	19 2	0 7	23 26	2 25	12 58	1 33	17 48	2 10	16 38	0 11	22 47	0 19	21 40	0 26	3 43	3 11	7 2			n.a.
M25	19 2	6 49	2 51	19 2	1 5	19 24	0 9	23 24	2 28	12 57	1 32	17 47	2 9	16 39	0 10	22 47	0 19	21 40	0 26	3 43	3 10	7 1			n.a.
T 26	19 17	3 9	1 54	19 33	1 11	19 44	0 12	23 21	2 30	12 55	1 32	17 46	2 9	16 40	0 10	22 47	0 19	21 40	0 26	3 44	3 9	6 59			n.a.
W27	19 32	0s41	0 52	20 3	1 16	20 4	0 14	23 18	2 32	12 53	1 32	17 45	2 9	16 41	0 10	22 47	0 19	21 40	0 25	3 44	3 8	6 57			n.a.
T 28	19 46	4 32	0n14	20 32	1 21	20 24	0 16	23 15	2 34	12 51	1 31	17 44	2 9	16 42	0 10	22 48	0 19	21 40	0 25	3 44	3 6	6 55			n.a.
F 29	20 1	8 17	1 19	21 0	1 26	20 43	0 19	23 12	2 36	12 49	1 31	17 43	2 9	16 43	0 10	22 48	0 19	21 40	0 25	3 44	3 5	6 54			n.a.
S 30	20s14	11s44	2n23	21s28	1s30	21s 1	0s21	23n 8	2n38	12s47	1s31	17s41	2s 8	16s44	0n10	22n48	0n19	21n39	0s25	3s42	3s 4	6n52			n.a.

Julian Day Number = 1342232.5, Delta T = 07h14m44s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'27, Lahiri = -18°17'26 Julian Calendar 1 Nov. 1039 BCE == Greg. Calendar 22 Oct. 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1039 BCE
geocentric

DECEMBER 1039 BCE (-1038) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 58 40	29♏58'23	19♏39	29♏30	2♐15	0°R 5	0♓51	18♒ 7	16♏ 7	18°R43	8°R30	9°R 7	7♎33	6♍23	n.a.	S 1
M 2	4 2 36	0♐59'41	2♐52	1♐ 7	3°31	29♉41	0°57	18°10	16°10	18♋42	8♊29	8♎59	7°30	6°30	n.a.	M 2
T 3	4 6 33	2° 0'58	16°22	2°45	4°46	29°17	1° 2	18°14	16°14	18°41	8°28	8°49	7°27	6°37	n.a.	T 3
W 4	4 10 29	3° 2'14	0♑ 6	4°24	6° 1	28°53	1° 8	18°18	16°17	18°40	8°27	8°40	7°24	6°43	n.a.	W 4
T 5	4 14 26	4° 3'30	14° 2	6° 3	7°17	28°30	1°14	18°21	16°21	18°39	8°25	8°31	7°20	6°50	n.a.	T 5
F 6	4 18 22	5° 4'45	28° 4	7°42	8°32	28° 6	1°20	18°25	16°24	18°38	8°24	8°23	7°17	6°57	n.a.	F 6
S 7	4 22 19	6° 5'59	12♒10	9°22	9°48	27°43	1°26	18°29	16°28	18°37	8°23	8°18	7°14	7° 3	n.a.	S 7
S 8	4 26 16	7° 7'13	26°18	11° 2	11° 3	27°21	1°32	18°33	16°31	18°36	8°21	8°16	7°11	7°10	n.a.	S 8
M 9	4 30 12	8° 8'25	10♓24	12°43	12°18	26°58	1°39	18°37	16°35	18°34	8°20	8°D15	7° 8	7°17	n.a.	M 9
T 10	4 34 9	9° 9'37	24°29	14°24	13°34	26°36	1°46	18°41	16°38	18°33	8°19	8°16	7° 5	7°23	n.a.	T 10
W11	4 38 5	10°10'47	8♈31	16° 6	14°49	26°15	1°53	18°45	16°42	18°32	8°18	8°R16	7° 1	7°30	n.a.	W11
T 12	4 42 2	11°11'56	22°29	17°48	16° 4	25°54	2° 0	18°49	16°45	18°31	8°16	8°15	6°58	7°37	n.a.	T 12
F 13	4 45 58	12°13'05	6♉23	19°30	17°20	25°33	2° 7	18°54	16°49	18°29	8°15	8°12	6°55	7°43	n.a.	F 13
S 14	4 49 55	13°14'12	20° 9	21°13	18°35	25°14	2°14	18°58	16°52	18°28	8°14	8° 6	6°52	7°50	n.a.	S 14
S 15	4 53 51	14°15'19	3♊45	22°55	19°50	24°54	2°22	19° 3	16°55	18°27	8°12	7°57	6°49	7°57	n.a.	S 15
M16	4 57 48	15°16'24	17° 8	24°38	21° 5	24°36	2°29	19° 8	16°59	18°26	8°11	7°46	6°46	8° 3	n.a.	M16
T 17	5 1 45	16°17'29	0♋16	26°21	22°21	24°18	2°37	19°12	17° 2	18°24	8°10	7°34	6°42	8°10	n.a.	T 17
W18	5 5 41	17°18'33	13° 7	28° 4	23°36	24° 0	2°45	19°17	17° 5	18°23	8° 9	7°22	6°39	8°17	n.a.	W18
T 19	5 9 38	18°19'35	25°41	29°47	24°51	23°44	2°53	19°22	17° 8	18°21	8° 7	7°10	6°36	8°23	n.a.	T 19
F 20	5 13 34	19°20'37	7♌59	1♑30	26° 6	23°28	3° 1	19°27	17°12	18°20	8° 6	7° 1	6°33	8°30	n.a.	F 20
S 21	5 17 31	20°21'38	20° 3	3°12	27°21	23°12	3°10	19°32	17°15	18°19	8° 5	6°54	6°30	8°37	n.a.	S 21
S 22	5 21 27	21°22'39	1♍57	4°53	28°37	22°58	3°18	19°37	17°18	18°17	8° 4	6°50	6°26	8°43	n.a.	S 22
M23	5 25 24	22°23'38	13°46	6°34	29°52	22°44	3°27	19°42	17°21	18°16	8° 2	6°48	6°23	8°50	n.a.	M23
T 24	5 29 20	23°24'36	25°35	8°13	1♑ 7	22°31	3°36	19°48	17°24	18°14	8° 1	6°D48	6°20	8°57	n.a.	T 24
W25	5 33 17	24°25'33	7♎29	9°50	2°22	22°19	3°45	19°53	17°27	18°13	8° 0	6°R48	6°17	9° 3	n.a.	W25
T 26	5 37 14	25°26'30	19°34	11°25	3°37	22° 7	3°54	19°58	17°31	18°11	7°59	6°47	6°14	9°10	n.a.	T 26
F 27	5 41 10	26°27'25	1♏55	12°58	4°52	21°57	4° 3	20° 4	17°34	18°10	7°57	6°45	6°11	9°17	n.a.	F 27
S 28	5 45 7	27°28'19	14°37	14°27	6° 7	21°47	4°12	20° 9	17°37	18° 8	7°56	6°40	6° 7	9°23	n.a.	S 28
S 29	5 49 3	28°29'13	27°42	15°53	7°22	21°38	4°22	20°15	17°40	18° 7	7°55	6°32	6° 4	9°30	n.a.	S 29
M30	5 53 0	29°30'05	11♐10	17°15	8°38	21°30	4°32	20°21	17°43	18° 5	7°54	6°22	6° 1	9°37	n.a.	M30
T 31	5 56 56	0♑30'55	25♐ 2	18♑31	9♑53	21♉22	4♓41	20♒27	17♏46	18♋ 4	7♊53	6♎10	5♎58	9♍43	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s28	14s43	3n20	21s54	1s35	21s19	0s23	23n 5	2n40	12s45	1s30	17s40	2s 8	16s45	0n10	22n48	0n19	21n39	0s25	3s40	3s 3	6n50			n.a.
M 2	20 41	17 1	4 8	22 19	1 39	21 36	0 25	23 1	2 41	12 43	1 30	17 39	2 8	16 46	0 10	22 48	0 19	21 39	0 25	3 37	3 1	6 48			n.a.
T 3	20 53	18 25	4 43	22 43	1 42	21 53	0 28	22 58	2 43	12 40	1 30	17 38	2 8	16 47	0 10	22 48	0 19	21 39	0 25	3 33	3 0	6 46			n.a.
W 4	21 6	18 47	5 2	23 5	1 46	22 9	0 30	22 54	2 45	12 38	1 29	17 36	2 8	16 48	0 10	22 49	0 19	21 39	0 25	3 29	2 59	6 45			n.a.
T 5	21 17	18 1	5 4	23 27	1 49	22 24	0 32	22 50	2 46	12 36	1 29	17 35	2 8	16 49	0 10	22 49	0 19	21 39	0 25	3 26	2 57	6 43			n.a.
F 6	21 29	16 10	4 48	23 47	1 52	22 38	0 34	22 46	2 48	12 33	1 29	17 34	2 7	16 50	0 10	22 49	0 19	21 39	0 25	3 23	2 56	6 41			n.a.
S 7	21 40	13 21	4 14	24 6	1 55	22 52	0 37	22 42	2 49	12 31	1 29	17 32	2 7	16 51	0 10	22 49	0 19	21 38	0 25	3 21	2 55	6 39			n.a.
S 8	21 50	9 44	3 25	24 23	1 57	23 5	0 39	22 38	2 50	12 28	1 28	17 31	2 7	16 52	0 10	22 49	0 19	21 38	0 25	3 20	2 54	6 37			n.a.
M 9	22 1	5 35	2 23	24 39	1 59	23 18	0 41	22 34	2 51	12 25	1 28	17 29	2 7	16 53	0 10	22 49	0 19	21 38	0 25	3 19	2 52	6 36			n.a.
T 10	22 10	1 7	1 13	24 53	2 1	23 30	0 43	22 30	2 53	12 23	1 28	17 28	2 7	16 54	0 10	22 50	0 19	21 38	0 25	3 20	2 51	6 34			n.a.
W11	22 20	3n24	0s 1	25 6	2 2	23 41	0 45	22 26	2 54	12 20	1 27	17 27	2 7	16 55	0 10	22 50	0 19	21 38	0 25	3 20	2 50	6 32			n.a.
T 12	22 28	7 43	1 15	25 17	2 3	23 51	0 47	22 21	2 55	12 17	1 27	17 25	2 6	16 56	0 10	22 50	0 19	21 38	0 25	3 19	2 49	6 30			n.a.
F 13	22 37	11 36	2 24	25 26	2 3	24 1	0 49	22 17	2 56	12 14	1 27	17 23	2 6	16 57	0 10	22 50	0 19	21 38	0 24	3 18	2 47	6 29			n.a.
S 14	22 45	14 47	3 24	25 33	2 3	24 10	0 51	22 13	2 56	12 11	1 27	17 22	2 6	16 58	0 10	22 50	0 19	21 37	0 24	3 16	2 46	6 27			n.a.
S 15	22 52	17 8	4 11	25 39	2 2	24 18	0 53	22 9	2 57	12 8	1 26	17 20	2 6	16 59	0 10	22 51	0 19	21 37	0 24	3 12	2 45	6 25			n.a.
M16	22 59	18 29	4 43	25 43	2 1	24 25	0 55	22 5	2 58	12 5	1 26	17 19	2 6	17 0	0 10	22 51	0 19	21 37	0 24	3 8	2 43	6 23			n.a.
T 17	23 6	18 49	5 0	25 45	1 59	24 32	0 57	22 1	2 58	12 2	1 26	17 17	2 6	17 1	0 10	22 51	0 19	21 37	0 24	3 3	2 42	6 21			n.a.
W18	23 12	18 10	5 1	25 44	1 56	24 38	0 58	21 57	2 59	11 59	1 26	17 15	2 6	17 2	0 10	22 51	0 19	21 37	0 24	2 58	2 41	6 20			n.a.
T 19	23 18	16 39	4 47	25 42	1 53	24 43	1 0	21 53	3 0	11 56	1 25	17 14	2 5	17 3	0 10	22 51	0 19	21 37	0 24	2 53	2 40	6 18			n.a.
F 20	23 23	14 23	4 20	25 38	1 49	24 47	1 2	21 50	3 0	11 52	1 25	17 12	2 5	17 4	0 10	22 52	0 19	21 37	0 24	2 50	2 38	6 16			n.a.
S 21	23 28	11 32	3 41	25 32	1 45	24 51	1 4	21 46	3 0	11 49	1 25	17 10	2 5	17 5	0 10	22 52	0 19	21 36	0 24	2 47	2 37	6 14			n.a.
S 22	23 32	8 15	2 54	25 23	1 40	24 54	1 5	21 43	3 1	11 46	1 24	17 8	2 5	17 6	0 10	22 52	0 19	21 36	0 24	2 45	2 36	6 12			n.a.
M23	23 36	4 39	1 59	25 13	1 34	24 56	1 7	21 39	3 1	11 42	1 24	17 7	2 5	17 7	0 10	22 52	0 20	21 36	0 24	2 45	2 35	6 11			n.a.
T 24	23 39	0 53	0 59	25 0	1 27	24 57	1 8	21 36	3 1	11 39	1 24	17 5	2 5	17 8	0 10	22 52	0 20	21 36	0 24	2 44	2 33	6 9			n.a.
W25	23 42	2s57	0n 4	24 46	1 20	24 58	1 10	21 33	3 1	11 35	1 24	17 3	2 5	17 9	0 10	22 53	0 20	21 36	0 24	2 44	2 32	6 7			n.a.
T 26	23 44	6 44	1 7	24 30	1 11	24 57	1 11	21 30	3 1	11 32	1 23	17 1	2 4	17 9	0 10	22 53	0 20	21 36	0 24	2 44	2 31	6 5			n.a.
F 27	23 46	10 19	2 9	24 12	1 2	24 56	1 13	21 27	3 1	11 28	1 23	16 59	2 4	17 10	0 10	22 53	0 20	21 36	0 24	2 43	2 29	6 3			n.a.
S 28	23 47	13 31	3 6	23 52	0 51	24 54	1 14	21 24	3 1	11 24	1 23	16 57	2 4	17 11	0 10	22 53	0 20	21 35	0 23	2 41	2 28	6 2			n.a.
S 29	23 48	16 9	3 55	23 31	0 40	24 52	1 15	21 22	3 1	11 21	1 23	16 55	2 4	17 12	0 10	22 54	0 20	21 35	0 23	2 38	2 27	6 0			n.a.
M30	23 49	17 59	4 32	23 9	0 28	24 48	1 17	21 20	3 1	11 17	1 23	16 53	2 4	17 13	0 10	22 54	0 20	21 35	0 23	2 34	2 26	5 58			n.a.
T 31	23s49	18s49	4n55	22s46	0s15	24s44	1s18	21n17	3n 1	11s13	1s22	16s51	2s 4	17s14	0n10	22n54	0n20	21n35	0s23	2s29	2s24	5n56			n.a.

Julian Day Number = 1342262.5, Delta T = 07h14m42s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'23, Lahiri = -18°17'22 Julian Calendar 1 Dec. 1039 BCE == Greg. Calendar 21 Nov. 1039 BCE

The year -1038 astronomical counting style corresponds to year 1039 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

JANUARY 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 0 53	1♉31'45	9♉13	19♉42	11♉ 8	21°R16	4♓51	20♒32	17♏48	18°R 2	7°R51	5°R57	5♎55	9♍50	n.a.	W 1
T 2	6 4 50	2°32'33	23°37	20°46	12°23	21♉10	5° 1	20°38	17°51	18♋ 0	7♊50	5♎45	5°52	9°57	n.a.	T 2
F 3	6 8 46	3°33'19	8♒ 7	21°43	13°38	21° 5	5°11	20°44	17°54	17°59	7°49	5°35	5°48	10° 3	n.a.	F 3
S 4	6 12 43	4°34'03	22°38	22°32	14°53	21° 1	5°21	20°50	17°57	17°57	7°48	5°28	5°45	10°10	n.a.	S 4
S 5	6 16 39	5°34'46	7♓ 3	23°13	16° 8	20°57	5°32	20°56	18° 0	17°56	7°47	5°24	5°42	10°17	n.a.	S 5
M 6	6 20 36	6°35'26	21°19	23°44	17°23	20°55	5°42	21° 2	18° 2	17°54	7°46	5°22	5°39	10°23	n.a.	M 6
T 7	6 24 32	7°36'05	5♈24	24° 5	18°37	20°53	5°53	21° 9	18° 5	17°52	7°45	5°22	5°36	10°30	n.a.	T 7
W 8	6 28 29	8°36'42	19°18	24°15	19°52	20°52	6° 3	21°15	18° 8	17°51	7°44	5°21	5°32	10°37	n.a.	W 8
T 9	6 32 25	9°37'17	3♉ 0	24°R16	21° 7	20°D51	6°14	21°21	18°10	17°49	7°42	5°20	5°29	10°43	n.a.	T 9
F 10	6 36 22	10°37'50	16°32	24° 5	22°22	20°52	6°25	21°28	18°13	17°47	7°41	5°16	5°26	10°50	n.a.	F 10
S 11	6 40 19	11°38'21	29°54	23°45	23°37	20°53	6°36	21°34	18°15	17°46	7°40	5°10	5°23	10°57	n.a.	S 11
S 12	6 44 15	12°38'50	13♊ 5	23°15	24°52	20°55	6°47	21°41	18°18	17°44	7°39	5° 0	5°20	11° 3	n.a.	S 12
M13	6 48 12	13°39'17	26° 5	22°35	26° 7	20°58	6°58	21°47	18°20	17°42	7°38	4°48	5°17	11°10	n.a.	M13
T 14	6 52 8	14°39'42	8♋54	21°48	27°21	21° 1	7° 9	21°54	18°23	17°41	7°37	4°34	5°13	11°17	n.a.	T 14
W15	6 56 5	15°40'06	21°29	20°54	28°36	21° 5	7°21	22° 0	18°25	17°39	7°36	4°21	5°10	11°23	n.a.	W15
T 16	7 0 1	16°40'28	3♌52	19°54	29°51	21°10	7°32	22° 7	18°28	17°37	7°35	4° 8	5° 7	11°30	n.a.	T 16
F 17	7 3 58	17°40'48	16° 3	18°51	1♒ 6	21°15	7°44	22°14	18°30	17°36	7°34	3°57	5° 4	11°37	n.a.	F 17
S 18	7 7 54	18°41'06	28° 3	17°46	2°20	21°21	7°55	22°21	18°32	17°34	7°33	3°49	5° 1	11°43	n.a.	S 18
S 19	7 11 51	19°41'22	9♍55	16°40	3°35	21°28	8° 7	22°27	18°34	17°32	7°33	3°44	4°58	11°50	n.a.	S 19
M20	7 15 48	20°41'37	21°43	15°36	4°50	21°35	8°19	22°34	18°36	17°31	7°32	3°41	4°54	11°56	n.a.	M20
T 21	7 19 44	21°41'50	3♎31	14°34	6° 4	21°43	8°31	22°41	18°39	17°29	7°31	3°D41	4°51	12° 3	n.a.	T 21
W22	7 23 41	22°42'01	15°24	13°36	7°19	21°52	8°43	22°48	18°41	17°27	7°30	3°41	4°48	12°10	n.a.	W22
T 23	7 27 37	23°42'10	27°27	12°43	8°33	22° 1	8°55	22°55	18°43	17°26	7°29	3°R41	4°45	12°16	n.a.	T 23
F 24	7 31 34	24°42'18	9♏46	11°56	9°48	22°11	9° 7	23° 2	18°45	17°24	7°28	3°40	4°42	12°23	n.a.	F 24
S 25	7 35 30	25°42'25	22°27	11°15	11° 2	22°21	9°19	23° 9	18°47	17°22	7°27	3°37	4°38	12°30	n.a.	S 25
S 26	7 39 27	26°42'29	5♐33	10°41	12°17	22°32	9°31	23°16	18°49	17°21	7°27	3°31	4°35	12°36	n.a.	S 26
M27	7 43 23	27°42'32	19° 6	10°13	13°31	22°43	9°44	23°23	18°50	17°19	7°26	3°23	4°32	12°43	n.a.	M27
T 28	7 47 20	28°42'33	3♑ 7	9°53	14°46	22°55	9°56	23°31	18°52	17°17	7°25	3°14	4°29	12°50	n.a.	T 28
W29	7 51 16	29°42'32	17°32	9°39	16° 0	23° 8	10° 9	23°38	18°54	17°16	7°24	3° 3	4°26	12°56	n.a.	W29
T 30	7 55 13	0♒42'29	2♒16	9°32	17°15	23°21	10°21	23°45	18°56	17°14	7°24	2°53	4°23	13° 3	n.a.	T 30
F 31	7 59 10	1♒42'24	17♒10	9°D31	18♒29	23♉34	10♓34	23♒52	18♏57	17♋12	7♊23	2♎45	4♎19	13♍10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s48	18s30	5n 0	22s22	0s 1	24s39	1s19	21n15	3n 1	11s 9	1s22	16s49	2s 4	17s15	0n10	22n54	0n20	21n35	0s23	2s24	2s23	5n54		n.a.
T 2	23 47	17 1	4 46	21 58	0n13	24 33	1 20	21 14	3 0	11 5	1 22	16 47	2 4	17 15	0 10	22 55	0 20	21 35	0 23	2 19	2 22	5 53		n.a.
F 3	23 46	14 26	4 14	21 34	0 29	24 27	1 21	21 12	3 0	11 1	1 22	16 45	2 4	17 16	0 10	22 55	0 20	21 35	0 23	2 15	2 20	5 51		n.a.
S 4	23 44	10 57	3 25	21 10	0 45	24 20	1 22	21 10	3 0	10 57	1 21	16 43	2 3	17 17	0 10	22 55	0 20	21 35	0 23	2 12	2 19	5 49		n.a.
S 5	23 42	6 50	2 24	20 47	1 1	24 12	1 23	21 9	2 59	10 53	1 21	16 41	2 3	17 18	0 10	22 55	0 20	21 35	0 23	2 11	2 18	5 47		n.a.
M 6	23 39	2 22	1 14	20 25	1 18	24 3	1 24	21 8	2 59	10 49	1 21	16 39	2 3	17 19	0 10	22 55	0 20	21 34	0 23	2 10	2 17	5 45		n.a.
T 7	23 36	2n10	0s 0	20 4	1 36	23 54	1 24	21 7	2 58	10 45	1 21	16 37	2 3	17 19	0 10	22 56	0 20	21 34	0 23	2 10	2 15	5 44		n.a.
W 8	23 32	6 33	1 13	19 45	1 53	23 43	1 25	21 6	2 58	10 41	1 20	16 35	2 3	17 20	0 10	22 56	0 20	21 34	0 23	2 10	2 14	5 42		n.a.
T 9	23 28	10 30	2 21	19 28	2 10	23 32	1 26	21 6	2 57	10 36	1 20	16 33	2 3	17 21	0 10	22 56	0 20	21 34	0 23	2 9	2 13	5 40		n.a.
F 10	23 23	13 52	3 19	19 14	2 27	23 21	1 26	21 6	2 57	10 32	1 20	16 30	2 3	17 22	0 10	22 56	0 20	21 34	0 23	2 8	2 12	5 38		n.a.
S 11	23 18	16 26	4 6	19 2	2 42	23 8	1 27	21 5	2 56	10 28	1 20	16 28	2 3	17 22	0 10	22 57	0 20	21 34	0 22	2 5	2 10	5 36		n.a.
S 12	23 12	18 7	4 39	18 52	2 57	22 55	1 27	21 5	2 56	10 23	1 20	16 26	2 3	17 23	0 10	22 57	0 20	21 34	0 22	2 1	2 9	5 35		n.a.
M13	23 6	18 49	4 57	18 45	3 11	22 42	1 28	21 6	2 55	10 19	1 19	16 24	2 3	17 24	0 10	22 57	0 20	21 34	0 22	1 56	2 8	5 33		n.a.
T 14	23 0	18 32	5 0	18 41	3 23	22 27	1 28	21 6	2 55	10 15	1 19	16 21	2 2	17 24	0 10	22 57	0 20	21 34	0 22	1 51	2 6	5 31		n.a.
W15	22 53	17 20	4 47	18 39	3 33	22 12	1 28	21 6	2 54	10 10	1 19	16 19	2 2	17 25	0 10	22 58	0 20	21 33	0 22	1 45	2 5	5 29		n.a.
T 16	22 45	15 21	4 22	18 40	3 41	21 57	1 29	21 7	2 53	10 6	1 19	16 17	2 2	17 26	0 10	22 58	0 20	21 33	0 22	1 40	2 4	5 27		n.a.
F 17	22 38	12 43	3 44	18 43	3 47	21 40	1 29	21 8	2 53	10 1	1 19	16 15	2 2	17 26	0 10	22 58	0 20	21 33	0 22	1 36	2 3	5 26		n.a.
S 18	22 29	9 34	2 57	18 48	3 51	21 23	1 29	21 9	2 52	9 56	1 19	16 12	2 2	17 27	0 10	22 58	0 20	21 33	0 22	1 32	2 1	5 24		n.a.
S 19	22 21	6 5	2 3	18 54	3 53	21 6	1 29	21 10	2 52	9 52	1 18	16 10	2 2	17 28	0 10	22 59	0 20	21 33	0 22	1 30	2 0	5 22		n.a.
M20	22 12	2 22	1 3	19 3	3 52	20 48	1 29	21 11	2 51	9 47	1 18	16 8	2 2	17 28	0 10	22 59	0 20	21 33	0 22	1 29	1 59	5 20		n.a.
T 21	22 2	1s26	0 1	19 12	3 49	20 29	1 29	21 13	2 50	9 42	1 18	16 5	2 2	17 29	0 10	22 59	0 20	21 33	0 22	1 29	1 57	5 18		n.a.
W22	21 52	5 12	1n 2	19 23	3 45	20 9	1 28	21 14	2 49	9 38	1 18	16 3	2 2	17 29	0 10	22 59	0 20	21 33	0 22	1 29	1 56	5 16		n.a.
T 23	21 42	8 49	2 3	19 34	3 38	19 50	1 28	21 16	2 49	9 33	1 18	16 0	2 2	17 30	0 10	22 59	0 20	21 33	0 22	1 29	1 55	5 15		n.a.
F 24	21 31	12 8	3 0	19 47	3 30	19 29	1 28	21 18	2 48	9 28	1 17	15 58	2 2	17 30	0 10	23 0	0 20	21 33	0 22	1 29	1 54	5 13		n.a.
S 25	21 20	14 59	3 49	19 59	3 21	19 8	1 28	21 20	2 47	9 23	1 17	15 56	2 2	17 31	0 10	23 0	0 20	21 33	0 21	1 28	1 52	5 11		n.a.
S 26	21 9	17 10	4 29	20 12	3 11	18 46	1 27	21 22	2 47	9 18	1 17	15 53	2 2	17 32	0 10	23 0	0 20	21 33	0 21	1 25	1 51	5 9		n.a.
M27	20 57	18 28	4 54	20 26	3 0	18 24	1 27	21 25	2 46	9 14	1 17	15 51	2 2	17 32	0 10	23 0	0 20	21 33	0 21	1 22	1 50	5 7		n.a.
T 28	20 45	18 43	5 4	20 39	2 48	18 2	1 26	21 27	2 45	9 9	1 17	15 48	2 2	17 33	0 10	23 1	0 20	21 33	0 21	1 18	1 49	5 6		n.a.
W29	20 32	17 47	4 54	20 53	2 35	17 39	1 25	21 30	2 44	9 4	1 17	15 46	2 2	17 33	0 10	23 1	0 20	21 32	0 21	1 14	1 47	5 4		n.a.
T 30	20 19	15 40	4 25	21 6	2 23	17 15	1 25	21 32	2 44	8 59	1 16	15 43	2 2	17 34	0 10	23 1	0 20	21 32	0 21	1 10	1 46	5 2		n.a.
F 31	20s 6	12s29	3n38	21s19	2n10	16s51	1s24	21n35	2n43	8s54	1s16	15s41	2s 1	17s34	0n10	23n 1	0n20	21n32	0s21	1s 7	1s45	5n 0		n.a.

Julian Day Number = 1342293.5, Delta T = 07h14m40s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'19, Lahiri = -18°17'18 Julian Calendar 1 Jan. 1038 BCE == Greg. Calendar 22 Dec. 1039 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

FEBRUARY 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 3 6	2♒42'16	2♓ 6	9♑37	19♒43	23♉48	10♓47	24♒ 0	18♏59	17°R11	7°R22	2°R39	4♎16	13♍16	n.a.	S 1
S 2	8 7 3	3°42'07	16°55	9°48	20°58	24° 3	11° 0	24° 7	19° 1	17♋ 9	7♊22	2♎36	4°13	13°23	n.a.	S 2
M 3	8 10 59	4°41'54	1♈31	10° 5	22°12	24°18	11°12	24°14	19° 2	17° 8	7°21	2°D35	4°10	13°30	n.a.	M 3
T 4	8 14 56	5°41'40	15°49	10°28	23°26	24°33	11°25	24°22	19° 4	17° 6	7°21	2°35	4° 7	13°36	n.a.	T 4
W 5	8 18 52	6°41'23	29°49	10°55	24°41	24°49	11°38	24°29	19° 5	17° 4	7°20	2°36	4° 4	13°43	n.a.	W 5
T 6	8 22 49	7°41'04	13♉30	11°26	25°55	25° 5	11°51	24°36	19° 6	17° 3	7°19	2°R36	4° 0	13°50	n.a.	T 6
F 7	8 26 45	8°40'42	26°54	12° 2	27° 9	25°22	12° 4	24°44	19° 8	17° 1	7°19	2°34	3°57	13°56	n.a.	F 7
S 8	8 30 42	9°40'18	10♊ 1	12°43	28°23	25°40	12°18	24°51	19° 9	17° 0	7°18	2°30	3°54	14° 3	n.a.	S 8
S 9	8 34 39	10°39'52	22°55	13°26	29°37	25°57	12°31	24°59	19°10	16°58	7°18	2°24	3°51	14°10	n.a.	S 9
M10	8 38 35	11°39'23	5♋36	14°14	0♓51	26°15	12°44	25° 6	19°11	16°57	7°17	2°16	3°48	14°16	n.a.	M10
T 11	8 42 32	12°38'52	18° 5	15° 5	2° 5	26°34	12°57	25°14	19°13	16°55	7°17	2° 7	3°44	14°23	n.a.	T 11
W12	8 46 28	13°38'18	0♌24	15°59	3°19	26°53	13°11	25°21	19°14	16°54	7°17	1°58	3°41	14°30	n.a.	W12
T 13	8 50 25	14°37'43	12°33	16°56	4°33	27°12	13°24	25°29	19°15	16°52	7°16	1°49	3°38	14°36	n.a.	T 13
F 14	8 54 21	15°37'05	24°34	17°55	5°47	27°31	13°38	25°36	19°16	16°51	7°16	1°42	3°35	14°43	n.a.	F 14
S 15	8 58 18	16°36'25	6♍28	18°58	7° 1	27°51	13°51	25°44	19°17	16°50	7°15	1°37	3°32	14°50	n.a.	S 15
S 16	9 2 14	17°35'43	18°18	20° 3	8°15	28°11	14° 5	25°52	19°17	16°48	7°15	1°34	3°29	14°56	n.a.	S 16
M17	9 6 11	18°34'58	0♎ 5	21°10	9°29	28°32	14°18	25°59	19°18	16°47	7°15	1°D32	3°25	15° 3	n.a.	M17
T 18	9 10 7	19°34'12	11°53	22°19	10°43	28°53	14°32	26° 7	19°19	16°45	7°15	1°33	3°22	15° 9	n.a.	T 18
W19	9 14 4	20°33'24	23°46	23°31	11°56	29°14	14°45	26°14	19°20	16°44	7°14	1°34	3°19	15°16	n.a.	W19
T 20	9 18 1	21°32'34	5♏50	24°45	13°10	29°36	14°59	26°22	19°20	16°43	7°14	1°36	3°16	15°23	n.a.	T 20
F 21	9 21 57	22°31'42	18° 8	26° 1	14°24	29°58	15°13	26°30	19°21	16°41	7°14	1°R37	3°13	15°29	n.a.	F 21
S 22	9 25 54	23°30'48	0♐45	27°18	15°37	0♊20	15°27	26°37	19°22	16°40	7°14	1°37	3° 9	15°36	n.a.	S 22
S 23	9 29 50	24°29'52	13°47	28°38	16°51	0°43	15°40	26°45	19°22	16°39	7°13	1°35	3° 6	15°43	n.a.	S 23
M24	9 33 47	25°28'54	27°15	29°59	18° 5	1° 5	15°54	26°53	19°23	16°38	7°13	1°32	3° 3	15°49	n.a.	M24
T 25	9 37 43	26°27'55	11♑12	1♒22	19°18	1°28	16° 8	27° 0	19°23	16°36	7°13	1°27	3° 0	15°56	n.a.	T 25
W26	9 41 40	27°26'54	25°37	2°47	20°32	1°52	16°22	27° 8	19°23	16°35	7°13	1°22	2°57	16° 3	n.a.	W26
T 27	9 45 36	28°25'50	10♒25	4°14	21°45	2°16	16°36	27°16	19°24	16°34	7°13	1°17	2°54	16° 9	n.a.	T 27
F 28	9 49 33	29♒24'45	25♒28	5♒42	22♓59	2♊39	16♓50	27♒23	19♏24	16♋33	7♊13	1♎13	2♎50	16♍16	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s52	8s29	2n36	21s32	1n56	16s26	1s23	21n38	2n42	8s49	1s16	15s38	2s 1	17s34	0n10	23n 1	0n20	21n32	0s21	1s 4	1s43	4n58		n.a.
S 2	19 38	3 59	1 23	21 44	1 43	16 2	1 22	21 41	2 41	8 44	1 16	15 36	2 1	17 35	0 10	23 2	0 20	21 32	0 21	1 3	1 42	4 56		n.a.
M 3	19 23	0n42	0 6	21 56	1 30	15 36	1 21	21 44	2 41	8 38	1 16	15 33	2 1	17 35	0 10	23 2	0 20	21 32	0 21	1 2	1 41	4 55		n.a.
T 4	19 9	5 14	1s10	22 7	1 17	15 10	1 20	21 47	2 40	8 33	1 16	15 31	2 1	17 36	0 10	23 2	0 20	21 32	0 21	1 3	1 40	4 53		n.a.
W 5	18 54	9 23	2 21	22 17	1 5	14 44	1 19	21 50	2 39	8 28	1 16	15 28	2 1	17 36	0 10	23 2	0 20	21 32	0 21	1 3	1 38	4 51		n.a.
T 6	18 38	12 56	3 21	22 27	0 52	14 18	1 18	21 54	2 38	8 23	1 15	15 26	2 1	17 37	0 10	23 3	0 20	21 32	0 21	1 3	1 37	4 49		n.a.
F 7	18 23	15 43	4 10	22 36	0 40	13 51	1 16	21 57	2 37	8 18	1 15	15 23	2 1	17 37	0 10	23 3	0 20	21 32	0 21	1 2	1 36	4 47		n.a.
S 8	18 7	17 38	4 44	22 44	0 28	13 24	1 15	22 1	2 37	8 13	1 15	15 21	2 1	17 37	0 10	23 3	0 20	21 32	0 20	1 1	1 34	4 46		n.a.
S 9	17 50	18 35	5 3	22 51	0 16	12 56	1 14	22 4	2 36	8 7	1 15	15 18	2 1	17 38	0 10	23 3	0 20	21 32	0 20	0 58	1 33	4 44		n.a.
M10	17 34	18 36	5 6	22 57	0 5	12 28	1 12	22 8	2 35	8 2	1 15	15 15	2 1	17 38	0 10	23 3	0 20	21 32	0 20	0 55	1 32	4 42		n.a.
T 11	17 17	17 42	4 55	23 3	0s 6	12 0	1 11	22 11	2 34	7 57	1 15	15 13	2 1	17 38	0 10	23 4	0 20	21 32	0 20	0 51	1 31	4 40		n.a.
W12	17 0	15 59	4 30	23 7	0 16	11 31	1 9	22 15	2 34	7 51	1 15	15 10	2 1	17 39	0 10	23 4	0 20	21 32	0 20	0 48	1 29	4 38		n.a.
T 13	16 42	13 34	3 53	23 10	0 26	11 2	1 8	22 19	2 33	7 46	1 15	15 8	2 1	17 39	0 10	23 4	0 20	21 32	0 20	0 44	1 28	4 36		n.a.
F 14	16 24	10 37	3 6	23 11	0 36	10 33	1 6	22 23	2 32	7 41	1 14	15 5	2 1	17 39	0 10	23 4	0 20	21 32	0 20	0 41	1 27	4 35		n.a.
S 15	16 6	7 14	2 12	23 12	0 45	10 4	1 4	22 27	2 31	7 35	1 14	15 2	2 1	17 39	0 10	23 4	0 20	21 32	0 20	0 39	1 25	4 33		n.a.
S 16	15 48	3 37	1 11	23 11	0 54	9 34	1 3	22 31	2 31	7 30	1 14	15 0	2 1	17 40	0 10	23 5	0 20	21 32	0 20	0 38	1 24	4 31		n.a.
M17	15 30	0s 9	0 8	23 9	1 3	9 4	1 1	22 35	2 30	7 25	1 14	14 57	2 1	17 40	0 10	23 5	0 20	21 32	0 20	0 37	1 23	4 29		n.a.
T 18	15 11	3 55	0n56	23 6	1 11	8 34	0 59	22 39	2 29	7 19	1 14	14 55	2 1	17 40	0 10	23 5	0 20	21 32	0 20	0 38	1 22	4 27		n.a.
W19	14 52	7 33	1 58	23 1	1 18	8 4	0 57	22 43	2 28	7 14	1 14	14 52	2 1	17 40	0 10	23 5	0 20	21 32	0 20	0 38	1 20	4 25		n.a.
T 20	14 33	10 55	2 56	22 55	1 25	7 34	0 55	22 47	2 28	7 8	1 14	14 49	2 1	17 40	0 10	23 5	0 20	21 32	0 20	0 39	1 19	4 24		n.a.
F 21	14 13	13 52	3 47	22 47	1 32	7 3	0 53	22 51	2 27	7 3	1 14	14 47	2 1	17 41	0 10	23 5	0 20	21 32	0 20	0 39	1 18	4 22		n.a.
S 22	13 54	16 15	4 28	22 38	1 39	6 32	0 51	22 55	2 26	6 57	1 14	14 44	2 1	17 41	0 10	23 6	0 20	21 32	0 19	0 39	1 16	4 20		n.a.
S 23	13 34	17 54	4 57	22 28	1 44	6 1	0 49	22 59	2 25	6 52	1 14	14 41	2 1	17 41	0 10	23 6	0 20	21 32	0 19	0 38	1 15	4 18		n.a.
M24	13 14	18 36	5 11	22 16	1 50	5 30	0 47	23 3	2 25	6 46	1 13	14 39	2 1	17 41	0 10	23 6	0 20	21 32	0 19	0 37	1 14	4 16		n.a.
T 25	12 53	18 14	5 8	22 2	1 55	4 59	0 44	23 8	2 24	6 41	1 13	14 36	2 2	17 41	0 10	23 6	0 20	21 33	0 19	0 35	1 13	4 14		n.a.
W26	12 33	16 41	4 45	21 47	1 59	4 27	0 42	23 12	2 23	6 35	1 13	14 33	2 2	17 41	0 10	23 6	0 20	21 33	0 19	0 33	1 11	4 13		n.a.
T 27	12 12	14 1	4 3	21 30	2 3	3 56	0 40	23 16	2 22	6 29	1 13	14 31	2 2	17 41	0 10	23 6	0 20	21 33	0 19	0 31	1 10	4 11		n.a.
F 28	11s51	10s22	3n 3	21s11	2s 7	3s24	0s37	23n20	2n22	6s24	1s13	14s28	2s 2	17s41	0n10	23n 6	0n20	21n33	0s19	0s30	1s 9	4n 9		n.a.

Julian Day Number = 1342324.5, Delta T = 07h14m39s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'14, Lahiri = -18°17'14 Julian Calendar 1 Feb. 1038 BCE == Greg. Calendar 22 Jan. 1038 BCE

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

MARCH 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 53 30	0♓23'37	10♓38	7♒12	24♓12	3♊ 4	17♓ 4	27♒31	19♏24	16°R32	7°D13	1°R10	2♎47	16♍23	n.a.	S 1
S 2	9 57 26	1°22'27	25°46	8°43	25°25	3°28	17°18	27°39	19°24	16♋31	7♊13	1°D 9	2°44	16°29	n.a.	S 2
M 3	10 1 23	2°21'15	10♈41	10°16	26°39	3°53	17°32	27°46	19°24	16°30	7°13	1♎ 9	2°41	16°36	n.a.	M 3
T 4	10 5 19	3°20'00	25°18	11°51	27°52	4°18	17°46	27°54	19°R24	16°29	7°13	1°10	2°38	16°43	n.a.	T 4
W 5	10 9 16	4°18'43	9♉33	13°27	29° 5	4°43	18° 0	28° 2	19°24	16°28	7°13	1°12	2°35	16°49	n.a.	W 5
T 6	10 13 12	5°17'24	23°23	15° 4	0♈18	5° 8	18°14	28° 9	19°24	16°27	7°13	1°13	2°31	16°56	n.a.	T 6
F 7	10 17 9	6°16'03	6♊49	16°44	1°31	5°34	18°28	28°17	19°24	16°26	7°14	1°R14	2°28	17° 3	n.a.	F 7
S 8	10 21 5	7°14'39	19°54	18°24	2°45	6° 0	18°43	28°24	19°24	16°25	7°14	1°13	2°25	17° 9	n.a.	S 8
S 9	10 25 2	8°13'13	2♋40	20° 7	3°58	6°26	18°57	28°32	19°24	16°24	7°14	1°11	2°22	17°16	n.a.	S 9
M10	10 28 58	9°11'44	15°10	21°51	5°11	6°53	19°11	28°39	19°24	16°23	7°14	1° 9	2°19	17°23	n.a.	M10
T 11	10 32 55	10°10'13	27°26	23°36	6°24	7°19	19°25	28°47	19°23	16°22	7°14	1° 6	2°15	17°29	n.a.	T 11
W12	10 36 52	11° 8'40	9♌32	25°23	7°36	7°46	19°39	28°55	19°23	16°21	7°15	1° 2	2°12	17°36	n.a.	W12
T 13	10 40 48	12° 7'05	21°31	27°12	8°49	8°13	19°53	29° 2	19°22	16°20	7°15	0°59	2° 9	17°42	n.a.	T 13
F 14	10 44 45	13° 5'28	3♍23	29° 3	10° 2	8°40	20° 8	29°10	19°22	16°20	7°15	0°57	2° 6	17°49	n.a.	F 14
S 15	10 48 41	14° 3'49	15°13	0♓55	11°15	9° 7	20°22	29°17	19°21	16°19	7°16	0°55	2° 3	17°56	n.a.	S 15
S 16	10 52 38	15° 2'07	27° 1	2°48	12°27	9°35	20°36	29°25	19°21	16°18	7°16	0°D55	2° 0	18° 2	n.a.	S 16
M17	10 56 34	16° 0'24	8♎49	4°43	13°40	10° 3	20°50	29°32	19°20	16°17	7°16	0°55	1°56	18° 9	n.a.	M17
T 18	11 0 31	16°58'39	20°41	6°40	14°53	10°31	21° 5	29°40	19°20	16°17	7°17	0°55	1°53	18°16	n.a.	T 18
W19	11 4 27	17°56'52	2♏40	8°38	16° 5	10°59	21°19	29°47	19°19	16°16	7°17	0°57	1°50	18°22	n.a.	W19
T 20	11 8 24	18°55'04	14°48	10°38	17°18	11°27	21°33	29°54	19°18	16°16	7°18	0°58	1°47	18°29	n.a.	T 20
F 21	11 12 20	19°53'14	27° 9	12°40	18°30	11°55	21°47	0♓ 2	19°17	16°15	7°18	0°59	1°44	18°36	n.a.	F 21
S 22	11 16 17	20°51'22	9♐47	14°43	19°43	12°24	22° 2	0° 9	19°16	16°15	7°18	0°59	1°40	18°42	n.a.	S 22
S 23	11 20 14	21°49'29	22°45	16°47	20°55	12°53	22°16	0°16	19°16	16°14	7°19	1°R 0	1°37	18°49	n.a.	S 23
M24	11 24 10	22°47'34	6♑ 8	18°52	22° 7	13°22	22°30	0°24	19°15	16°14	7°20	0°59	1°34	18°56	n.a.	M24
T 25	11 28 7	23°45'38	19°55	20°59	23°19	13°51	22°44	0°31	19°14	16°13	7°20	0°59	1°31	19° 2	n.a.	T 25
W26	11 32 3	24°43'40	4♒ 9	23° 7	24°32	14°20	22°59	0°38	19°13	16°13	7°21	0°58	1°28	19° 9	n.a.	W26
T 27	11 36 0	25°41'41	18°47	25°15	25°44	14°49	23°13	0°45	19°12	16°12	7°21	0°58	1°25	19°16	n.a.	T 27
F 28	11 39 56	26°39'40	3♓43	27°24	26°56	15°19	23°27	0°53	19°10	16°12	7°22	0°57	1°21	19°22	n.a.	F 28
S 29	11 43 53	27°37'37	18°51	29°34	28° 8	15°49	23°41	1° 0	19° 9	16°12	7°23	0°57	1°18	19°29	n.a.	S 29
S 30	11 47 49	28°35'33	4♈ 2	1♈44	29°20	16°19	23°56	1° 7	19° 8	16°11	7°23	0°D57	1°15	19°35	n.a.	S 30
M31	11 51 46	29♓33'27	19♈ 6	3♈53	0♉32	16♊49	24♓10	1♓14	19♏ 7	16♋11	7♊24	0♎57	1♎12	19♍42	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s30	6s 0	1n50	20s51	2s10	2s52	0s35	23n24	2n21	6s18	1s13	14s26	2s 2	17s41	0n10	23n 7	0n20	21n33	0s19	0s28	1s 8	4n 7		n.a.
S 2	11 9	1 16	0 30	20 30	2 13	2 21	0 32	23 28	2 20	6 13	1 13	14 23	2 2	17 41	0 10	23 7	0 20	21 33	0 19	0 28	1 6	4 5		n.a.
M 3	10 48	3n30	0s52	20 6	2 15	1 49	0 30	23 32	2 19	6 7	1 13	14 20	2 2	17 42	0 10	23 7	0 20	21 33	0 19	0 28	1 5	4 3		n.a.
T 4	10 26	7 57	2 9	19 41	2 17	1 17	0 27	23 36	2 19	6 1	1 13	14 18	2 2	17 42	0 10	23 7	0 20	21 33	0 19	0 28	1 4	4 2		n.a.
W 5	10 5	11 48	3 16	19 15	2 18	0 45	0 25	23 40	2 18	5 56	1 13	14 15	2 2	17 42	0 10	23 7	0 20	21 33	0 19	0 29	1 2	4 0		n.a.
T 6	9 43	14 54	4 9	18 46	2 18	0 13	0 22	23 44	2 17	5 50	1 13	14 12	2 2	17 42	0 10	23 7	0 20	21 33	0 19	0 30	1 1	3 58		n.a.
F 7	9 21	17 5	4 47	18 16	2 18	0n19	0 20	23 49	2 17	5 44	1 13	14 10	2 2	17 41	0 10	23 7	0 20	21 33	0 19	0 30	1 0	3 56		n.a.
S 8	8 59	18 18	5 9	17 44	2 18	0 51	0 17	23 52	2 16	5 39	1 12	14 7	2 2	17 41	0 10	23 8	0 20	21 33	0 18	0 29	0 59	3 54		n.a.
S 9	8 37	18 33	5 15	17 10	2 17	1 23	0 14	23 56	2 15	5 33	1 12	14 4	2 2	17 41	0 10	23 8	0 20	21 33	0 18	0 29	0 57	3 52		n.a.
M10	8 15	17 53	5 6	16 35	2 16	1 55	0 12	24 0	2 14	5 27	1 12	14 2	2 2	17 41	0 10	23 8	0 20	21 34	0 18	0 28	0 56	3 51		n.a.
T 11	7 52	16 23	4 43	15 58	2 14	2 26	0 9	24 4	2 14	5 22	1 12	13 59	2 2	17 41	0 10	23 8	0 20	21 34	0 18	0 26	0 55	3 49		n.a.
W12	7 30	14 11	4 7	15 19	2 11	2 58	0 6	24 8	2 13	5 16	1 12	13 57	2 2	17 41	0 10	23 8	0 20	21 34	0 18	0 25	0 53	3 47		n.a.
T 13	7 7	11 23	3 21	14 38	2 8	3 30	0 3	24 12	2 12	5 10	1 12	13 54	2 2	17 41	0 10	23 8	0 20	21 34	0 18	0 24	0 52	3 45		n.a.
F 14	6 45	8 9	2 26	13 56	2 5	4 2	0 0	24 16	2 12	5 4	1 12	13 51	2 3	17 41	0 10	23 8	0 20	21 34	0 18	0 23	0 51	3 43		n.a.
S 15	6 22	4 36	1 26	13 12	2 1	4 33	0n 2	24 19	2 11	4 59	1 12	13 49	2 3	17 41	0 10	23 8	0 20	21 34	0 18	0 22	0 50	3 41		n.a.
S 16	5 59	0 53	0 22	12 26	1 56	5 5	0 5	24 23	2 10	4 53	1 12	13 46	2 3	17 41	0 10	23 8	0 20	21 34	0 18	0 22	0 48	3 39		n.a.
M17	5 36	2s53	0n44	11 39	1 51	5 36	0 8	24 26	2 9	4 47	1 12	13 44	2 3	17 40	0 10	23 8	0 20	21 34	0 18	0 22	0 47	3 38		n.a.
T 18	5 13	6 33	1 48	10 50	1 45	6 7	0 11	24 30	2 9	4 41	1 12	13 41	2 3	17 40	0 10	23 9	0 20	21 35	0 18	0 22	0 46	3 36		n.a.
W19	4 50	9 58	2 47	9 59	1 39	6 38	0 14	24 33	2 8	4 36	1 12	13 38	2 3	17 40	0 10	23 9	0 20	21 35	0 18	0 23	0 44	3 34		n.a.
T 20	4 27	13 1	3 40	9 7	1 32	7 9	0 17	24 37	2 7	4 30	1 12	13 36	2 3	17 40	0 10	23 9	0 20	21 35	0 18	0 23	0 43	3 32		n.a.
F 21	4 4	15 33	4 24	8 13	1 25	7 40	0 20	24 40	2 7	4 24	1 12	13 33	2 3	17 40	0 10	23 9	0 20	21 35	0 18	0 24	0 42	3 30		n.a.
S 22	3 41	17 23	4 56	7 18	1 17	8 10	0 23	24 43	2 6	4 18	1 12	13 31	2 3	17 39	0 10	23 9	0 20	21 35	0 17	0 24	0 41	3 28		n.a.
S 23	3 18	18 23	5 14	6 21	1 9	8 41	0 26	24 46	2 5	4 13	1 12	13 28	2 3	17 39	0 10	23 9	0 20	21 35	0 17	0 24	0 39	3 27		n.a.
M24	2 54	18 24	5 16	5 24	1 0	9 11	0 28	24 49	2 5	4 7	1 12	13 26	2 4	17 39	0 10	23 9	0 20	21 35	0 17	0 24	0 38	3 25		n.a.
T 25	2 31	17 21	5 1	4 25	0 51	9 41	0 31	24 52	2 4	4 1	1 12	13 23	2 4	17 39	0 10	23 9	0 20	21 36	0 17	0 24	0 37	3 23		n.a.
W26	2 8	15 13	4 26	3 25	0 42	10 11	0 34	24 55	2 3	3 55	1 12	13 21	2 4	17 38	0 10	23 9	0 20	21 36	0 17	0 23	0 35	3 21		n.a.
T 27	1 44	12 3	3 34	2 24	0 32	10 40	0 37	24 58	2 3	3 50	1 12	13 18	2 4	17 38	0 10	23 9	0 20	21 36	0 17	0 23	0 34	3 19		n.a.
F 28	1 21	8 2	2 26	1 23	0 22	11 10	0 40	25 1	2 2	3 44	1 12	13 16	2 4	17 38	0 10	23 9	0 20	21 36	0 17	0 23	0 33	3 17		n.a.
S 29	0 57	3 27	1 7	0 21	0 11	11 39	0 43	25 3	2 1	3 38	1 12	13 13	2 4	17 37	0 10	23 9	0 20	21 36	0 17	0 23	0 32	3 15		n.a.
S 30	0 34	1n22	0s17	0n41	0 1	12 7	0 46	25 6	2 1	3 32	1 12	13 11	2 4	17 37	0 10	23 9	0 20	21 37	0 17	0 23	0 30	3 14		n.a.
M31	0s11	6n 4	1s39	1n43	0n10	12n36	0n49	25n 8	2n 0	3s27	1s12	13s 8	2s 4	17s37	0n10	23n 9	0n20	21n37	0s17	0s23	0s29	3n12		n.a.

Julian Day Number = 1342352.5, Delta T = 07h14m37s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'11, Lahiri = -18°17'10 Julian Calendar 1 March 1038 BCE == Greg. Calendar 19 Feb. 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

APRIL 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 55 42	0♈31'19	3♉55	6♈ 3	1♉44	17♊19	24♓24	1♓21	19°R 5	16°R11	7♊25	0°R57	1♎ 9	19♍49	n.a.	T 1
W 2	11 59 39	1°29'10	18°23	8°11	2°55	17°49	24°38	1°28	19♏ 4	16♋11	7°25	0♎57	1° 6	19°55	n.a.	W 2
T 3	12 3 36	2°26'59	2♊24	10°19	4° 7	18°19	24°52	1°35	19° 3	16°11	7°26	0°57	1° 2	20° 2	n.a.	T 3
F 4	12 7 32	3°24'46	15°59	12°26	5°19	18°50	25° 7	1°42	19° 1	16°10	7°27	0°57	0°59	20° 9	n.a.	F 4
S 5	12 11 29	4°22'31	29° 9	14°31	6°30	19°21	25°21	1°49	19° 0	16°10	7°28	0°D57	0°56	20°15	n.a.	S 5
S 6	12 15 25	5°20'14	11♋55	16°34	7°42	19°52	25°35	1°56	18°58	16°10	7°29	0°57	0°53	20°22	n.a.	S 6
M 7	12 19 22	6°17'56	24°21	18°35	8°53	20°23	25°49	2° 2	18°57	16°D10	7°30	0°57	0°50	20°29	n.a.	M 7
T 8	12 23 18	7°15'35	6♌33	20°34	10° 5	20°54	26° 3	2° 9	18°55	16°10	7°30	0°57	0°46	20°35	n.a.	T 8
W 9	12 27 15	8°13'13	18°32	22°30	11°16	21°25	26°17	2°16	18°54	16°10	7°31	0°58	0°43	20°42	n.a.	W 9
T 10	12 31 11	9°10'50	0♍24	24°24	12°27	21°56	26°31	2°22	18°52	16°10	7°32	0°59	0°40	20°49	n.a.	T 10
F 11	12 35 8	10° 8'25	12°13	26°15	13°39	22°28	26°45	2°29	18°50	16°11	7°33	1° 0	0°37	20°55	n.a.	F 11
S 12	12 39 5	11° 5'58	24° 0	28° 4	14°50	22°59	26°59	2°36	18°48	16°11	7°34	1° 0	0°34	21° 2	n.a.	S 12
S 13	12 43 1	12° 3'30	5♎50	29°49	16° 1	23°31	27°13	2°42	18°47	16°11	7°35	1°R 0	0°31	21° 9	n.a.	S 13
M14	12 46 58	13° 1'00	17°43	1♉32	17°12	24° 3	27°27	2°49	18°45	16°11	7°36	1° 0	0°27	21°15	n.a.	M14
T 15	12 50 54	13°58'30	29°43	3°11	18°23	24°35	27°41	2°55	18°43	16°11	7°37	0°58	0°24	21°22	n.a.	T 15
W16	12 54 51	14°55'58	11♏52	4°47	19°34	25° 7	27°55	3° 2	18°41	16°12	7°38	0°57	0°21	21°28	n.a.	W16
T 17	12 58 47	15°53'25	24°11	6°20	20°44	25°39	28° 9	3° 8	18°39	16°12	7°39	0°55	0°18	21°35	n.a.	T 17
F 18	13 2 44	16°50'51	6♐42	7°50	21°55	26°11	28°23	3°14	18°37	16°12	7°40	0°52	0°15	21°42	n.a.	F 18
S 19	13 6 40	17°48'16	19°28	9°16	23° 6	26°43	28°37	3°20	18°35	16°13	7°41	0°50	0°12	21°48	n.a.	S 19
S 20	13 10 37	18°45'40	2♑30	10°39	24°16	27°16	28°51	3°27	18°33	16°13	7°42	0°49	0° 8	21°55	n.a.	S 20
M21	13 14 34	19°43'03	15°51	11°59	25°27	27°48	29° 4	3°33	18°31	16°13	7°43	0°D48	0° 5	22° 2	n.a.	M21
T 22	13 18 30	20°40'26	29°32	13°16	26°37	28°21	29°18	3°39	18°29	16°14	7°45	0°48	0° 2	22° 8	n.a.	T 22
W23	13 22 27	21°37'48	13♒34	14°29	27°47	28°54	29°32	3°45	18°27	16°14	7°46	0°49	29♍59	22°15	n.a.	W23
T 24	13 26 23	22°35'09	27°55	15°38	28°58	29°26	29°45	3°51	18°25	16°15	7°47	0°51	29°56	22°22	n.a.	T 24
F 25	13 30 20	23°32'29	12♓34	16°44	0♊ 8	29°59	29°59	3°57	18°23	16°16	7°48	0°52	29°52	22°28	n.a.	F 25
S 26	13 34 16	24°29'48	27°27	17°46	1°18	0♋32	0♈13	4° 2	18°21	16°16	7°49	0°R53	29°49	22°35	n.a.	S 26
S 27	13 38 13	25°27'07	12♈25	18°45	2°28	1° 6	0°26	4° 8	18°19	16°17	7°50	0°52	29°46	22°42	n.a.	S 27
M28	13 42 9	26°24'25	27°23	19°40	3°38	1°39	0°40	4°14	18°17	16°17	7°52	0°51	29°43	22°48	n.a.	M28
T 29	13 46 6	27°21'42	12♉10	20°31	4°48	2°12	0°53	4°19	18°14	16°18	7°53	0°48	29°40	22°55	n.a.	T 29
W30	13 50 3	28♈18'58	26♉40	21♉18	5♊58	2♋46	1♈ 7	4♓25	18♏12	16♋19	7♊54	0♎44	29♍37	23♍ 2	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n13	10n18	2s53	2n45	0n21	13n 4	0n52	25n11	1n59	3s21	1s12	13s 6	2s 5	17s36	0n10	23n 9	0n20	21n37	0s17	0s23	0s28	3n10		n.a.
W 2	0 36	13 49	3 55	3 47	0 31	13 32	0 55	25 13	1 59	3 15	1 12	13 4	2 5	17 36	0 10	23 9	0 20	21 37	0 17	0 23	0 26	3 8		n.a.
T 3	0 59	16 24	4 40	4 47	0 42	13 59	0 58	25 15	1 58	3 10	1 12	13 1	2 5	17 36	0 10	23 9	0 20	21 37	0 17	0 23	0 25	3 6		n.a.
F 4	1 23	17 58	5 7	5 47	0 52	14 27	1 0	25 17	1 57	3 4	1 12	12 59	2 5	17 35	0 10	23 9	0 20	21 37	0 17	0 23	0 24	3 4		n.a.
S 5	1 46	18 31	5 18	6 46	1 3	14 54	1 3	25 19	1 57	2 58	1 12	12 56	2 5	17 35	0 10	23 9	0 20	21 38	0 17	0 23	0 23	3 3		n.a.
S 6	2 9	18 5	5 12	7 43	1 12	15 20	1 6	25 21	1 56	2 52	1 12	12 54	2 5	17 34	0 10	23 9	0 20	21 38	0 16	0 23	0 21	3 1		n.a.
M 7	2 32	16 48	4 52	8 39	1 22	15 46	1 9	25 23	1 55	2 47	1 12	12 52	2 5	17 34	0 10	23 9	0 20	21 38	0 16	0 23	0 20	2 59		n.a.
T 8	2 55	14 45	4 19	9 33	1 31	16 12	1 11	25 24	1 55	2 41	1 12	12 49	2 6	17 33	0 10	23 9	0 20	21 38	0 16	0 23	0 19	2 57		n.a.
W 9	3 19	12 6	3 35	10 25	1 39	16 37	1 14	25 26	1 54	2 35	1 12	12 47	2 6	17 33	0 10	23 9	0 20	21 39	0 16	0 23	0 17	2 55		n.a.
T 10	3 42	8 59	2 42	11 16	1 47	17 2	1 17	25 27	1 54	2 30	1 12	12 45	2 6	17 33	0 10	23 9	0 20	21 39	0 16	0 24	0 16	2 53		n.a.
F 11	4 5	5 31	1 43	12 4	1 55	17 27	1 20	25 29	1 53	2 24	1 12	12 42	2 6	17 32	0 10	23 9	0 20	21 39	0 16	0 24	0 15	2 51		n.a.
S 12	4 28	1 50	0 39	12 50	2 1	17 51	1 22	25 30	1 52	2 18	1 12	12 40	2 6	17 32	0 10	23 9	0 20	21 39	0 16	0 24	0 14	2 50		n.a.
S 13	4 50	1s56	0n27	13 34	2 7	18 14	1 25	25 31	1 52	2 13	1 12	12 38	2 6	17 31	0 10	23 9	0 20	21 39	0 16	0 24	0 12	2 48		n.a.
M14	5 13	5 39	1 31	14 15	2 13	18 38	1 27	25 32	1 51	2 7	1 12	12 36	2 7	17 31	0 10	23 9	0 20	21 40	0 16	0 24	0 11	2 46		n.a.
T 15	5 36	9 10	2 33	14 55	2 17	19 0	1 30	25 32	1 50	2 2	1 12	12 34	2 7	17 30	0 10	23 9	0 20	21 40	0 16	0 24	0 10	2 44		n.a.
W16	5 58	12 21	3 28	15 32	2 21	19 23	1 32	25 33	1 50	1 56	1 12	12 31	2 7	17 30	0 10	23 9	0 20	21 40	0 16	0 23	0 8	2 42		n.a.
T 17	6 21	15 1	4 14	16 6	2 24	19 44	1 35	25 34	1 49	1 50	1 12	12 29	2 7	17 29	0 10	23 9	0 20	21 40	0 16	0 22	0 7	2 40		n.a.
F 18	6 43	17 2	4 49	16 39	2 27	20 5	1 37	25 34	1 49	1 45	1 12	12 27	2 7	17 29	0 10	23 9	0 20	21 41	0 16	0 21	0 6	2 38		n.a.
S 19	7 6	18 14	5 10	17 9	2 28	20 26	1 39	25 34	1 48	1 39	1 12	12 25	2 7	17 28	0 10	23 9	0 20	21 41	0 16	0 20	0 5	2 37		n.a.
S 20	7 28	18 32	5 16	17 36	2 29	20 46	1 42	25 34	1 47	1 34	1 12	12 23	2 8	17 27	0 10	23 9	0 20	21 41	0 15	0 20	0 3	2 35		n.a.
M21	7 50	17 48	5 5	18 2	2 29	21 6	1 44	25 34	1 47	1 28	1 12	12 21	2 8	17 27	0 10	23 9	0 20	21 41	0 15	0 20	0 2	2 33		n.a.
T 22	8 12	16 3	4 37	18 25	2 28	21 25	1 46	25 34	1 46	1 23	1 12	12 19	2 8	17 26	0 10	23 9	0 20	21 42	0 15	0 20	0 1	2 31		n.a.
W23	8 34	13 18	3 52	18 45	2 26	21 44	1 48	25 34	1 45	1 17	1 12	12 17	2 8	17 26	0 10	23 9	0 20	21 42	0 15	0 20	0n 0	2 29		n.a.
T 24	8 55	9 42	2 52	19 4	2 24	22 2	1 50	25 34	1 45	1 12	1 12	12 15	2 8	17 25	0 10	23 9	0 20	21 42	0 15	0 20	0 2	2 27		n.a.
F 25	9 17	5 25	1 39	19 20	2 20	22 19	1 52	25 33	1 44	1 6	1 12	12 13	2 9	17 25	0 10	23 9	0 20	21 42	0 15	0 21	0 3	2 25		n.a.
S 26	9 38	0 45	0 19	19 34	2 16	22 36	1 54	25 32	1 44	1 1	1 12	12 11	2 9	17 24	0 10	23 9	0 20	21 43	0 15	0 21	0 4	2 24		n.a.
S 27	10 0	4n 1	1s 3	19 46	2 11	22 52	1 56	25 32	1 43	0 55	1 12	12 9	2 9	17 23	0 10	23 9	0 20	21 43	0 15	0 21	0 6	2 22		n.a.
M28	10 21	8 31	2 21	19 56	2 5	23 8	1 57	25 31	1 42	0 50	1 12	12 7	2 9	17 23	0 10	23 9	0 20	21 43	0 15	0 20	0 7	2 20		n.a.
T 29	10 42	12 26	3 28	20 3	1 58	23 23	1 59	25 30	1 42	0 45	1 12	12 5	2 9	17 22	0 10	23 8	0 20	21 43	0 15	0 19	0 8	2 18		n.a.
W30	11n 3	15n30	4s20	20n 9	1n51	23n37	2n 1	25n28	1n41	0s39	1s12	12s 3	2s10	17s22	0n10	23n 8	0n20	21n44	0s15	0s18	0n 9	2n16		n.a.

Julian Day Number = 1342383.5, Delta T = 07h14m36s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'06, Lahiri = -18°17'06 Julian Calendar 1 Apr. 1038 BCE == Greg. Calendar 22 March 1038 BCE

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

MAY 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 53 59	29♈16'13	10♊47	22♉ 1	7♊ 7	3♋19	1♈20	4♓31	18°R10	16♋20	7♊55	0°R40	29♍33	23♍ 8	n.a.	T 1
F 2	13 57 56	0♉13'27	24°28	22°40	8°17	3°53	1°33	4°36	18♏ 8	16°20	7°57	0♎36	29°30	23°15	n.a.	F 2
S 3	14 1 52	1°10'41	7♋43	23°15	9°26	4°26	1°47	4°41	18° 5	16°21	7°58	0°33	29°27	23°21	n.a.	S 3
S 4	14 5 49	2° 7'53	20°32	23°45	10°36	5° 0	2° 0	4°47	18° 3	16°22	7°59	0°31	29°24	23°28	n.a.	S 4
M 5	14 9 45	3° 5'04	3♌ 0	24°11	11°45	5°34	2°13	4°52	18° 1	16°23	8° 1	0°D31	29°21	23°35	n.a.	M 5
T 6	14 13 42	4° 2'15	15°11	24°33	12°54	6° 8	2°26	4°57	17°58	16°24	8° 2	0°31	29°17	23°41	n.a.	T 6
W 7	14 17 38	4°59'24	27° 9	24°50	14° 3	6°42	2°39	5° 2	17°56	16°25	8° 3	0°33	29°14	23°48	n.a.	W 7
T 8	14 21 35	5°56'33	8♍59	25° 3	15°12	7°16	2°52	5° 7	17°54	16°26	8° 5	0°34	29°11	23°55	n.a.	T 8
F 9	14 25 32	6°53'40	20°46	25°11	16°21	7°51	3° 5	5°12	17°51	16°27	8° 6	0°36	29° 8	24° 1	n.a.	F 9
S 10	14 29 28	7°50'48	2♎35	25°R15	17°30	8°25	3°18	5°17	17°49	16°28	8° 8	0°R36	29° 5	24° 8	n.a.	S 10
S 11	14 33 25	8°47'54	14°29	25°14	18°39	8°59	3°31	5°22	17°46	16°29	8° 9	0°35	29° 2	24°15	n.a.	S 11
M12	14 37 21	9°45'00	26°30	25° 8	19°47	9°34	3°44	5°26	17°44	16°30	8°10	0°32	28°58	24°21	n.a.	M12
T 13	14 41 18	10°42'06	8♏41	24°59	20°55	10° 8	3°56	5°31	17°42	16°31	8°12	0°28	28°55	24°28	n.a.	T 13
W14	14 45 14	11°39'11	21° 5	24°45	22° 4	10°43	4° 9	5°36	17°39	16°32	8°13	0°22	28°52	24°35	n.a.	W14
T 15	14 49 11	12°36'16	3♐40	24°27	23°12	11°18	4°22	5°40	17°37	16°33	8°15	0°15	28°49	24°41	n.a.	T 15
F 16	14 53 7	13°33'20	16°29	24° 5	24°20	11°52	4°34	5°44	17°34	16°34	8°16	0° 7	28°46	24°48	n.a.	F 16
S 17	14 57 4	14°30'25	29°30	23°40	25°28	12°27	4°47	5°49	17°32	16°36	8°18	0° 1	28°43	24°55	n.a.	S 17
S 18	15 1 1	15°27'29	12♑45	23°12	26°36	13° 2	4°59	5°53	17°29	16°37	8°19	29♍55	28°39	25° 1	n.a.	S 18
M19	15 4 57	16°24'34	26°13	22°41	27°43	13°37	5°11	5°57	17°27	16°38	8°21	29°51	28°36	25° 8	n.a.	M19
T 20	15 8 54	17°21'39	9♒55	22° 9	28°51	14°12	5°24	6° 1	17°25	16°39	8°22	29°50	28°33	25°14	n.a.	T 20
W21	15 12 50	18°18'44	23°51	21°34	29°58	14°47	5°36	6° 5	17°22	16°41	8°24	29°D50	28°30	25°21	n.a.	W21
T 22	15 16 47	19°15'48	7♓59	20°59	1♋ 6	15°23	5°48	6° 9	17°20	16°42	8°25	29°50	28°27	25°28	n.a.	T 22
F 23	15 20 43	20°12'54	22°20	20°23	2°13	15°58	6° 0	6°13	17°17	16°44	8°27	29°R51	28°23	25°34	n.a.	F 23
S 24	15 24 40	21° 9'59	6♈51	19°48	3°20	16°33	6°12	6°17	17°15	16°45	8°28	29°51	28°20	25°41	n.a.	S 24
S 25	15 28 36	22° 7'05	21°28	19°13	4°27	17° 9	6°24	6°20	17°12	16°46	8°30	29°50	28°17	25°48	n.a.	S 25
M26	15 32 33	23° 4'10	6♉ 6	18°40	5°33	17°44	6°36	6°24	17°10	16°48	8°31	29°46	28°14	25°54	n.a.	M26
T 27	15 36 30	24° 1'17	20°38	18° 9	6°40	18°20	6°47	6°27	17° 7	16°49	8°33	29°39	28°11	26° 1	n.a.	T 27
W28	15 40 26	24°58'23	4♊57	17°40	7°46	18°55	6°59	6°31	17° 5	16°51	8°34	29°31	28° 8	26° 8	n.a.	W28
T 29	15 44 23	25°55'29	18°59	17°15	8°53	19°31	7°11	6°34	17° 3	16°52	8°36	29°22	28° 4	26°14	n.a.	T 29
F 30	15 48 19	26°52'35	2♋37	16°53	9°59	20° 7	7°22	6°37	17° 0	16°54	8°37	29°13	28° 1	26°21	n.a.	F 30
S 31	15 52 16	27♉49'42	15♋52	16♉34	11♋ 5	20♋43	7♈34	6♓40	16♏58	16♋55	8♊39	29♍ 6	27♍58	26♍28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n23	17n33	4s55	20n12	1n42	23n51	2n 2	25n27	1n40	0s34	1s12	12s 1	2s10	17s21	0n10	23n 8	0n20	21n44	0s15	0s16	0n11	2n14			n.a.
F 2	11 44	18 30	5 12	20 13	1 33	24 4	2 4	25 25	1 40	0 29	1 12	11 59	2 10	17 20	0 10	23 8	0 20	21 44	0 15	0 15	0 12	2 12			n.a.
S 3	12 4	18 25	5 11	20 13	1 23	24 17	2 5	25 24	1 39	0 23	1 12	11 57	2 10	17 20	0 10	23 8	0 20	21 45	0 15	0 13	0 13	2 11			n.a.
S 4	12 24	17 22	4 55	20 10	1 12	24 28	2 7	25 22	1 39	0 18	1 12	11 56	2 11	17 19	0 10	23 8	0 20	21 45	0 15	0 13	0 15	2 9			n.a.
M 5	12 44	15 30	4 25	20 5	1 0	24 40	2 8	25 20	1 38	0 13	1 13	11 54	2 11	17 18	0 10	23 8	0 20	21 45	0 14	0 12	0 16	2 7			n.a.
T 6	13 4	12 59	3 43	19 59	0 48	24 50	2 9	25 18	1 37	0 7	1 13	11 52	2 11	17 18	0 10	23 8	0 20	21 45	0 14	0 13	0 17	2 5			n.a.
W 7	13 23	9 57	2 53	19 50	0 35	25 0	2 10	25 15	1 37	0 2	1 13	11 51	2 11	17 17	0 10	23 8	0 20	21 46	0 14	0 13	0 18	2 3			n.a.
T 8	13 43	6 33	1 56	19 40	0 21	25 9	2 11	25 13	1 36	0n 3	1 13	11 49	2 11	17 16	0 10	23 8	0 20	21 46	0 14	0 14	0 20	2 1			n.a.
F 9	14 2	2 54	0 53	19 28	0 7	25 18	2 12	25 10	1 36	0 8	1 13	11 47	2 12	17 16	0 10	23 7	0 20	21 46	0 14	0 14	0 21	1 59			n.a.
S 10	14 21	0s53	0n11	19 14	0s 8	25 25	2 13	25 7	1 35	0 13	1 13	11 46	2 12	17 15	0 10	23 7	0 20	21 47	0 14	0 15	0 22	1 57			n.a.
S 11	14 39	4 39	1 15	18 59	0 24	25 32	2 14	25 5	1 34	0 18	1 13	11 44	2 12	17 14	0 10	23 7	0 20	21 47	0 14	0 14	0 24	1 56			n.a.
M12	14 58	8 16	2 16	18 42	0 40	25 39	2 14	25 1	1 34	0 23	1 13	11 43	2 12	17 14	0 10	23 7	0 20	21 47	0 14	0 13	0 25	1 54			n.a.
T 13	15 16	11 35	3 12	18 24	0 56	25 44	2 15	24 58	1 33	0 28	1 13	11 41	2 13	17 13	0 10	23 7	0 20	21 47	0 14	0 11	0 26	1 52			n.a.
W14	15 34	14 27	4 0	18 5	1 13	25 49	2 15	24 55	1 33	0 33	1 13	11 40	2 13	17 12	0 10	23 7	0 20	21 48	0 14	0 9	0 27	1 50			n.a.
T 15	15 52	16 41	4 37	17 44	1 29	25 54	2 16	24 51	1 32	0 38	1 13	11 38	2 13	17 12	0 10	23 7	0 20	21 48	0 14	0 6	0 29	1 48			n.a.
F 16	16 9	18 8	5 0	17 23	1 46	25 57	2 16	24 48	1 31	0 43	1 13	11 37	2 13	17 11	0 10	23 6	0 20	21 48	0 14	0 3	0 30	1 46			n.a.
S 17	16 27	18 40	5 9	17 1	2 2	26 0	2 16	24 44	1 31	0 48	1 13	11 35	2 14	17 10	0 10	23 6	0 20	21 49	0 14	0 0	0 31	1 44			n.a.
S 18	16 44	18 12	5 1	16 38	2 18	26 2	2 16	24 40	1 30	0 53	1 14	11 34	2 14	17 10	0 10	23 6	0 20	21 49	0 14	0n 2	0 33	1 43			n.a.
M19	17 0	16 42	4 37	16 16	2 34	26 4	2 16	24 36	1 30	0 58	1 14	11 33	2 14	17 9	0 10	23 6	0 20	21 49	0 14	0 3	0 34	1 41			n.a.
T 20	17 17	14 14	3 57	15 53	2 49	26 4	2 16	24 31	1 29	1 3	1 14	11 31	2 14	17 8	0 10	23 6	0 20	21 49	0 14	0 4	0 35	1 39			n.a.
W21	17 33	10 55	3 2	15 30	3 3	26 4	2 15	24 27	1 28	1 8	1 14	11 30	2 15	17 7	0 10	23 6	0 20	21 50	0 13	0 4	0 36	1 37			n.a.
T 22	17 49	6 56	1 55	15 8	3 16	26 4	2 15	24 22	1 28	1 13	1 14	11 29	2 15	17 7	0 10	23 6	0 20	21 50	0 13	0 4	0 38	1 35			n.a.
F 23	18 5	2 28	0 40	14 47	3 28	26 2	2 15	24 17	1 27	1 17	1 14	11 28	2 15	17 6	0 10	23 5	0 20	21 50	0 13	0 4	0 39	1 33			n.a.
S 24	18 20	2n11	0s38	14 27	3 39	26 0	2 14	24 12	1 27	1 22	1 14	11 26	2 15	17 5	0 10	23 5	0 20	21 51	0 13	0 4	0 40	1 31			n.a.
S 25	18 35	6 45	1 54	14 8	3 49	25 58	2 13	24 7	1 26	1 27	1 14	11 25	2 16	17 5	0 10	23 5	0 20	21 51	0 13	0 4	0 42	1 30			n.a.
M26	18 50	10 54	3 2	13 51	3 58	25 54	2 12	24 2	1 25	1 31	1 14	11 24	2 16	17 4	0 10	23 5	0 20	21 51	0 13	0 6	0 43	1 28			n.a.
T 27	19 4	14 22	3 58	13 35	4 5	25 50	2 11	23 56	1 25	1 36	1 14	11 23	2 16	17 3	0 10	23 5	0 20	21 52	0 13	0 8	0 44	1 26			n.a.
W28	19 19	16 54	4 38	13 22	4 10	25 45	2 10	23 51	1 24	1 41	1 15	11 22	2 17	17 3	0 10	23 4	0 20	21 52	0 13	0 12	0 45	1 24			n.a.
T 29	19 32	18 21	5 1	13 11	4 15	25 40	2 9	23 45	1 24	1 45	1 15	11 21	2 17	17 2	0 10	23 4	0 20	21 52	0 13	0 15	0 47	1 22			n.a.
F 30	19 46	18 42	5 5	13 2	4 17	25 34	2 8	23 39	1 23	1 50	1 15	11 20	2 17	17 1	0 10	23 4	0 20	21 53	0 13	0 19	0 48	1 20			n.a.
S 31	19n59	18n 1	4s53	12n55	4s19	25n27	2n 6	23n33	1n22	1n54	1s15	11s19	2s17	17s 1	0n10	23n 4	0n20	21n53	0s13	0n22	0n49	1n18			n.a.

Julian Day Number = 1342413.5, Delta T = 07h14m34s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°24'02, Lahiri = -18°17'02 Julian Calendar 1 May 1038 BCE == Greg. Calendar 21 Apr. 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

JUNE 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 56 12	28♉46'48	28♋42	16°R20	12♋11	21♋19	7♈45	6♓43	16°R55	16♋57	8♊40	29°R 0	27♍55	26♍34	n.a.	S 1
M 2	16 0 9	29°43'55	11♌11	16♉11	13°16	21°55	7°56	6°46	16♏53	16°59	8°42	28♍56	27°52	26°41	n.a.	M 2
T 3	16 4 6	0♊41'01	23°22	16°D 6	14°22	22°31	8° 7	6°49	16°51	17° 0	8°44	28°54	27°49	26°47	n.a.	T 3
W 4	16 8 2	1°38'07	5♍20	16° 7	15°27	23° 7	8°18	6°52	16°48	17° 2	8°45	28°D54	27°45	26°54	n.a.	W 4
T 5	16 11 59	2°35'14	17°11	16°12	16°32	23°44	8°29	6°55	16°46	17° 4	8°47	28°54	27°42	27° 1	n.a.	T 5
F 6	16 15 55	3°32'21	28°59	16°23	17°37	24°20	8°40	6°57	16°44	17° 5	8°48	28°R55	27°39	27° 7	n.a.	F 6
S 7	16 19 52	4°29'28	10♎50	16°39	18°41	24°56	8°51	6°59	16°41	17° 7	8°50	28°54	27°36	27°14	n.a.	S 7
S 8	16 23 48	5°26'35	22°48	17° 1	19°46	25°33	9° 2	7° 2	16°39	17° 9	8°51	28°51	27°33	27°21	n.a.	S 8
M 9	16 27 45	6°23'42	4♏57	17°28	20°50	26° 9	9°12	7° 4	16°37	17°11	8°53	28°46	27°29	27°27	n.a.	M 9
T 10	16 31 41	7°20'50	17°20	18° 0	21°54	26°46	9°23	7° 6	16°35	17°12	8°55	28°39	27°26	27°34	n.a.	T 10
W11	16 35 38	8°17'59	29°59	18°38	22°57	27°22	9°33	7° 8	16°32	17°14	8°56	28°29	27°23	27°41	n.a.	W11
T 12	16 39 35	9°15'08	12♐54	19°21	24° 1	27°59	9°43	7°10	16°30	17°16	8°58	28°18	27°20	27°47	n.a.	T 12
F 13	16 43 31	10°12'17	26° 4	20° 9	25° 4	28°36	9°53	7°12	16°28	17°18	8°59	28° 7	27°17	27°54	n.a.	F 13
S 14	16 47 28	11° 9'28	9♑28	21° 3	26° 7	29°13	10° 4	7°14	16°26	17°20	9° 1	27°56	27°14	28° 1	n.a.	S 14
S 15	16 51 24	12° 6'39	23° 4	22° 2	27°10	29°50	10°13	7°15	16°24	17°22	9° 3	27°47	27°10	28° 7	n.a.	S 15
M16	16 55 21	13° 3'52	6♒49	23° 6	28°12	0♌27	10°23	7°17	16°22	17°24	9° 4	27°40	27° 7	28°14	n.a.	M16
T 17	16 59 17	14° 1'05	20°42	24°15	29°14	1° 4	10°33	7°18	16°20	17°25	9° 6	27°36	27° 4	28°21	n.a.	T 17
W18	17 3 14	14°58'19	4♓41	25°28	0♌16	1°41	10°43	7°20	16°18	17°27	9° 7	27°34	27° 1	28°27	n.a.	W18
T 19	17 7 11	15°55'34	18°46	26°47	1°18	2°18	10°52	7°21	16°16	17°29	9° 9	27°D34	26°58	28°34	n.a.	T 19
F 20	17 11 7	16°52'51	2♈55	28°10	2°19	2°55	11° 2	7°22	16°14	17°31	9°10	27°R34	26°54	28°40	n.a.	F 20
S 21	17 15 4	17°50'09	17° 8	29°38	3°20	3°33	11°11	7°23	16°12	17°33	9°12	27°33	26°51	28°47	n.a.	S 21
S 22	17 19 0	18°47'28	1♉22	1♊10	4°21	4°10	11°20	7°24	16°10	17°35	9°14	27°30	26°48	28°54	n.a.	S 22
M23	17 22 57	19°44'48	15°35	2°46	5°22	4°47	11°29	7°25	16° 8	17°37	9°15	27°24	26°45	29° 0	n.a.	M23
T 24	17 26 53	20°42'09	29°43	4°27	6°22	5°25	11°38	7°26	16° 6	17°39	9°17	27°16	26°42	29° 7	n.a.	T 24
W25	17 30 50	21°39'32	13♊41	6°11	7°22	6° 2	11°47	7°26	16° 4	17°41	9°18	27° 5	26°39	29°14	n.a.	W25
T 26	17 34 46	22°36'56	27°25	7°58	8°21	6°40	11°55	7°27	16° 2	17°43	9°20	26°53	26°35	29°20	n.a.	T 26
F 27	17 38 43	23°34'20	10♋51	9°49	9°20	7°18	12° 4	7°27	16° 0	17°45	9°21	26°41	26°32	29°27	n.a.	F 27
S 28	17 42 40	24°31'46	23°57	11°42	10°19	7°56	12°12	7°27	15°59	17°47	9°23	26°30	26°29	29°34	n.a.	S 28
S 29	17 46 36	25°29'13	6♌43	13°38	11°17	8°33	12°20	7°28	15°57	17°50	9°25	26°21	26°26	29°40	n.a.	S 29
M30	17 50 33	26♊26'41	19♌ 9	15♊36	12♌15	9♌11	12♈29	7°R28	15♏55	17♋52	9♊26	26♍14	26♍23	29♍47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n12	16n24	4s26	12n52	4s18	25n19	2n 5	23n27	1n22	1n59	1s15	11s18	2s18	17s 0	0n10	23n 4	0n20	21n53	0s13	0n24	0n51	1n16		n.a.
M 2	20 25	14 3	3 47	12 50	4 17	25 11	2 3	23 20	1 21	2 3	1 15	11 18	2 18	16 59	0 10	23 3	0 21	21 53	0 13	0 26	0 52	1 15		n.a.
T 3	20 37	11 8	2 58	12 52	4 14	25 2	2 1	23 14	1 21	2 7	1 15	11 17	2 18	16 59	0 10	23 3	0 21	21 54	0 13	0 27	0 53	1 13		n.a.
W 4	20 49	7 48	2 3	12 56	4 10	24 53	2 0	23 7	1 20	2 12	1 15	11 16	2 19	16 58	0 10	23 3	0 21	21 54	0 13	0 27	0 54	1 11		n.a.
T 5	21 0	4 11	1 2	13 2	4 5	24 43	1 57	23 0	1 19	2 16	1 16	11 15	2 19	16 57	0 10	23 3	0 21	21 54	0 12	0 26	0 56	1 9		n.a.
F 6	21 12	0 25	0n 0	13 11	3 59	24 32	1 55	22 53	1 19	2 20	1 16	11 15	2 19	16 57	0 10	23 3	0 21	21 55	0 12	0 26	0 57	1 7		n.a.
S 7	21 22	3s23	1 3	13 23	3 51	24 21	1 53	22 46	1 18	2 24	1 16	11 14	2 19	16 56	0 10	23 2	0 21	21 55	0 12	0 27	0 58	1 5		n.a.
S 8	21 33	7 5	2 4	13 37	3 43	24 9	1 51	22 38	1 18	2 28	1 16	11 13	2 20	16 55	0 10	23 2	0 21	21 55	0 12	0 28	1 0	1 3		n.a.
M 9	21 43	10 33	3 0	13 53	3 34	23 57	1 48	22 31	1 17	2 32	1 16	11 13	2 20	16 55	0 10	23 2	0 21	21 56	0 12	0 30	1 1	1 1		n.a.
T 10	21 53	13 38	3 48	14 12	3 24	23 44	1 45	22 23	1 16	2 37	1 16	11 12	2 20	16 54	0 10	23 2	0 21	21 56	0 12	0 33	1 2	1 0		n.a.
W11	22 2	16 8	4 26	14 33	3 14	23 31	1 42	22 15	1 16	2 41	1 16	11 12	2 21	16 53	0 10	23 1	0 21	21 56	0 12	0 37	1 3	0 58		n.a.
T 12	22 11	17 53	4 51	14 55	3 2	23 17	1 40	22 7	1 15	2 44	1 16	11 11	2 21	16 53	0 10	23 1	0 21	21 57	0 12	0 41	1 5	0 56		n.a.
F 13	22 20	18 44	5 2	15 19	2 51	23 2	1 36	21 59	1 15	2 48	1 17	11 11	2 21	16 52	0 10	23 1	0 21	21 57	0 12	0 46	1 6	0 54		n.a.
S 14	22 28	18 33	4 56	15 46	2 38	22 47	1 33	21 50	1 14	2 52	1 17	11 10	2 21	16 52	0 10	23 1	0 21	21 57	0 12	0 50	1 7	0 52		n.a.
S 15	22 36	17 19	4 34	16 13	2 26	22 31	1 30	21 42	1 13	2 56	1 17	11 10	2 22	16 51	0 10	23 1	0 21	21 57	0 12	0 54	1 8	0 50		n.a.
M16	22 43	15 4	3 55	16 42	2 13	22 15	1 26	21 33	1 13	3 0	1 17	11 10	2 22	16 50	0 10	23 0	0 21	21 58	0 12	0 57	1 10	0 48		n.a.
T 17	22 51	11 57	3 2	17 12	2 0	21 59	1 23	21 25	1 12	3 4	1 17	11 9	2 22	16 50	0 10	23 0	0 21	21 58	0 12	0 58	1 11	0 46		n.a.
W18	22 57	8 7	1 58	17 43	1 46	21 42	1 19	21 16	1 12	3 7	1 17	11 9	2 23	16 49	0 10	23 0	0 21	21 58	0 12	0 59	1 12	0 45		n.a.
T 19	23 4	3 48	0 47	18 15	1 33	21 24	1 15	21 6	1 11	3 11	1 18	11 9	2 23	16 49	0 10	23 0	0 21	21 59	0 12	0 59	1 14	0 43		n.a.
F 20	23 9	0n45	0s28	18 47	1 19	21 6	1 11	20 57	1 10	3 14	1 18	11 9	2 23	16 48	0 10	22 59	0 21	21 59	0 12	0 59	1 15	0 41		n.a.
S 21	23 15	5 16	1 42	19 20	1 5	20 48	1 7	20 48	1 10	3 18	1 18	11 9	2 24	16 47	0 10	22 59	0 21	21 59	0 11	0 59	1 16	0 39		n.a.
S 22	23 20	9 30	2 49	19 52	0 52	20 29	1 2	20 38	1 9	3 21	1 18	11 9	2 24	16 47	0 9	22 59	0 21	22 0	0 11	1 1	1 17	0 37		n.a.
M23	23 25	13 11	3 45	20 25	0 39	20 10	0 58	20 28	1 9	3 25	1 18	11 9	2 24	16 46	0 9	22 59	0 21	22 0	0 11	1 3	1 19	0 35		n.a.
T 24	23 29	16 3	4 27	20 57	0 26	19 50	0 53	20 19	1 8	3 28	1 18	11 9	2 24	16 46	0 9	22 58	0 21	22 0	0 11	1 6	1 20	0 33		n.a.
W25	23 33	17 58	4 53	21 28	0 13	19 30	0 48	20 9	1 7	3 32	1 18	11 9	2 25	16 45	0 9	22 58	0 21	22 1	0 11	1 11	1 21	0 31		n.a.
T 26	23 36	18 47	5 1	21 58	0 1	19 10	0 43	19 58	1 7	3 35	1 19	11 9	2 25	16 45	0 9	22 58	0 21	22 1	0 11	1 16	1 23	0 30		n.a.
F 27	23 39	18 31	4 52	22 27	0n11	18 49	0 38	19 48	1 6	3 38	1 19	11 9	2 25	16 44	0 9	22 57	0 21	22 1	0 11	1 20	1 24	0 28		n.a.
S 28	23 42	17 16	4 27	22 55	0 23	18 28	0 33	19 38	1 5	3 41	1 19	11 9	2 26	16 44	0 9	22 57	0 21	22 1	0 11	1 25	1 25	0 26		n.a.
S 29	23 44	15 11	3 50	23 21	0 33	18 6	0 28	19 27	1 5	3 44	1 19	11 9	2 26	16 43	0 9	22 57	0 21	22 2	0 11	1 28	1 26	0 24		n.a.
M30	23n46	12n26	3s 3	23n45	0n44	17n45	0n22	19n16	1n 4	3n47	1s19	11s10	2s26	16s43	0n 9	22n57	0n21	22n 2	0s11	1n31	1n28	0n22		n.a.

Julian Day Number = 1342444.5, Delta T = 07h14m33s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'58, Lahiri = -18°16'58 Julian Calendar 1 June 1038 BCE == Greg. Calendar 22 May 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

JULY 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 54 29	27♊24'09	1♍19	17♊36	13♌13	9♌49	12♈37	7°R28	15°R54	17♋54	9♊28	26°R11	26♍20	29♍54	n.a.	T 1
W 2	17 58 26	28°21'39	13°16	19°37	14°10	10°27	12°44	7♓28	15♏52	17°56	9°29	26♍ 9	26°16	0♎ 0	n.a.	W 2
T 3	18 2 22	29°19'09	25° 7	21°39	15° 6	11° 5	12°52	7°27	15°51	17°58	9°31	26° 9	26°13	0° 7	n.a.	T 3
F 4	18 6 19	0♋16'41	6♎55	23°42	16° 2	11°44	13° 0	7°27	15°49	18° 0	9°32	26° 9	26°10	0°14	n.a.	F 4
S 5	18 10 15	1°14'14	18°47	25°45	16°58	12°22	13° 7	7°27	15°48	18° 2	9°34	26° 8	26° 7	0°20	n.a.	S 5
S 6	18 14 12	2°11'47	0♏48	27°48	17°53	13° 0	13°14	7°26	15°46	18° 4	9°35	26° 5	26° 4	0°27	n.a.	S 6
M 7	18 18 9	3° 9'22	13° 2	29°52	18°48	13°38	13°21	7°25	15°45	18° 7	9°37	26° 0	26° 0	0°33	n.a.	M 7
T 8	18 22 5	4° 6'59	25°34	1♋54	19°42	14°17	13°28	7°25	15°43	18° 9	9°38	25°53	25°57	0°40	n.a.	T 8
W 9	18 26 2	5° 4'36	8♐25	3°57	20°36	14°55	13°35	7°24	15°42	18°11	9°40	25°43	25°54	0°47	n.a.	W 9
T 10	18 29 58	6° 2'15	21°37	5°58	21°29	15°34	13°42	7°23	15°41	18°13	9°41	25°31	25°51	0°53	n.a.	T 10
F 11	18 33 55	6°59'55	5♑ 8	7°59	22°21	16°12	13°48	7°22	15°40	18°15	9°42	25°19	25°48	1° 0	n.a.	F 11
S 12	18 37 51	7°57'37	18°56	9°59	23°13	16°51	13°55	7°21	15°38	18°17	9°44	25° 8	25°45	1° 7	n.a.	S 12
S 13	18 41 48	8°55'20	2♒57	11°57	24° 4	17°30	14° 1	7°19	15°37	18°20	9°45	24°58	25°41	1°13	n.a.	S 13
M14	18 45 44	9°53'05	17° 6	13°55	24°55	18° 9	14° 7	7°18	15°36	18°22	9°47	24°51	25°38	1°20	n.a.	M14
T 15	18 49 41	10°50'52	1♓19	15°51	25°45	18°47	14°13	7°16	15°35	18°24	9°48	24°47	25°35	1°27	n.a.	T 15
W16	18 53 38	11°48'40	15°33	17°46	26°34	19°26	14°19	7°15	15°34	18°26	9°49	24°46	25°32	1°33	n.a.	W16
T 17	18 57 34	12°46'30	29°45	19°39	27°22	20° 5	14°24	7°13	15°33	18°29	9°51	24°D45	25°29	1°40	n.a.	T 17
F 18	19 1 31	13°44'23	13♈53	21°32	28°10	20°44	14°30	7°11	15°32	18°31	9°52	24°R46	25°26	1°47	n.a.	F 18
S 19	19 5 27	14°42'17	27°57	23°23	28°57	21°23	14°35	7°10	15°31	18°33	9°54	24°45	25°22	1°53	n.a.	S 19
S 20	19 9 24	15°40'13	11♉55	25°12	29°43	22° 3	14°40	7° 8	15°30	18°35	9°55	24°42	25°19	2° 0	n.a.	S 20
M21	19 13 20	16°38'12	25°46	27° 1	0♍28	22°42	14°45	7° 6	15°30	18°37	9°56	24°37	25°16	2° 6	n.a.	M21
T 22	19 17 17	17°36'12	9♊30	28°48	1°12	23°21	14°50	7° 3	15°29	18°40	9°58	24°30	25°13	2°13	n.a.	T 22
W23	19 21 13	18°34'15	23° 3	0♌34	1°56	24° 0	14°54	7° 1	15°28	18°42	9°59	24°20	25°10	2°20	n.a.	W23
T 24	19 25 10	19°32'19	6♋23	2°18	2°38	24°40	14°59	6°59	15°28	18°44	10° 0	24° 9	25° 6	2°26	n.a.	T 24
F 25	19 29 7	20°30'25	19°29	4° 1	3°20	25°19	15° 3	6°56	15°27	18°46	10° 1	23°58	25° 3	2°33	n.a.	F 25
S 26	19 33 3	21°28'33	2♌19	5°43	4° 0	25°59	15° 7	6°54	15°27	18°49	10° 3	23°48	25° 0	2°40	n.a.	S 26
S 27	19 37 0	22°26'43	14°54	7°24	4°40	26°38	15°11	6°51	15°26	18°51	10° 4	23°40	24°57	2°46	n.a.	S 27
M28	19 40 56	23°24'54	27°12	9° 4	5°18	27°18	15°14	6°48	15°26	18°53	10° 5	23°35	24°54	2°53	n.a.	M28
T 29	19 44 53	24°23'07	9♍18	10°42	5°55	27°58	15°18	6°46	15°25	18°55	10° 6	23°31	24°51	3° 0	n.a.	T 29
W30	19 48 49	25°21'22	21°13	12°19	6°31	28°38	15°21	6°43	15°25	18°57	10° 8	23°D30	24°47	3° 6	n.a.	W30
T 31	19 52 46	26♋19'39	3♎ 2	13♌55	7♍ 6	29♌18	15♈24	6♓40	15♏25	19♋ 0	10♊ 9	23♍30	24♍44	3♎13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n47	9n12	2s 8	24n 6	0n53	17n23	0n16	19n 5	1n 4	3n50	1s20	11s10	2s26	16s42	0n 9	22n56	0n21	22n 2	0s11	1n33	1n29	0n20			n.a.
W 2	23 48	5 38	1 8	24 26	1 2	17 1	0 11	18 54	1 3	3 53	1 20	11 10	2 27	16 42	0 9	22 56	0 21	22 3	0 11	1 33	1 30	0 18			n.a.
T 3	23 49	1 53	0 6	24 42	1 10	16 38	0 5	18 43	1 2	3 56	1 20	11 10	2 27	16 41	0 9	22 56	0 21	22 3	0 11	1 33	1 32	0 16			n.a.
F 4	23 49	1s55	0n57	24 57	1 17	16 15	0s 1	18 32	1 2	3 59	1 20	11 11	2 27	16 41	0 9	22 56	0 21	22 3	0 11	1 33	1 33	0 15			n.a.
S 5	23 49	5 40	1 57	25 8	1 23	15 52	0 8	18 20	1 1	4 2	1 20	11 11	2 28	16 41	0 9	22 55	0 21	22 3	0 11	1 34	1 34	0 13			n.a.
S 6	23 48	9 14	2 53	25 17	1 29	15 29	0 14	18 9	1 1	4 4	1 20	11 12	2 28	16 40	0 9	22 55	0 21	22 4	0 11	1 35	1 35	0 11			n.a.
M 7	23 47	12 29	3 41	25 23	1 34	15 6	0 21	17 57	1 0	4 7	1 21	11 12	2 28	16 40	0 9	22 55	0 21	22 4	0 11	1 37	1 37	0 9			n.a.
T 8	23 45	15 14	4 21	25 26	1 38	14 42	0 27	17 45	0 59	4 10	1 21	11 13	2 29	16 39	0 9	22 54	0 21	22 4	0 10	1 40	1 38	0 7			n.a.
W 9	23 43	17 19	4 48	25 27	1 41	14 19	0 34	17 33	0 59	4 12	1 21	11 13	2 29	16 39	0 9	22 54	0 21	22 5	0 10	1 44	1 39	0 5			n.a.
T 10	23 41	18 33	5 1	25 25	1 44	13 55	0 41	17 21	0 58	4 15	1 21	11 14	2 29	16 39	0 9	22 54	0 21	22 5	0 10	1 48	1 40	0 3			n.a.
F 11	23 38	18 46	4 57	25 20	1 46	13 31	0 48	17 8	0 58	4 17	1 21	11 15	2 29	16 38	0 9	22 54	0 21	22 5	0 10	1 53	1 42	0 1			n.a.
S 12	23 34	17 54	4 36	25 13	1 47	13 7	0 56	16 56	0 57	4 19	1 22	11 15	2 30	16 38	0 9	22 53	0 21	22 5	0 10	1 58	1 43	0s 0			n.a.
S 13	23 31	15 57	3 58	25 4	1 48	12 43	1 3	16 43	0 56	4 22	1 22	11 16	2 30	16 38	0 9	22 53	0 21	22 6	0 10	2 2	1 44	0 2			n.a.
M14	23 26	13 1	3 6	24 52	1 48	12 19	1 11	16 31	0 56	4 24	1 22	11 17	2 30	16 37	0 9	22 53	0 21	22 6	0 10	2 4	1 46	0 4			n.a.
T 15	23 22	9 17	2 1	24 38	1 47	11 54	1 19	16 18	0 55	4 26	1 22	11 18	2 31	16 37	0 9	22 52	0 21	22 6	0 10	2 6	1 47	0 6			n.a.
W16	23 17	5 2	0 49	24 22	1 46	11 30	1 27	16 5	0 54	4 28	1 22	11 19	2 31	16 37	0 9	22 52	0 21	22 7	0 10	2 7	1 48	0 8			n.a.
T 17	23 11	0 30	0s27	24 4	1 45	11 6	1 35	15 52	0 54	4 30	1 23	11 20	2 31	16 37	0 9	22 52	0 21	22 7	0 10	2 7	1 49	0 10			n.a.
F 18	23 6	4n 2	1 40	23 45	1 42	10 41	1 43	15 39	0 53	4 32	1 23	11 20	2 31	16 36	0 9	22 51	0 21	22 7	0 10	2 7	1 51	0 12			n.a.
S 19	22 59	8 19	2 47	23 24	1 40	10 17	1 51	15 25	0 53	4 34	1 23	11 21	2 32	16 36	0 9	22 51	0 21	22 7	0 10	2 7	1 52	0 14			n.a.
S 20	22 53	12 7	3 43	23 1	1 37	9 53	2 0	15 12	0 52	4 36	1 23	11 22	2 32	16 36	0 9	22 51	0 21	22 8	0 10	2 8	1 53	0 15			n.a.
M21	22 46	15 12	4 26	22 36	1 33	9 29	2 9	14 58	0 51	4 37	1 23	11 23	2 32	16 36	0 9	22 51	0 21	22 8	0 10	2 10	1 55	0 17			n.a.
T 22	22 38	17 24	4 53	22 11	1 29	9 5	2 17	14 45	0 51	4 39	1 24	11 25	2 32	16 35	0 9	22 50	0 21	22 8	0 10	2 13	1 56	0 19			n.a.
W23	22 30	18 35	5 3	21 44	1 25	8 41	2 26	14 31	0 50	4 40	1 24	11 26	2 33	16 35	0 9	22 50	0 21	22 8	0 10	2 17	1 57	0 21			n.a.
T 24	22 22	18 43	4 56	21 15	1 20	8 17	2 35	14 17	0 49	4 42	1 24	11 27	2 33	16 35	0 9	22 50	0 21	22 9	0 9	2 21	1 58	0 23			n.a.
F 25	22 13	17 51	4 34	20 46	1 15	7 53	2 45	14 3	0 49	4 43	1 24	11 28	2 33	16 35	0 9	22 49	0 21	22 9	0 9	2 26	2 0	0 25			n.a.
S 26	22 4	16 5	3 58	20 16	1 10	7 30	2 54	13 49	0 48	4 45	1 24	11 29	2 33	16 35	0 9	22 49	0 21	22 9	0 9	2 30	2 1	0 27			n.a.
S 27	21 55	13 35	3 11	19 45	1 4	7 6	3 4	13 34	0 48	4 46	1 25	11 30	2 34	16 35	0 9	22 49	0 21	22 9	0 9	2 33	2 2	0 29			n.a.
M28	21 45	10 30	2 16	19 13	0 58	6 43	3 13	13 20	0 47	4 47	1 25	11 32	2 34	16 35	0 9	22 48	0 21	22 10	0 9	2 35	2 4	0 30			n.a.
T 29	21 35	7 3	1 16	18 40	0 52	6 21	3 23	13 5	0 46	4 49	1 25	11 33	2 34	16 34	0 9	22 48	0 21	22 10	0 9	2 37	2 5	0 32			n.a.
W30	21 24	3 21	0 12	18 6	0 46	5 58	3 33	12 51	0 46	4 50	1 25	11 34	2 34	16 34	0 9	22 48	0 21	22 10	0 9	2 37	2 6	0 34			n.a.
T 31	21n13	0s27	0n51	17n32	0n39	5n36	3s43	12n36	0n45	4n51	1s26	11s36	2s35	16s34	0n 9	22n48	0n21	22n10	0s 9	2n37	2n 7	0s36			n.a.

Julian Day Number = 1342474.5, Delta T = 07h14m31s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'54, Lahiri = -18°16'54 Julian Calendar 1 July 1038 BCE == Greg. Calendar 21 June 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

AUGUST 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 56 42	27♋17'57	14♎49	15♌29	7♍39	29♌57	15♈27	6°R37	15°R24	19♋ 2	10♊10	23♍31	24♍41	3♎20	n.a.	F 1
S 2	20 0 39	28°16'17	26°41	17° 3	8°11	0♍37	15°30	6♓34	15♏24	19° 4	10°11	23°R32	24°38	3°26	n.a.	S 2
S 3	20 4 36	29°14'38	8♏41	18°35	8°42	1°17	15°32	6°30	15°24	19° 6	10°12	23°31	24°35	3°33	n.a.	S 3
M 4	20 8 32	0♌13'02	20°56	20° 6	9°11	1°58	15°34	6°27	15°24	19° 8	10°13	23°29	24°32	3°40	n.a.	M 4
T 5	20 12 29	1°11'27	3♐30	21°36	9°39	2°38	15°37	6°24	15°D24	19°11	10°14	23°25	24°28	3°46	n.a.	T 5
W 6	20 16 25	2° 9'54	16°26	23° 5	10° 5	3°18	15°39	6°20	15°24	19°13	10°15	23°19	24°25	3°53	n.a.	W 6
T 7	20 20 22	3° 8'22	29°47	24°32	10°29	3°58	15°40	6°17	15°24	19°15	10°16	23°11	24°22	3°59	n.a.	T 7
F 8	20 24 18	4° 6'53	13♑32	25°58	10°52	4°39	15°42	6°13	15°24	19°17	10°18	23° 3	24°19	4° 6	n.a.	F 8
S 9	20 28 15	5° 5'26	27°38	27°23	11°13	5°19	15°43	6° 9	15°24	19°19	10°19	22°55	24°16	4°13	n.a.	S 9
S 10	20 32 11	6° 4'00	12♒ 2	28°47	11°32	5°59	15°44	6° 6	15°25	19°22	10°20	22°49	24°12	4°19	n.a.	S 10
M11	20 36 8	7° 2'37	26°36	0♍10	11°49	6°40	15°45	6° 2	15°25	19°24	10°21	22°44	24° 9	4°26	n.a.	M11
T 12	20 40 4	8° 1'16	11♓15	1°31	12° 4	7°21	15°46	5°58	15°25	19°26	10°21	22°42	24° 6	4°33	n.a.	T 12
W13	20 44 1	8°59'57	25°52	2°51	12°18	8° 1	15°47	5°54	15°26	19°28	10°22	22°D41	24° 3	4°39	n.a.	W13
T 14	20 47 58	9°58'40	10♈22	4° 9	12°29	8°42	15°47	5°50	15°26	19°30	10°23	22°42	24° 0	4°46	n.a.	T 14
F 15	20 51 54	10°57'26	24°41	5°26	12°38	9°23	15°R47	5°46	15°26	19°32	10°24	22°43	23°57	4°53	n.a.	F 15
S 16	20 55 51	11°56'14	8♉48	6°42	12°45	10° 4	15°47	5°42	15°27	19°34	10°25	22°R44	23°53	4°59	n.a.	S 16
S 17	20 59 47	12°55'05	22°40	7°55	12°50	10°44	15°47	5°38	15°28	19°36	10°26	22°44	23°50	5° 6	n.a.	S 17
M18	21 3 44	13°53'58	6♊18	9° 8	12°52	11°25	15°46	5°33	15°28	19°38	10°27	22°42	23°47	5°13	n.a.	M18
T 19	21 7 40	14°52'54	19°43	10°18	12°R52	12° 6	15°46	5°29	15°29	19°41	10°28	22°38	23°44	5°19	n.a.	T 19
W20	21 11 37	15°51'52	2♋54	11°27	12°50	12°48	15°45	5°25	15°30	19°43	10°28	22°33	23°41	5°26	n.a.	W20
T 21	21 15 33	16°50'52	15°51	12°33	12°46	13°29	15°44	5°20	15°30	19°45	10°29	22°27	23°38	5°33	n.a.	T 21
F 22	21 19 30	17°49'55	28°36	13°38	12°39	14°10	15°43	5°16	15°31	19°47	10°30	22°20	23°34	5°39	n.a.	F 22
S 23	21 23 27	18°49'00	11♌ 7	14°40	12°30	14°51	15°41	5°11	15°32	19°49	10°31	22°15	23°31	5°46	n.a.	S 23
S 24	21 27 23	19°48'07	23°26	15°39	12°18	15°33	15°40	5° 7	15°33	19°51	10°31	22°10	23°28	5°53	n.a.	S 24
M25	21 31 20	20°47'16	5♍35	16°36	12° 4	16°14	15°38	5° 2	15°34	19°53	10°32	22° 8	23°25	5°59	n.a.	M25
T 26	21 35 16	21°46'28	17°33	17°30	11°48	16°56	15°36	4°58	15°35	19°55	10°33	22°D 6	23°22	6° 6	n.a.	T 26
W27	21 39 13	22°45'41	29°25	18°21	11°29	17°37	15°33	4°53	15°36	19°57	10°33	22° 6	23°18	6°12	n.a.	W27
T 28	21 43 9	23°44'56	11♎12	19° 9	11° 8	18°19	15°31	4°48	15°37	19°58	10°34	22° 8	23°15	6°19	n.a.	T 28
F 29	21 47 6	24°44'14	22°59	19°52	10°45	19° 0	15°28	4°44	15°39	20° 0	10°35	22° 9	23°12	6°26	n.a.	F 29
S 30	21 51 2	25°43'33	4♏49	20°32	10°20	19°42	15°26	4°39	15°40	20° 2	10°35	22°11	23° 9	6°32	n.a.	S 30
S 31	21 54 59	26♌42'54	16♏48	21♍ 7	9♍53	20♍24	15♈22	4♓34	15♏41	20♋ 4	10♊36	22♍12	23♍ 6	6♎39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n 2	4s13	1n52	16n57	0n32	5n14	3s53	12n21	0n44	4n52	1s26	11s37	2s35	16s34	0n 9	22n47	0n21	22n11	0s 9	2n37	2n 9	0s38		n.a.
S 2	20 50	7 50	2 49	16 22	0 25	4 52	4 3	12 6	0 44	4 52	1 26	11 38	2 35	16 34	0 9	22 47	0 21	22 11	0 9	2 36	2 10	0 40		n.a.
S 3	20 38	11 10	3 39	15 47	0 18	4 31	4 14	11 51	0 43	4 53	1 26	11 40	2 35	16 34	0 9	22 47	0 21	22 11	0 9	2 37	2 11	0 42		n.a.
M 4	20 25	14 6	4 20	15 11	0 11	4 11	4 24	11 36	0 43	4 54	1 26	11 41	2 36	16 34	0 9	22 46	0 21	22 11	0 9	2 38	2 12	0 44		n.a.
T 5	20 12	16 27	4 49	14 35	0 3	3 50	4 35	11 21	0 42	4 55	1 27	11 43	2 36	16 34	0 9	22 46	0 21	22 11	0 9	2 39	2 14	0 46		n.a.
W 6	19 59	18 3	5 5	13 58	0s 4	3 31	4 45	11 6	0 41	4 55	1 27	11 44	2 36	16 34	0 9	22 46	0 21	22 12	0 9	2 42	2 15	0 47		n.a.
T 7	19 46	18 43	5 6	13 21	0 12	3 12	4 56	10 50	0 41	4 56	1 27	11 46	2 36	16 34	0 9	22 45	0 21	22 12	0 9	2 45	2 16	0 49		n.a.
F 8	19 32	18 20	4 48	12 45	0 20	2 53	5 7	10 35	0 40	4 56	1 27	11 47	2 36	16 34	0 9	22 45	0 21	22 12	0 9	2 48	2 18	0 51		n.a.
S 9	19 18	16 49	4 14	12 8	0 28	2 35	5 18	10 19	0 39	4 56	1 27	11 49	2 37	16 34	0 9	22 45	0 21	22 12	0 9	2 51	2 19	0 53		n.a.
S 10	19 3	14 14	3 22	11 31	0 36	2 18	5 28	10 3	0 39	4 57	1 28	11 50	2 37	16 34	0 9	22 45	0 21	22 12	0 8	2 54	2 20	0 55		n.a.
M11	18 48	10 42	2 17	10 54	0 44	2 1	5 39	9 47	0 38	4 57	1 28	11 52	2 37	16 35	0 9	22 44	0 21	22 13	0 8	2 56	2 21	0 57		n.a.
T 12	18 33	6 31	1 2	10 17	0 52	1 45	5 50	9 32	0 37	4 57	1 28	11 54	2 37	16 35	0 9	22 44	0 21	22 13	0 8	2 57	2 23	0 59		n.a.
W13	18 17	1 56	0s17	9 41	1 1	1 30	6 1	9 16	0 37	4 57	1 28	11 55	2 37	16 35	0 9	22 44	0 21	22 13	0 8	2 57	2 24	1 1		n.a.
T 14	18 1	2n43	1 35	9 4	1 9	1 16	6 12	9 0	0 36	4 57	1 29	11 57	2 38	16 35	0 9	22 43	0 21	22 13	0 8	2 56	2 25	1 2		n.a.
F 15	17 45	7 9	2 45	8 28	1 17	1 3	6 22	8 43	0 36	4 57	1 29	11 59	2 38	16 35	0 9	22 43	0 21	22 13	0 8	2 56	2 27	1 4		n.a.
S 16	17 29	11 7	3 44	7 52	1 25	0 50	6 33	8 27	0 35	4 57	1 29	12 0	2 38	16 35	0 9	22 43	0 21	22 14	0 8	2 56	2 28	1 6		n.a.
S 17	17 12	14 23	4 30	7 17	1 34	0 39	6 43	8 11	0 34	4 56	1 29	12 2	2 38	16 35	0 9	22 43	0 21	22 14	0 8	2 56	2 29	1 8		n.a.
M18	16 55	16 48	4 59	6 42	1 42	0 28	6 54	7 54	0 34	4 56	1 29	12 4	2 38	16 36	0 9	22 42	0 21	22 14	0 8	2 57	2 30	1 10		n.a.
T 19	16 38	18 15	5 11	6 8	1 50	0 19	7 4	7 38	0 33	4 55	1 30	12 6	2 38	16 36	0 9	22 42	0 21	22 14	0 8	2 58	2 32	1 12		n.a.
W20	16 20	18 41	5 6	5 34	1 58	0 11	7 14	7 21	0 32	4 55	1 30	12 7	2 39	16 36	0 9	22 42	0 21	22 14	0 8	3 0	2 33	1 14		n.a.
T 21	16 2	18 8	4 46	5 1	2 6	0 4	7 23	7 5	0 32	4 54	1 30	12 9	2 39	16 36	0 9	22 41	0 21	22 15	0 8	3 3	2 34	1 16		n.a.
F 22	15 44	16 40	4 12	4 29	2 14	0s 2	7 32	6 48	0 31	4 54	1 30	12 11	2 39	16 37	0 8	22 41	0 21	22 15	0 8	3 5	2 35	1 17		n.a.
S 23	15 25	14 25	3 26	3 58	2 21	0 7	7 41	6 31	0 30	4 53	1 30	12 13	2 39	16 37	0 8	22 41	0 21	22 15	0 8	3 7	2 37	1 19		n.a.
S 24	15 6	11 33	2 31	3 27	2 29	0 10	7 50	6 14	0 30	4 52	1 31	12 15	2 39	16 37	0 8	22 41	0 21	22 15	0 8	3 9	2 38	1 21		n.a.
M25	14 47	8 14	1 29	2 58	2 36	0 13	7 58	5 58	0 29	4 51	1 31	12 16	2 39	16 38	0 8	22 40	0 21	22 15	0 8	3 10	2 39	1 23		n.a.
T 26	14 28	4 37	0 25	2 31	2 43	0 13	8 6	5 41	0 28	4 50	1 31	12 18	2 39	16 38	0 8	22 40	0 21	22 15	0 8	3 11	2 41	1 25		n.a.
W27	14 9	0 51	0n40	2 4	2 50	0 13	8 13	5 24	0 28	4 49	1 31	12 20	2 39	16 38	0 8	22 40	0 21	22 16	0 7	3 11	2 42	1 27		n.a.
T 28	13 49	2s55	1 43	1 40	2 57	0 11	8 19	5 6	0 27	4 48	1 31	12 22	2 40	16 39	0 8	22 39	0 21	22 16	0 7	3 10	2 43	1 29		n.a.
F 29	13 29	6 34	2 42	1 17	3 3	0 8	8 25	4 49	0 26	4 47	1 31	12 24	2 40	16 39	0 8	22 39	0 21	22 16	0 7	3 10	2 44	1 31		n.a.
S 30	13 9	9 58	3 34	0 56	3 8	0 3	8 30	4 32	0 26	4 46	1 32	12 26	2 40	16 39	0 8	22 39	0 22	22 16	0 7	3 9	2 46	1 33		n.a.
S 31	12n48	13s 1	4n18	0n37	3s13	0n 3	8s34	4n15	0n25	4n44	1s32	12s27	2s40	16s40	0n 8	22n39	0n22	22n16	0s 7	3n 8	2n47	1s34		n.a.

Julian Day Number = 1342505.5, Delta T = 07h14m30s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'50, Lahiri = -18°16'49 Julian Calendar 1 Aug. 1038 BCE == Greg. Calendar 22 July 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

SEPTEMBER 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 58 55	27♌42'18	29♏ 1	21♍38	9°R24	21♍ 6	15°R19	4°R30	15♏43	20♋ 6	10♊36	22°R13	23♍ 3	6♎46	n.a.	M 1
T 2	22 2 52	28°41'43	11♐32	22° 3	8♍54	21°48	15♈16	4♓25	15°44	20° 8	10°37	22♍12	22°59	6°52	n.a.	T 2
W 3	22 6 49	29°41'10	24°25	22°22	8°22	22°30	15°12	4°20	15°45	20°10	10°37	22°10	22°56	6°59	n.a.	W 3
T 4	22 10 45	0♍40'39	7♑44	22°35	7°48	23°12	15° 8	4°15	15°47	20°11	10°38	22° 8	22°53	7° 6	n.a.	T 4
F 5	22 14 42	1°40'10	21°30	22°R42	7°14	23°54	15° 4	4°10	15°48	20°13	10°38	22° 5	22°50	7°12	n.a.	F 5
S 6	22 18 38	2°39'43	5♒42	22°41	6°38	24°36	15° 0	4° 6	15°50	20°15	10°38	22° 2	22°47	7°19	n.a.	S 6
S 7	22 22 35	3°39'18	20°16	22°33	6° 2	25°18	14°56	4° 1	15°52	20°17	10°39	22° 0	22°43	7°26	n.a.	S 7
M 8	22 26 31	4°38'55	5♓ 8	22°16	5°26	26° 0	14°51	3°56	15°53	20°18	10°39	21°58	22°40	7°32	n.a.	M 8
T 9	22 30 28	5°38'34	20° 9	21°51	4°49	26°43	14°47	3°51	15°55	20°20	10°40	21°D58	22°37	7°39	n.a.	T 9
W10	22 34 24	6°38'15	5♈10	21°18	4°13	27°25	14°42	3°46	15°57	20°22	10°40	21°58	22°34	7°46	n.a.	W10
T 11	22 38 21	7°37'59	20° 4	20°36	3°37	28° 7	14°37	3°42	15°59	20°23	10°40	21°59	22°31	7°52	n.a.	T 11
F 12	22 42 17	8°37'45	4♉43	19°45	3° 1	28°50	14°32	3°37	16° 1	20°25	10°40	22° 0	22°28	7°59	n.a.	F 12
S 13	22 46 14	9°37'33	19° 3	18°47	2°26	29°32	14°26	3°32	16° 2	20°27	10°41	22° 1	22°24	8° 6	n.a.	S 13
S 14	22 50 11	10°37'24	3♊ 2	17°43	1°52	0♎15	14°21	3°27	16° 4	20°28	10°41	22° 2	22°21	8°12	n.a.	S 14
M15	22 54 7	11°37'17	16°39	16°33	1°20	0°58	14°15	3°22	16° 6	20°30	10°41	22°R 2	22°18	8°19	n.a.	M15
T 16	22 58 4	12°37'13	29°55	15°19	0°49	1°40	14° 9	3°18	16° 8	20°31	10°41	22° 1	22°15	8°25	n.a.	T 16
W17	23 2 0	13°37'11	12♋52	14° 3	0°20	2°23	14° 3	3°13	16°11	20°33	10°41	22° 1	22°12	8°32	n.a.	W17
T 18	23 5 57	14°37'11	25°33	12°48	29♌52	3° 6	13°57	3° 8	16°13	20°34	10°41	22° 0	22° 9	8°39	n.a.	T 18
F 19	23 9 53	15°37'14	8♌ 0	11°36	29°26	3°49	13°51	3° 4	16°15	20°36	10°41	21°59	22° 5	8°45	n.a.	F 19
S 20	23 13 50	16°37'19	20°14	10°28	29° 3	4°32	13°44	2°59	16°17	20°37	10°42	21°58	22° 2	8°52	n.a.	S 20
S 21	23 17 46	17°37'25	2♍19	9°28	28°42	5°15	13°38	2°55	16°19	20°39	10°42	21°57	21°59	8°59	n.a.	S 21
M22	23 21 43	18°37'34	14°17	8°36	28°23	5°58	13°31	2°50	16°22	20°40	10°R42	21°57	21°56	9° 5	n.a.	M22
T 23	23 25 39	19°37'45	26° 9	7°54	28° 6	6°41	13°24	2°46	16°24	20°41	10°42	21°D57	21°53	9°12	n.a.	T 23
W24	23 29 36	20°37'58	7♎57	7°24	27°51	7°25	13°17	2°41	16°26	20°43	10°41	21°57	21°49	9°19	n.a.	W24
T 25	23 33 33	21°38'13	19°44	7° 4	27°39	8° 8	13°10	2°37	16°29	20°44	10°41	21°R57	21°46	9°25	n.a.	T 25
F 26	23 37 29	22°38'29	1♏33	6°D57	27°30	8°51	13° 3	2°32	16°31	20°45	10°41	21°57	21°43	9°32	n.a.	F 26
S 27	23 41 26	23°38'47	13°25	7° 1	27°23	9°35	12°56	2°28	16°34	20°47	10°41	21°57	21°40	9°39	n.a.	S 27
S 28	23 45 22	24°39'07	25°25	7°15	27°18	10°18	12°48	2°24	16°36	20°48	10°41	21°57	21°37	9°45	n.a.	S 28
M29	23 49 19	25°39'29	7♐37	7°40	27°D16	11° 2	12°41	2°19	16°39	20°49	10°41	21°56	21°34	9°52	n.a.	M29
T 30	23 53 15	26♍39'52	20♐ 4	8♍14	27♌16	11♎45	12♈33	2♓15	16♏41	20♋50	10♊41	21♍56	21♍30	9♎59	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n28	15s32	4n50	0n21	3s18	0n11	8s38	3n57	0n24	4n43	1s32	12s29	2s40	16s40	0n 8	22n38	0n22	22n16	0s 7	3n 8	2n48	1s36		n.a.
T 2	12 7	17 24	5 10	0 7	3 22	0 19	8 41	3 40	0 24	4 41	1 32	12 31	2 40	16 41	0 8	22 38	0 22	22 16	0 7	3 8	2 49	1 38		n.a.
W 3	11 46	18 27	5 15	0s 3	3 25	0 30	8 43	3 23	0 23	4 40	1 32	12 33	2 40	16 41	0 8	22 38	0 22	22 17	0 7	3 9	2 51	1 40		n.a.
T 4	11 24	18 32	5 4	0 10	3 27	0 41	8 44	3 5	0 22	4 38	1 33	12 35	2 40	16 41	0 8	22 38	0 22	22 17	0 7	3 10	2 52	1 42		n.a.
F 5	11 3	17 32	4 35	0 14	3 28	0 54	8 44	2 48	0 22	4 36	1 33	12 37	2 40	16 42	0 8	22 37	0 22	22 17	0 7	3 11	2 53	1 44		n.a.
S 6	10 41	15 27	3 49	0 14	3 28	1 7	8 43	2 30	0 21	4 35	1 33	12 38	2 40	16 42	0 8	22 37	0 22	22 17	0 7	3 12	2 55	1 46		n.a.
S 7	10 19	12 19	2 47	0 9	3 27	1 22	8 41	2 13	0 21	4 33	1 33	12 40	2 40	16 43	0 8	22 37	0 22	22 17	0 7	3 13	2 56	1 48		n.a.
M 8	9 57	8 21	1 32	0 0	3 24	1 38	8 39	1 55	0 20	4 31	1 33	12 42	2 40	16 43	0 8	22 37	0 22	22 17	0 7	3 14	2 57	1 49		n.a.
T 9	9 35	3 48	0 10	0n13	3 20	1 55	8 35	1 37	0 19	4 29	1 33	12 44	2 40	16 44	0 8	22 36	0 22	22 17	0 7	3 14	2 58	1 51		n.a.
W10	9 13	0n59	1s13	0 32	3 14	2 12	8 30	1 20	0 19	4 27	1 33	12 46	2 40	16 44	0 8	22 36	0 22	22 17	0 7	3 14	3 0	1 53		n.a.
T 11	8 50	5 39	2 30	0 56	3 7	2 30	8 25	1 2	0 18	4 25	1 34	12 48	2 40	16 45	0 8	22 36	0 22	22 17	0 7	3 14	3 1	1 55		n.a.
F 12	8 28	9 55	3 36	1 25	2 57	2 49	8 18	0 44	0 17	4 23	1 34	12 49	2 40	16 46	0 8	22 36	0 22	22 18	0 6	3 13	3 2	1 57		n.a.
S 13	8 5	13 29	4 27	1 58	2 45	3 8	8 11	0 26	0 17	4 20	1 34	12 51	2 40	16 46	0 8	22 35	0 22	22 18	0 6	3 13	3 4	1 59		n.a.
S 14	7 42	16 11	5 0	2 36	2 32	3 28	8 3	0 8	0 16	4 18	1 34	12 53	2 40	16 47	0 8	22 35	0 22	22 18	0 6	3 13	3 5	2 1		n.a.
M15	7 19	17 53	5 16	3 18	2 17	3 48	7 54	0s 9	0 15	4 16	1 34	12 55	2 40	16 47	0 8	22 35	0 22	22 18	0 6	3 13	3 6	2 3		n.a.
T 16	6 56	18 34	5 15	4 3	2 0	4 8	7 44	0 27	0 15	4 13	1 34	12 56	2 40	16 48	0 8	22 35	0 22	22 18	0 6	3 13	3 7	2 4		n.a.
W17	6 32	18 15	4 57	4 49	1 41	4 28	7 34	0 45	0 14	4 11	1 34	12 58	2 40	16 49	0 8	22 35	0 22	22 18	0 6	3 13	3 9	2 6		n.a.
T 18	6 9	17 2	4 25	5 36	1 21	4 47	7 23	1 3	0 13	4 8	1 34	13 0	2 40	16 49	0 8	22 34	0 22	22 18	0 6	3 13	3 10	2 8		n.a.
F 19	5 45	15 0	3 41	6 23	1 1	5 7	7 11	1 21	0 13	4 6	1 34	13 1	2 40	16 50	0 8	22 34	0 22	22 18	0 6	3 14	3 11	2 10		n.a.
S 20	5 22	12 19	2 47	7 8	0 41	5 26	6 59	1 39	0 12	4 3	1 34	13 3	2 40	16 51	0 8	22 34	0 22	22 18	0 6	3 14	3 12	2 12		n.a.
S 21	4 58	9 9	1 47	7 50	0 20	5 45	6 47	1 57	0 11	4 1	1 35	13 5	2 40	16 51	0 8	22 34	0 22	22 18	0 6	3 14	3 14	2 14		n.a.
M22	4 34	5 38	0 43	8 28	0 0	6 4	6 34	2 15	0 11	3 58	1 35	13 6	2 40	16 52	0 8	22 34	0 22	22 18	0 6	3 14	3 15	2 16		n.a.
T 23	4 10	1 55	0n23	9 2	0n19	6 22	6 21	2 33	0 10	3 55	1 35	13 8	2 40	16 53	0 8	22 33	0 22	22 18	0 6	3 14	3 16	2 18		n.a.
W24	3 46	1s52	1 28	9 30	0 37	6 39	6 8	2 51	0 9	3 52	1 35	13 10	2 40	16 53	0 8	22 33	0 22	22 18	0 6	3 14	3 18	2 19		n.a.
T 25	3 22	5 33	2 29	9 52	0 53	6 56	5 54	3 9	0 9	3 50	1 35	13 11	2 40	16 54	0 8	22 33	0 22	22 18	0 6	3 14	3 19	2 21		n.a.
F 26	2 58	9 2	3 23	10 9	1 8	7 12	5 41	3 27	0 8	3 47	1 35	13 13	2 40	16 55	0 8	22 33	0 22	22 18	0 6	3 14	3 20	2 23		n.a.
S 27	2 34	12 9	4 9	10 19	1 21	7 28	5 27	3 45	0 7	3 44	1 35	13 14	2 40	16 55	0 8	22 33	0 22	22 19	0 6	3 14	3 21	2 25		n.a.
S 28	2 9	14 49	4 45	10 25	1 33	7 42	5 13	4 3	0 7	3 41	1 35	13 16	2 40	16 56	0 8	22 33	0 22	22 19	0 5	3 15	3 23	2 27		n.a.
M29	1 45	16 51	5 8	10 24	1 42	7 56	4 59	4 20	0 6	3 38	1 35	13 17	2 40	16 57	0 8	22 32	0 22	22 19	0 5	3 15	3 24	2 29		n.a.
T 30	1n21	18s 9	5n18	10n19	1n51	8n 9	4s45	4s38	0n 5	3n35	1s35	13s19	2s40	16s58	0n 8	22n32	0n22	22n19	0s 5	3n15	3n25	2s31		n.a.

Julian Day Number = 1342536.5, Delta T = 07h14m28s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'46, Lahiri = -18°16'45 Julian Calendar 1 Sept. 1038 BCE == Greg. Calendar 22 Aug. 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

OCTOBER 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 57 12	27♍40'17	2♉51	8♍57	27♌19	12♎29	12°R25	2°R11	16♏44	20♋51	10°R40	21°D56	21♍27	10♎ 5	n.a.	W 1
T 2	0 1 8	28°40'43	16° 2	9°47	27°24	13°13	12♈18	2♓ 7	16°47	20°52	10♊40	21♍57	21°24	10°12	n.a.	T 2
F 3	0 5 5	29°41'11	29°38	10°44	27°31	13°56	12°10	2° 3	16°50	20°53	10°40	21°57	21°21	10°19	n.a.	F 3
S 4	0 9 2	0♎41'41	13♒41	11°47	27°41	14°40	12° 2	1°59	16°52	20°54	10°40	21°58	21°18	10°25	n.a.	S 4
S 5	0 12 58	1°42'11	28°11	12°55	27°53	15°24	11°54	1°55	16°55	20°55	10°39	21°59	21°14	10°32	n.a.	S 5
M 6	0 16 55	2°42'44	13♓ 3	14° 7	28° 6	16° 8	11°46	1°52	16°58	20°56	10°39	21°59	21°11	10°38	n.a.	M 6
T 7	0 20 51	3°43'18	28°11	15°23	28°22	16°52	11°38	1°48	17° 1	20°57	10°39	21°R59	21° 8	10°45	n.a.	T 7
W 8	0 24 48	4°43'53	13♈26	16°43	28°41	17°36	11°30	1°44	17° 4	20°58	10°38	21°59	21° 5	10°52	n.a.	W 8
T 9	0 28 44	5°44'30	28°38	18° 5	29° 1	18°20	11°22	1°41	17° 7	20°59	10°38	21°57	21° 2	10°58	n.a.	T 9
F 10	0 32 41	6°45'09	13♉37	19°29	29°23	19° 4	11°14	1°37	17°10	21° 0	10°37	21°56	20°59	11° 5	n.a.	F 10
S 11	0 36 37	7°45'50	28°16	20°56	29°46	19°48	11° 6	1°34	17°13	21° 1	10°37	21°54	20°55	11°12	n.a.	S 11
S 12	0 40 34	8°46'33	12♊29	22°24	0♍12	20°33	10°57	1°31	17°16	21° 1	10°36	21°52	20°52	11°18	n.a.	S 12
M13	0 44 31	9°47'17	26°15	23°53	0°39	21°17	10°49	1°27	17°19	21° 2	10°36	21°50	20°49	11°25	n.a.	M13
T 14	0 48 27	10°48'03	9♋34	25°24	1° 8	22° 1	10°41	1°24	17°22	21° 3	10°35	21°D50	20°46	11°32	n.a.	T 14
W15	0 52 24	11°48'52	22°29	26°55	1°39	22°46	10°33	1°21	17°25	21° 4	10°35	21°50	20°43	11°38	n.a.	W15
T 16	0 56 20	12°49'41	5♌ 2	28°27	2°11	23°30	10°25	1°18	17°28	21° 4	10°34	21°51	20°40	11°45	n.a.	T 16
F 17	1 0 17	13°50'33	17°19	29°59	2°45	24°15	10°17	1°15	17°31	21° 5	10°34	21°53	20°36	11°52	n.a.	F 17
S 18	1 4 13	14°51'26	29°23	1♎32	3°20	24°59	10° 8	1°12	17°34	21° 5	10°33	21°55	20°33	11°58	n.a.	S 18
S 19	1 8 10	15°52'20	11♍18	3° 6	3°57	25°44	10° 0	1°10	17°37	21° 6	10°32	21°56	20°30	12° 5	n.a.	S 19
M20	1 12 6	16°53'16	23° 8	4°39	4°35	26°28	9°52	1° 7	17°41	21° 6	10°32	21°R56	20°27	12°12	n.a.	M20
T 21	1 16 3	17°54'13	4♎56	6°13	5°14	27°13	9°44	1° 5	17°44	21° 7	10°31	21°56	20°24	12°18	n.a.	T 21
W22	1 19 59	18°55'12	16°43	7°47	5°54	27°58	9°36	1° 2	17°47	21° 7	10°30	21°53	20°20	12°25	n.a.	W22
T 23	1 23 56	19°56'12	28°33	9°21	6°36	28°43	9°28	1° 0	17°50	21° 8	10°29	21°50	20°17	12°32	n.a.	T 23
F 24	1 27 53	20°57'13	10♏27	10°55	7°19	29°28	9°20	0°58	17°54	21° 8	10°29	21°45	20°14	12°38	n.a.	F 24
S 25	1 31 49	21°58'15	22°26	12°30	8° 2	0♏13	9°12	0°55	17°57	21° 8	10°28	21°39	20°11	12°45	n.a.	S 25
S 26	1 35 46	22°59'18	4♐34	14° 4	8°47	0°58	9° 5	0°53	18° 0	21° 9	10°27	21°33	20° 8	12°52	n.a.	S 26
M27	1 39 42	24° 0'22	16°51	15°38	9°33	1°43	8°57	0°52	18° 4	21° 9	10°26	21°28	20° 5	12°58	n.a.	M27
T 28	1 43 39	25° 1'27	29°21	17°12	10°20	2°28	8°49	0°50	18° 7	21° 9	10°26	21°24	20° 1	13° 5	n.a.	T 28
W29	1 47 35	26° 2'33	12♉ 6	18°46	11° 8	3°13	8°42	0°48	18°11	21° 9	10°25	21°21	19°58	13°12	n.a.	W29
T 30	1 51 32	27° 3'39	25° 9	20°20	11°56	3°58	8°35	0°46	18°14	21°10	10°24	21°D20	19°55	13°18	n.a.	T 30
F 31	1 55 29	28♎ 4'46	8♒34	21♎54	12♍46	4♏43	8♈27	0♓45	18♏18	21♋10	10♊23	21♍21	19♍52	13♎25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0n56	18s35	5n12	10n 9	1n58	8n21	4s32	4s56	0n 5	3n32	1s35	13s20	2s39	16s59	0n 8	22n32	0n22	22n19	0s 5	3n15	3n26	2s33			n.a.
T 2	0 32	18 2	4 50	9 55	2 3	8 32	4 18	5 14	0 4	3 29	1 35	13 21	2 39	16 59	0 8	22 32	0 22	22 19	0 5	3 15	3 28	2 35			n.a.
F 3	0 8	16 27	4 12	9 37	2 7	8 42	4 4	5 32	0 3	3 26	1 35	13 23	2 39	17 0	0 8	22 32	0 22	22 19	0 5	3 14	3 29	2 36			n.a.
S 4	0s17	13 50	3 17	9 15	2 10	8 52	3 51	5 50	0 3	3 23	1 35	13 24	2 39	17 1	0 8	22 32	0 22	22 19	0 5	3 14	3 30	2 38			n.a.
S 5	0 41	10 17	2 9	8 50	2 12	9 0	3 38	6 8	0 2	3 20	1 35	13 25	2 39	17 2	0 8	22 32	0 22	22 19	0 5	3 14	3 32	2 40			n.a.
M 6	1 6	6 0	0 49	8 23	2 13	9 8	3 24	6 25	0 1	3 16	1 35	13 27	2 39	17 3	0 8	22 31	0 22	22 19	0 5	3 14	3 33	2 42			n.a.
T 7	1 30	1 15	0s34	7 53	2 12	9 14	3 11	6 43	0 1	3 13	1 35	13 28	2 39	17 3	0 8	22 31	0 22	22 19	0 5	3 14	3 34	2 44			n.a.
W 8	1 55	3n36	1 56	7 20	2 11	9 20	2 59	7 1	0s 0	3 10	1 35	13 29	2 39	17 4	0 8	22 31	0 22	22 19	0 5	3 14	3 35	2 46			n.a.
T 9	2 19	8 12	3 10	6 46	2 10	9 24	2 46	7 19	0 1	3 7	1 35	13 30	2 38	17 5	0 8	22 31	0 22	22 19	0 5	3 14	3 37	2 48			n.a.
F 10	2 43	12 13	4 9	6 10	2 8	9 28	2 34	7 36	0 1	3 4	1 35	13 31	2 38	17 6	0 8	22 31	0 22	22 19	0 5	3 15	3 38	2 50			n.a.
S 11	3 8	15 22	4 50	5 33	2 5	9 31	2 22	7 54	0 2	3 1	1 35	13 33	2 38	17 7	0 8	22 31	0 22	22 19	0 5	3 16	3 39	2 51			n.a.
S 12	3 32	17 29	5 12	4 55	2 1	9 33	2 10	8 11	0 3	2 57	1 35	13 34	2 38	17 8	0 8	22 31	0 22	22 19	0 5	3 17	3 40	2 53			n.a.
M13	3 56	18 30	5 16	4 15	1 57	9 34	1 58	8 29	0 3	2 54	1 34	13 35	2 38	17 9	0 8	22 31	0 23	22 19	0 5	3 17	3 42	2 55			n.a.
T 14	4 20	18 27	5 2	3 35	1 53	9 35	1 47	8 46	0 4	2 51	1 34	13 36	2 38	17 9	0 8	22 31	0 23	22 19	0 4	3 17	3 43	2 57			n.a.
W15	4 45	17 26	4 33	2 54	1 48	9 34	1 36	9 4	0 5	2 48	1 34	13 37	2 38	17 10	0 8	22 31	0 23	22 19	0 4	3 17	3 44	2 59			n.a.
T 16	5 9	15 34	3 51	2 12	1 43	9 32	1 25	9 21	0 5	2 45	1 34	13 38	2 37	17 11	0 8	22 30	0 23	22 19	0 4	3 17	3 45	3 1			n.a.
F 17	5 33	13 2	3 0	1 30	1 38	9 30	1 14	9 38	0 6	2 42	1 34	13 38	2 37	17 12	0 8	22 30	0 23	22 19	0 4	3 16	3 47	3 3			n.a.
S 18	5 57	9 59	2 1	0 47	1 32	9 27	1 4	9 56	0 7	2 38	1 34	13 39	2 37	17 13	0 8	22 30	0 23	22 19	0 4	3 15	3 48	3 5			n.a.
S 19	6 20	6 32	0 58	0 4	1 27	9 23	0 54	10 13	0 7	2 35	1 34	13 40	2 37	17 14	0 8	22 30	0 23	22 19	0 4	3 15	3 49	3 6			n.a.
M20	6 44	2 52	0n 7	0s39	1 21	9 18	0 44	10 30	0 8	2 32	1 34	13 41	2 37	17 15	0 8	22 30	0 23	22 19	0 4	3 15	3 51	3 8			n.a.
T 21	7 8	0s54	1 11	1 22	1 15	9 12	0 35	10 47	0 9	2 29	1 33	13 42	2 36	17 16	0 8	22 30	0 23	22 19	0 4	3 15	3 52	3 10			n.a.
W22	7 31	4 39	2 12	2 6	1 8	9 6	0 25	11 4	0 9	2 26	1 33	13 42	2 36	17 17	0 8	22 30	0 23	22 19	0 4	3 16	3 53	3 12			n.a.
T 23	7 55	8 12	3 8	2 49	1 2	8 59	0 16	11 21	0 10	2 23	1 33	13 43	2 36	17 18	0 8	22 30	0 23	22 18	0 4	3 17	3 54	3 14			n.a.
F 24	8 18	11 28	3 55	3 32	0 56	8 51	0 7	11 37	0 11	2 20	1 33	13 44	2 36	17 19	0 8	22 30	0 23	22 18	0 4	3 19	3 56	3 16			n.a.
S 25	8 41	14 16	4 33	4 16	0 49	8 42	0n 1	11 54	0 11	2 17	1 33	13 44	2 36	17 20	0 8	22 30	0 23	22 18	0 4	3 22	3 57	3 18			n.a.
S 26	9 4	16 29	4 59	4 59	0 42	8 33	0 10	12 11	0 12	2 14	1 33	13 45	2 35	17 21	0 8	22 30	0 23	22 18	0 4	3 24	3 58	3 20			n.a.
M27	9 27	17 59	5 11	5 42	0 36	8 23	0 18	12 27	0 13	2 11	1 32	13 45	2 35	17 22	0 8	22 30	0 23	22 18	0 4	3 26	3 59	3 21			n.a.
T 28	9 50	18 40	5 9	6 25	0 29	8 12	0 25	12 44	0 13	2 8	1 32	13 46	2 35	17 23	0 8	22 30	0 23	22 18	0 4	3 28	4 1	3 23			n.a.
W29	10 13	18 24	4 52	7 7	0 23	8 1	0 33	13 0	0 14	2 6	1 32	13 46	2 35	17 24	0 7	22 30	0 23	22 18	0 4	3 29	4 2	3 25			n.a.
T 30	10 35	17 11	4 20	7 49	0 16	7 49	0 40	13 16	0 15	2 3	1 32	13 46	2 35	17 25	0 7	22 30	0 23	22 18	0 3	3 29	4 3	3 27			n.a.
F 31	10s57	14s59	3n32	8s31	0n 9	7n36	0n48	13s32	0s15	2n 0	1s32	13s47	2s34	17s26	0n 7	22n30	0n23	22n18	0s 3	3n29	4n 5	3s29			n.a.

Julian Day Number = 1342566.5, Delta T = 07h14m27s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'41, Lahiri = -18°16'41 Julian Calendar 1 Oct. 1038 BCE == Greg. Calendar 21 Sept. 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

NOVEMBER 1038 BCE (-1037) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 59 25	29♎ 5'54	22♒23	23♎28	13♍36	5♏29	8°R20	0°R44	18♏21	21♋10	10°R22	21♍22	19♍49	13♎32	n.a.	S 1
S 2	2 3 22	0♏ 7'02	6♓36	25° 3	14°27	6°14	8♈13	0♓42	18°25	21°10	10♊21	21°24	19°45	13°38	n.a.	S 2
M 3	2 7 18	1° 8'10	21°13	26°37	15°19	6°59	8° 6	0°41	18°28	21°R10	10°20	21°R24	19°42	13°45	n.a.	M 3
T 4	2 11 15	2° 9'19	6♈ 9	28°11	16°12	7°45	7°59	0°40	18°32	21°10	10°19	21°23	19°39	13°52	n.a.	T 4
W 5	2 15 11	3°10'29	21°19	29°45	17° 5	8°30	7°52	0°39	18°35	21°10	10°18	21°21	19°36	13°58	n.a.	W 5
T 6	2 19 8	4°11'40	6♉32	1♏19	17°59	9°16	7°46	0°38	18°39	21°10	10°17	21°16	19°33	14° 5	n.a.	T 6
F 7	2 23 4	5°12'51	21°39	2°54	18°54	10° 1	7°39	0°37	18°42	21°10	10°16	21° 9	19°30	14°11	n.a.	F 7
S 8	2 27 1	6°14'03	6♊29	4°28	19°50	10°47	7°33	0°37	18°46	21°10	10°15	21° 2	19°26	14°18	n.a.	S 8
S 9	2 30 58	7°15'16	20°55	6° 2	20°46	11°32	7°27	0°36	18°49	21° 9	10°14	20°55	19°23	14°25	n.a.	S 9
M10	2 34 54	8°16'29	4♋53	7°37	21°42	12°18	7°21	0°36	18°53	21° 9	10°13	20°49	19°20	14°31	n.a.	M10
T 11	2 38 51	9°17'43	18°20	9°12	22°40	13° 4	7°15	0°36	18°56	21° 9	10°12	20°44	19°17	14°38	n.a.	T 11
W12	2 42 47	10°18'58	1♌20	10°47	23°37	13°50	7° 9	0°35	19° 0	21° 9	10°11	20°42	19°14	14°45	n.a.	W12
T 13	2 46 44	11°20'14	13°55	12°22	24°36	14°35	7° 4	0°D35	19° 4	21° 8	10°10	20°D42	19°11	14°51	n.a.	T 13
F 14	2 50 40	12°21'30	26°10	13°57	25°35	15°21	6°58	0°35	19° 7	21° 8	10° 9	20°42	19° 7	14°58	n.a.	F 14
S 15	2 54 37	13°22'47	8♍11	15°32	26°34	16° 7	6°53	0°36	19°11	21° 8	10° 8	20°44	19° 4	15° 5	n.a.	S 15
S 16	2 58 33	14°24'05	20° 2	17° 8	27°34	16°53	6°48	0°36	19°15	21° 7	10° 6	20°R44	19° 1	15°11	n.a.	S 16
M17	3 2 30	15°25'23	1♎49	18°44	28°34	17°39	6°43	0°36	19°18	21° 7	10° 5	20°43	18°58	15°18	n.a.	M17
T 18	3 6 27	16°26'41	13°36	20°20	29°35	18°25	6°38	0°37	19°22	21° 6	10° 4	20°40	18°55	15°25	n.a.	T 18
W19	3 10 23	17°28'00	25°25	21°56	0♎36	19°11	6°34	0°37	19°25	21° 6	10° 3	20°35	18°51	15°31	n.a.	W19
T 20	3 14 20	18°29'19	7♏20	23°33	1°37	19°57	6°30	0°38	19°29	21° 5	10° 2	20°27	18°48	15°38	n.a.	T 20
F 21	3 18 16	19°30'38	19°23	25° 9	2°39	20°43	6°25	0°39	19°33	21° 5	10° 1	20°16	18°45	15°45	n.a.	F 21
S 22	3 22 13	20°31'57	1♐34	26°46	3°42	21°29	6°22	0°40	19°36	21° 4	9°59	20° 4	18°42	15°51	n.a.	S 22
S 23	3 26 9	21°33'16	13°55	28°24	4°44	22°16	6°18	0°41	19°40	21° 3	9°58	19°52	18°39	15°58	n.a.	S 23
M24	3 30 6	22°34'35	26°26	0♐ 1	5°47	23° 2	6°14	0°42	19°44	21° 3	9°57	19°41	18°36	16° 5	n.a.	M24
T 25	3 34 2	23°35'54	9♑ 8	1°39	6°51	23°48	6°11	0°43	19°47	21° 2	9°56	19°31	18°32	16°11	n.a.	T 25
W26	3 37 59	24°37'13	22° 1	3°17	7°55	24°35	6° 8	0°45	19°51	21° 1	9°55	19°24	18°29	16°18	n.a.	W26
T 27	3 41 56	25°38'31	5♒ 9	4°55	8°59	25°21	6° 5	0°46	19°54	21° 0	9°53	19°19	18°26	16°25	n.a.	T 27
F 28	3 45 52	26°39'49	18°31	6°33	10° 3	26° 7	6° 2	0°48	19°58	21° 0	9°52	19°17	18°23	16°31	n.a.	F 28
S 29	3 49 49	27°41'06	2♓10	8°11	11° 8	26°54	5°59	0°50	20° 2	20°59	9°51	19°D17	18°20	16°38	n.a.	S 29
S 30	3 53 45	28♏42'23	16♓ 8	9♐49	12♎12	27♏40	5♈57	0♓51	20♏ 5	20♋58	9♊49	19°R17	18♍17	16♎45	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	11s19	11s53	2n32	9s13	0n 3	7n23	0n54	13s48	0s16	1n57	1s31	13s47	2s34	17s27	0n 7	22n30	0n23	22n18	0s 3	3n28		4n 6		3s31			n.a.
S 2	11 41	8 0	1 20	9 54	0s 4	7 9	1 1	14 4	0 17	1 55	1 31	13 47	2 34	17 28	0 7	22 30	0 23	22 18	0 3	3 28		4 7		3 33			n.a.
M 3	12 3	3 31	0 1	10 35	0 11	6 54	1 7	14 20	0 17	1 52	1 31	13 48	2 34	17 29	0 7	22 30	0 23	22 18	0 3	3 28		4 8		3 35			n.a.
T 4	12 25	1n16	1s19	11 16	0 17	6 39	1 14	14 36	0 18	1 50	1 31	13 48	2 34	17 30	0 7	22 30	0 23	22 18	0 3	3 28		4 10		3 36			n.a.
W 5	12 46	6 3	2 35	11 55	0 23	6 24	1 20	14 51	0 19	1 47	1 31	13 48	2 33	17 31	0 7	22 30	0 23	22 18	0 3	3 29		4 11		3 38			n.a.
T 6	13 7	10 27	3 40	12 35	0 30	6 7	1 25	15 7	0 19	1 45	1 30	13 48	2 33	17 32	0 7	22 30	0 23	22 18	0 3	3 31		4 12		3 40			n.a.
F 7	13 28	14 8	4 29	13 14	0 36	5 51	1 31	15 22	0 20	1 43	1 30	13 48	2 33	17 33	0 7	22 30	0 23	22 17	0 3	3 34		4 13		3 42			n.a.
S 8	13 49	16 49	4 59	13 52	0 42	5 34	1 36	15 37	0 21	1 40	1 30	13 48	2 33	17 34	0 7	22 30	0 23	22 17	0 3	3 37		4 15		3 44			n.a.
S 9	14 9	18 22	5 9	14 30	0 48	5 16	1 41	15 52	0 21	1 38	1 30	13 48	2 32	17 35	0 7	22 30	0 23	22 17	0 3	3 39		4 16		3 46			n.a.
M10	14 29	18 44	5 0	15 7	0 54	4 58	1 46	16 7	0 22	1 36	1 29	13 48	2 32	17 36	0 7	22 30	0 23	22 17	0 3	3 42		4 17		3 48			n.a.
T 11	14 49	18 1	4 34	15 44	1 0	4 39	1 51	16 22	0 22	1 34	1 29	13 48	2 32	17 37	0 7	22 30	0 23	22 17	0 3	3 44		4 18		3 49			n.a.
W12	15 9	16 22	3 55	16 20	1 6	4 20	1 55	16 36	0 23	1 32	1 29	13 48	2 32	17 38	0 7	22 30	0 23	22 17	0 3	3 45		4 20		3 51			n.a.
T 13	15 28	13 57	3 5	16 55	1 11	4 0	2 0	16 51	0 24	1 30	1 28	13 48	2 31	17 39	0 7	22 31	0 23	22 17	0 3	3 45		4 21		3 53			n.a.
F 14	15 47	10 59	2 9	17 29	1 16	3 40	2 4	17 5	0 24	1 28	1 28	13 47	2 31	17 40	0 7	22 31	0 23	22 17	0 3	3 44		4 22		3 55			n.a.
S 15	16 6	7 36	1 7	18 3	1 21	3 20	2 8	17 19	0 25	1 26	1 28	13 47	2 31	17 41	0 7	22 31	0 23	22 17	0 2	3 44		4 23		3 57			n.a.
S 16	16 25	3 57	0 4	18 36	1 26	2 59	2 11	17 33	0 26	1 24	1 28	13 47	2 31	17 42	0 7	22 31	0 23	22 17	0 2	3 44		4 25		3 59			n.a.
M17	16 43	0 10	0n59	19 7	1 31	2 38	2 15	17 47	0 26	1 23	1 27	13 46	2 30	17 43	0 7	22 31	0 23	22 16	0 2	3 44		4 26		4 1			n.a.
T 18	17 1	3s37	2 0	19 38	1 36	2 16	2 18	18 1	0 27	1 21	1 27	13 46	2 30	17 44	0 7	22 31	0 23	22 16	0 2	3 45		4 27		4 3			n.a.
W19	17 19	7 16	2 55	20 8	1 40	1 55	2 21	18 14	0 28	1 19	1 27	13 45	2 30	17 45	0 7	22 31	0 23	22 16	0 2	3 47		4 29		4 4			n.a.
T 20	17 36	10 40	3 43	20 38	1 44	1 33	2 24	18 27	0 28	1 18	1 26	13 45	2 30	17 46	0 7	22 31	0 23	22 16	0 2	3 51		4 30		4 6			n.a.
F 21	17 53	13 40	4 21	21 6	1 48	1 10	2 27	18 41	0 29	1 17	1 26	13 44	2 30	17 47	0 7	22 31	0 23	22 16	0 2	3 55		4 31		4 8			n.a.
S 22	18 10	16 6	4 48	21 32	1 51	0 47	2 29	18 54	0 29	1 15	1 26	13 44	2 29	17 48	0 7	22 31	0 24	22 16	0 2	3 59		4 32		4 10			n.a.
S 23	18 26	17 50	5 2	21 58	1 54	0 24	2 32	19 6	0 30	1 14	1 25	13 43	2 29	17 49	0 7	22 32	0 24	22 16	0 2	4 4		4 34		4 12			n.a.
M24	18 42	18 45	5 1	22 23	1 57	0 1	2 34	19 19	0 31	1 13	1 25	13 43	2 29	17 50	0 7	22 32	0 24	22 16	0 2	4 9		4 35		4 14			n.a.
T 25	18 58	18 44	4 46	22 46	2 0	0s22	2 36	19 31	0 31	1 12	1 25	13 42	2 29	17 51	0 7	22 32	0 24	22 16	0 2	4 13		4 36		4 16			n.a.
W26	19 13	17 46	4 16	23 8	2 2	0 46	2 38	19 43	0 32	1 11	1 24	13 41	2 28	17 52	0 7	22 32	0 24	22 15	0 2	4 16		4 37		4 18			n.a.
T 27	19 28	15 51	3 32	23 28	2 4	1 10	2 40	19 55	0 32	1 10	1 24	13 40	2 28	17 53	0 7	22 32	0 24	22 15	0 2	4 18		4 39		4 19			n.a.
F 28	19 43	13 3	2 36	23 48	2 5	1 34	2 41	20 7	0 33	1 9	1 24	13 40	2 28	17 54	0 7	22 32	0 24	22 15	0 2	4 18		4 40		4 21			n.a.
S 29	19 57	9 28	1 30	24 5	2 6	1 59	2 43	20 19	0 34	1 8	1 24	13 39	2 28	17 55	0 7	22 32	0 24	22 15	0 2	4 18		4 41		4 23			n.a.
S 30	20s11	5s18	0n17	24s21	2s 6	2s23	2n44	20s30	0s34	1n 8	1s23	13s38	2s27	17s56	0n 7	22n33	0n24	22n15	0s 1	4n18		4n42		4s25			n.a.

Julian Day Number = 1342597.5, Delta T = 07h14m25s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'37, Lahiri = -18°16'37 Julian Calendar 1 Nov. 1038 BCE == Greg. Calendar 22 Oct. 1038 BCE

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ASTRODIENST EPHEMERIS for the year 1038 BCE
geocentric

DECEMBER 1038 BCE (-1037) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 57 42	29♏43'39	0♈24	11♐27	13♎18	28♏27	5°R55	0♓53	20♏ 9	20°R57	9°R48	19°R17	18♍13	16♎51	n.a.	M 1
T 2	4 1 38	0♐44'54	14°58	13° 5	14°23	29°13	5♈53	0°55	20°12	20♋56	9♊47	19♍15	18°10	16°58	n.a.	T 2
W 3	4 5 35	1°46'09	29°46	14°43	15°29	29°59	5°51	0°58	20°16	20°55	9°46	19°10	18° 7	17° 5	n.a.	W 3
T 4	4 9 32	2°47'23	14♉41	16°20	16°35	0♐46	5°49	1° 0	20°20	20°54	9°44	19° 2	18° 4	17°11	n.a.	T 4
F 5	4 13 28	3°48'36	29°36	17°57	17°41	1°33	5°48	1° 2	20°23	20°53	9°43	18°51	18° 1	17°18	n.a.	F 5
S 6	4 17 25	4°49'50	14♊20	19°33	18°47	2°19	5°47	1° 5	20°27	20°52	9°42	18°40	17°57	17°25	n.a.	S 6
S 7	4 21 21	5°51'02	28°45	21° 8	19°54	3° 6	5°46	1° 7	20°30	20°51	9°41	18°28	17°54	17°31	n.a.	S 7
M 8	4 25 18	6°52'14	12♋46	22°42	21° 1	3°53	5°45	1°10	20°34	20°50	9°39	18°17	17°51	17°38	n.a.	M 8
T 9	4 29 14	7°53'26	26°20	24°14	22° 8	4°39	5°45	1°13	20°37	20°49	9°38	18° 9	17°48	17°45	n.a.	T 9
W10	4 33 11	8°54'37	9♌25	25°44	23°15	5°26	5°44	1°16	20°41	20°48	9°37	18° 3	17°45	17°51	n.a.	W10
T 11	4 37 7	9°55'48	22° 5	27°12	24°23	6°13	5°D44	1°19	20°44	20°47	9°35	18° 0	17°42	17°58	n.a.	T 11
F 12	4 41 4	10°56'59	4♍24	28°37	25°30	7° 0	5°44	1°22	20°48	20°45	9°34	17°59	17°38	18° 5	n.a.	F 12
S 13	4 45 1	11°58'08	16°27	29°59	26°38	7°46	5°45	1°25	20°51	20°44	9°33	17°59	17°35	18°11	n.a.	S 13
S 14	4 48 57	12°59'18	28°19	1♎17	27°46	8°33	5°45	1°28	20°55	20°43	9°31	17°59	17°32	18°18	n.a.	S 14
M15	4 52 54	14° 0'26	10♎ 7	2°30	28°55	9°20	5°46	1°32	20°58	20°42	9°30	17°57	17°29	18°25	n.a.	M15
T 16	4 56 50	15° 1'34	21°54	3°38	0♏ 3	10° 7	5°47	1°35	21° 1	20°40	9°29	17°53	17°26	18°31	n.a.	T 16
W17	5 0 47	16° 2'41	3♏47	4°40	1°12	10°54	5°48	1°39	21° 5	20°39	9°28	17°47	17°23	18°38	n.a.	W17
T 18	5 4 43	17° 3'48	15°47	5°34	2°20	11°41	5°49	1°42	21° 8	20°38	9°26	17°37	17°19	18°45	n.a.	T 18
F 19	5 8 40	18° 4'54	27°59	6°21	3°29	12°28	5°51	1°46	21°12	20°37	9°25	17°25	17°16	18°51	n.a.	F 19
S 20	5 12 36	19° 5'58	10♐24	6°59	4°38	13°15	5°52	1°50	21°15	20°35	9°24	17°11	17°13	18°58	n.a.	S 20
S 21	5 16 33	20° 7'02	23° 1	7°28	5°47	14° 2	5°54	1°54	21°18	20°34	9°22	16°56	17°10	19° 5	n.a.	S 21
M22	5 20 30	21° 8'05	5♎52	7°46	6°56	14°49	5°57	1°58	21°21	20°32	9°21	16°42	17° 7	19°11	n.a.	M22
T 23	5 24 26	22° 9'06	18°54	7°R54	8° 6	15°36	5°59	2° 2	21°25	20°31	9°20	16°31	17° 3	19°18	n.a.	T 23
W24	5 28 23	23°10'07	2♒ 7	7°50	9°15	16°23	6° 1	2° 7	21°28	20°30	9°19	16°22	17° 0	19°25	n.a.	W24
T 25	5 32 19	24°11'05	15°30	7°35	10°25	17°10	6° 4	2°11	21°31	20°28	9°17	16°16	16°57	19°31	n.a.	T 25
F 26	5 36 16	25°12'03	29° 3	7° 9	11°35	17°57	6° 7	2°15	21°34	20°27	9°16	16°13	16°54	19°38	n.a.	F 26
S 27	5 40 12	26°12'58	12♓47	6°32	12°44	18°44	6°10	2°20	21°38	20°25	9°15	16°D12	16°51	19°45	n.a.	S 27
S 28	5 44 9	27°13'52	26°41	5°46	13°54	19°31	6°13	2°24	21°41	20°24	9°14	16°R12	16°48	19°51	n.a.	S 28
M29	5 48 6	28°14'44	10♈45	4°50	15° 4	20°18	6°17	2°29	21°44	20°22	9°13	16°12	16°44	19°58	n.a.	M29
T 30	5 52 2	29°15'35	25° 0	3°48	16°14	21° 5	6°21	2°34	21°47	20°21	9°11	16° 9	16°41	20° 5	n.a.	T 30
W31	5 55 59	0♎16'24	9♉24	2♎41	17♏25	21♐52	6♈25	2♓39	21♏50	20♋19	9♊10	16♍ 5	16♍38	20♎11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s25	0s44	0s59	24s36	2s 6	2s48	2n45	20s41	0s35	1n 7	1s23	13s37	2s27	17s57	0n 7	22n33	0n24	22n15	0s 1	4n18	4n44	4s27			n.a.
T 2	20 38	3n58	2 12	24 48	2 6	3 13	2 46	20 52	0 35	1 7	1 23	13 36	2 27	17 58	0 7	22 33	0 24	22 15	0 1	4 19	4 45	4 29			n.a.
W 3	20 50	8 30	3 17	24 59	2 5	3 38	2 47	21 3	0 36	1 6	1 22	13 35	2 27	17 59	0 7	22 33	0 24	22 15	0 1	4 21	4 46	4 31			n.a.
T 4	21 3	12 32	4 10	25 9	2 3	4 3	2 48	21 14	0 37	1 6	1 22	13 34	2 26	18 0	0 7	22 33	0 24	22 14	0 1	4 24	4 47	4 32			n.a.
F 5	21 15	15 45	4 45	25 16	2 1	4 28	2 48	21 24	0 37	1 6	1 22	13 33	2 26	18 1	0 7	22 33	0 24	22 14	0 1	4 29	4 49	4 34			n.a.
S 6	21 26	17 54	5 0	25 21	1 58	4 53	2 48	21 34	0 38	1 6	1 21	13 32	2 26	18 2	0 7	22 34	0 24	22 14	0 1	4 33	4 50	4 36			n.a.
S 7	21 37	18 52	4 57	25 25	1 54	5 18	2 49	21 44	0 38	1 5	1 21	13 31	2 26	18 2	0 7	22 34	0 24	22 14	0 1	4 38	4 51	4 38			n.a.
M 8	21 48	18 38	4 35	25 26	1 50	5 43	2 49	21 54	0 39	1 6	1 20	13 29	2 25	18 3	0 7	22 34	0 24	22 14	0 1	4 42	4 52	4 40			n.a.
T 9	21 58	17 20	3 58	25 26	1 44	6 9	2 49	22 3	0 39	1 6	1 20	13 28	2 25	18 4	0 7	22 34	0 24	22 14	0 1	4 45	4 54	4 42			n.a.
W10	22 8	15 8	3 9	25 23	1 38	6 34	2 49	22 12	0 40	1 6	1 20	13 27	2 25	18 5	0 7	22 34	0 24	22 14	0 1	4 48	4 55	4 44			n.a.
T 11	22 17	12 17	2 13	25 19	1 31	6 59	2 48	22 21	0 41	1 6	1 19	13 26	2 25	18 6	0 7	22 35	0 24	22 14	0 1	4 49	4 56	4 45			n.a.
F 12	22 26	8 56	1 11	25 12	1 23	7 25	2 48	22 30	0 41	1 6	1 19	13 24	2 25	18 7	0 7	22 35	0 24	22 13	0 1	4 49	4 58	4 47			n.a.
S 13	22 35	5 18	0 8	25 4	1 15	7 50	2 47	22 38	0 42	1 7	1 19	13 23	2 24	18 8	0 7	22 35	0 24	22 13	0 1	4 49	4 59	4 49			n.a.
S 14	22 43	1 31	0n55	24 53	1 5	8 15	2 47	22 46	0 42	1 7	1 18	13 21	2 24	18 9	0 7	22 35	0 24	22 13	0 1	4 49	5 0	4 51			n.a.
M15	22 50	2s19	1 54	24 41	0 54	8 41	2 46	22 54	0 43	1 8	1 18	13 20	2 24	18 10	0 7	22 35	0 24	22 13	0 0	4 50	5 1	4 53			n.a.
T 16	22 58	6 3	2 49	24 28	0 42	9 6	2 45	23 2	0 43	1 9	1 18	13 19	2 24	18 11	0 7	22 36	0 24	22 13	0 0	4 52	5 3	4 55			n.a.
W17	23 4	9 35	3 37	24 13	0 29	9 31	2 44	23 9	0 44	1 9	1 17	13 17	2 23	18 12	0 7	22 36	0 24	22 13	0 0	4 54	5 4	4 57			n.a.
T 18	23 11	12 45	4 16	23 57	0 15	9 56	2 43	23 16	0 44	1 10	1 17	13 15	2 23	18 13	0 7	22 36	0 24	22 13	0 0	4 58	5 5	4 58			n.a.
F 19	23 16	15 25	4 43	23 39	0n 0	10 21	2 42	23 23	0 45	1 11	1 17	13 14	2 23	18 14	0 7	22 36	0 24	22 12	0 0	5 3	5 6	5 0			n.a.
S 20	23 22	17 27	4 58	23 21	0 16	10 45	2 40	23 30	0 45	1 12	1 16	13 12	2 23	18 15	0 7	22 37	0 24	22 12	0 0	5 8	5 8	5 2			n.a.
S 21	23 26	18 40	4 58	23 3	0 33	11 10	2 39	23 36	0 46	1 13	1 16	13 11	2 23	18 15	0 7	22 37	0 24	22 12	0 0	5 14	5 9	5 4			n.a.
M22	23 31	18 58	4 44	22 44	0 51	11 34	2 37	23 42	0 46	1 14	1 16	13 9	2 22	18 16	0 7	22 37	0 24	22 12	0 0	5 20	5 10	5 6			n.a.
T 23	23 35	18 16	4 14	22 26	1 9	11 58	2 36	23 48	0 47	1 16	1 15	13 7	2 22	18 17	0 7	22 37	0 24	22 12	0n 0	5 24	5 11	5 8			n.a.
W24	23 38	16 35	3 30	22 8	1 27	12 22	2 34	23 54	0 47	1 17	1 15	13 5	2 22	18 18	0 7	22 37	0 24	22 12	0 0	5 28	5 13	5 10			n.a.
T 25	23 41	13 59	2 35	21 50	1 46	12 46	2 32	23 59	0 48	1 18	1 15	13 4	2 22	18 19	0 7	22 38	0 24	22 12	0 0	5 30	5 14	5 11			n.a.
F 26	23 44	10 35	1 29	21 33	2 4	13 10	2 30	24 4	0 48	1 20	1 14	13 2	2 22	18 20	0 7	22 38	0 24	22 12	0 0	5 31	5 15	5 13			n.a.
S 27	23 46	6 35	0 18	21 17	2 22	13 33	2 28	24 9	0 49	1 21	1 14	13 0	2 21	18 21	0 7	22 38	0 24	22 11	0 0	5 32	5 16	5 15			n.a.
S 28	23 47	2 11	0s55	21 3	2 39	13 56	2 26	24 13	0 49	1 23	1 14	12 58	2 21	18 21	0 7	22 38	0 24	22 11	0 0	5 32	5 18	5 17			n.a.
M29	23 48	2n23	2 6	20 49	2 54	14 19	2 24	24 17	0 50	1 25	1 13	12 56	2 21	18 22	0 7	22 39	0 24	22 11	0 0	5 32	5 19	5 19			n.a.
T 30	23 49	6 53	3 10	20 38	3 8	14 42	2 22	24 21	0 50	1 27	1 13	12 54	2 21	18 23	0 7	22 39	0 24	22 11	0 1	5 33	5 20	5 21			n.a.
W31	23s49	11n 1	4s 3	20s27	3n20	15s 4	2n20	24s25	0s51	1n28	1s13	12s52	2s21	18s24	0n 7	22n39	0n24	22n11	0n 1	5n35	5n21	5s23			n.a.

Julian Day Number = 1342627.5, Delta T = 07h14m23s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'33, Lahiri = -18°16'33 Julian Calendar 1 Dec. 1038 BCE == Greg. Calendar 21 Nov. 1038 BCE

The year -1037 astronomical counting style corresponds to year 1038 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

JANUARY 1037 BCE (-1036) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 59 55	1♉17'11	23♉52	1°R30	18♏35	22♐40	6♈29	2♓44	21♏53	20°R18	9°R 9	15°R57	16♍35	20♎18	n.a.	T 1
F 2	6 3 52	2°17'57	8♊19	0♉18	19°45	23°27	6°33	2°49	21°56	20♋16	9♊ 8	15♍47	16°32	20°25	n.a.	F 2
S 3	6 7 48	3°18'41	22°40	29♐ 7	20°56	24°14	6°37	2°54	21°59	20°14	9° 7	15°36	16°29	20°31	n.a.	S 3
S 4	6 11 45	4°19'24	6♋48	27°58	22° 6	25° 1	6°42	2°59	22° 2	20°13	9° 5	15°24	16°25	20°38	n.a.	S 4
M 5	6 15 41	5°20'05	20°38	26°53	23°17	25°48	6°47	3° 4	22° 5	20°11	9° 4	15°13	16°22	20°45	n.a.	M 5
T 6	6 19 38	6°20'44	4♌ 5	25°54	24°28	26°35	6°52	3° 9	22° 8	20°10	9° 3	15° 5	16°19	20°51	n.a.	T 6
W 7	6 23 35	7°21'22	17° 9	25° 2	25°39	27°23	6°57	3°15	22°10	20° 8	9° 2	14°59	16°16	20°58	n.a.	W 7
T 8	6 27 31	8°21'58	29°50	24°16	26°49	28°10	7° 2	3°20	22°13	20° 6	9° 1	14°55	16°13	21° 5	n.a.	T 8
F 9	6 31 28	9°22'33	12♍11	23°38	28° 0	28°57	7° 8	3°26	22°16	20° 5	9° 0	14°D54	16° 9	21°11	n.a.	F 9
S 10	6 35 24	10°23'07	24°17	23° 8	29°11	29°44	7°13	3°31	22°19	20° 3	8°59	14°54	16° 6	21°18	n.a.	S 10
S 11	6 39 21	11°23'39	6♎12	22°46	0♐23	0♉31	7°19	3°37	22°21	20° 1	8°58	14°R55	16° 3	21°25	n.a.	S 11
M12	6 43 17	12°24'10	18° 1	22°32	1°34	1°19	7°25	3°43	22°24	20° 0	8°57	14°55	16° 0	21°31	n.a.	M12
T 13	6 47 14	13°24'39	29°51	22°D25	2°45	2° 6	7°31	3°49	22°27	19°58	8°56	14°53	15°57	21°38	n.a.	T 13
W14	6 51 10	14°25'06	11♏46	22°25	3°56	2°53	7°38	3°54	22°29	19°56	8°55	14°49	15°54	21°45	n.a.	W14
T 15	6 55 7	15°25'33	23°50	22°32	5° 7	3°40	7°44	4° 0	22°32	19°55	8°53	14°43	15°50	21°51	n.a.	T 15
F 16	6 59 4	16°25'57	6♐ 8	22°45	6°19	4°27	7°51	4° 6	22°34	19°53	8°52	14°35	15°47	21°58	n.a.	F 16
S 17	7 3 0	17°26'20	18°42	23° 4	7°30	5°15	7°58	4°12	22°37	19°51	8°52	14°25	15°44	22° 5	n.a.	S 17
S 18	7 6 57	18°26'41	1♉34	23°28	8°42	6° 2	8° 5	4°19	22°39	19°50	8°51	14°14	15°41	22°11	n.a.	S 18
M19	7 10 53	19°27'01	14°43	23°58	9°53	6°49	8°12	4°25	22°42	19°48	8°50	14° 4	15°38	22°18	n.a.	M19
T 20	7 14 50	20°27'18	28° 7	24°32	11° 5	7°36	8°19	4°31	22°44	19°46	8°49	13°56	15°34	22°25	n.a.	T 20
W21	7 18 46	21°27'33	11♒45	25°11	12°17	8°23	8°26	4°37	22°46	19°45	8°48	13°49	15°31	22°31	n.a.	W21
T 22	7 22 43	22°27'47	25°33	25°54	13°28	9°11	8°34	4°44	22°48	19°43	8°47	13°45	15°28	22°38	n.a.	T 22
F 23	7 26 39	23°27'58	9♓30	26°40	14°40	9°58	8°42	4°50	22°51	19°41	8°46	13°D44	15°25	22°45	n.a.	F 23
S 24	7 30 36	24°28'07	23°31	27°30	15°52	10°45	8°49	4°57	22°53	19°40	8°45	13°44	15°22	22°52	n.a.	S 24
S 25	7 34 33	25°28'14	7♈37	28°23	17° 3	11°32	8°57	5° 3	22°55	19°38	8°44	13°45	15°19	22°58	n.a.	S 25
M26	7 38 29	26°28'18	21°44	29°20	18°15	12°19	9° 6	5°10	22°57	19°36	8°43	13°R46	15°15	23° 5	n.a.	M26
T 27	7 42 26	27°28'20	5♉52	0♉19	19°27	13° 6	9°14	5°16	22°59	19°35	8°43	13°46	15°12	23°12	n.a.	T 27
W28	7 46 22	28°28'20	20° 0	1°20	20°39	13°54	9°22	5°23	23° 1	19°33	8°42	13°44	15° 9	23°18	n.a.	W28
T 29	7 50 19	29°28'17	4♊ 5	2°24	21°51	14°41	9°31	5°30	23° 3	19°31	8°41	13°40	15° 6	23°25	n.a.	T 29
F 30	7 54 15	0♒28'13	18° 5	3°31	23° 3	15°28	9°40	5°37	23° 5	19°30	8°40	13°34	15° 3	23°32	n.a.	F 30
S 31	7 58 12	1♒28'05	1♋57	4♉40	24♐15	16♉15	9♈48	5♓44	23♏ 7	19♋28	8♊40	13♍27	15♍ 0	23♎38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s49	14n31	4 s40	20 s19	3n30	15 s26	2n17	24 s28	0 s51	1n30	1 s12	12 s50	2 s20	18 s25	0n 7	22n39	0n24	22n11	0n 1	5n38	5n23	5 s24			n.a.
F 2	23 48	17 7	4 59	20 12	3 37	15 48	2 15	24 31	0 52	1 32	1 12	12 48	2 20	18 25	0 7	22 40	0 24	22 11	0 1	5 41	5 24	5 26			n.a.
S 3	23 46	18 38	4 59	20 6	3 42	16 9	2 12	24 34	0 52	1 34	1 12	12 46	2 20	18 26	0 7	22 40	0 24	22 11	0 1	5 46	5 25	5 28			n.a.
S 4	23 45	18 58	4 41	20 3	3 45	16 30	2 10	24 36	0 53	1 37	1 11	12 44	2 20	18 27	0 7	22 40	0 24	22 10	0 1	5 51	5 26	5 30			n.a.
M 5	23 42	18 8	4 7	20 1	3 46	16 50	2 7	24 38	0 53	1 39	1 11	12 42	2 20	18 28	0 7	22 40	0 24	22 10	0 1	5 55	5 28	5 32			n.a.
T 6	23 40	16 19	3 19	20 1	3 44	17 11	2 4	24 40	0 54	1 41	1 11	12 40	2 19	18 29	0 7	22 41	0 24	22 10	0 1	5 58	5 29	5 34			n.a.
W 7	23 36	13 41	2 22	20 3	3 40	17 30	2 1	24 41	0 54	1 43	1 11	12 38	2 19	18 29	0 7	22 41	0 24	22 10	0 1	6 0	5 30	5 36			n.a.
T 8	23 33	10 28	1 19	20 6	3 35	17 50	1 59	24 43	0 55	1 46	1 10	12 36	2 19	18 30	0 7	22 41	0 25	22 10	0 1	6 2	5 31	5 37			n.a.
F 9	23 29	6 52	0 14	20 11	3 28	18 9	1 56	24 44	0 55	1 48	1 10	12 34	2 19	18 31	0 7	22 42	0 25	22 10	0 1	6 2	5 33	5 39			n.a.
S 10	23 24	3 4	0n50	20 18	3 20	18 27	1 53	24 44	0 55	1 51	1 10	12 31	2 19	18 31	0 7	22 42	0 25	22 10	0 1	6 2	5 34	5 41			n.a.
S 11	23 19	0 s48	1 51	20 26	3 11	18 46	1 50	24 45	0 56	1 53	1 9	12 29	2 19	18 32	0 7	22 42	0 25	22 10	0 1	6 2	5 35	5 43			n.a.
M12	23 14	4 36	2 47	20 35	3 2	19 3	1 47	24 45	0 56	1 56	1 9	12 27	2 18	18 33	0 7	22 42	0 25	22 10	0 1	6 2	5 36	5 45			n.a.
T 13	23 8	8 14	3 36	20 45	2 51	19 20	1 44	24 45	0 57	1 59	1 9	12 25	2 18	18 34	0 7	22 43	0 25	22 10	0 1	6 3	5 38	5 47			n.a.
W14	23 1	11 33	4 16	20 56	2 40	19 37	1 41	24 44	0 57	2 2	1 8	12 22	2 18	18 34	0 7	22 43	0 25	22 9	0 1	6 4	5 39	5 49			n.a.
T 15	22 54	14 25	4 45	21 8	2 29	19 53	1 38	24 43	0 57	2 5	1 8	12 20	2 18	18 35	0 7	22 43	0 25	22 9	0 2	6 7	5 40	5 50			n.a.
F 16	22 47	16 43	5 2	21 20	2 17	20 9	1 34	24 42	0 58	2 7	1 8	12 17	2 18	18 36	0 7	22 43	0 25	22 9	0 2	6 10	5 41	5 52			n.a.
S 17	22 39	18 17	5 4	21 33	2 5	20 24	1 31	24 41	0 58	2 10	1 8	12 15	2 18	18 36	0 7	22 44	0 25	22 9	0 2	6 14	5 43	5 54			n.a.
S 18	22 31	18 57	4 51	21 46	1 54	20 39	1 28	24 39	0 59	2 13	1 7	12 13	2 18	18 37	0 7	22 44	0 25	22 9	0 2	6 18	5 44	5 56			n.a.
M19	22 23	18 38	4 23	21 59	1 42	20 53	1 25	24 37	0 59	2 17	1 7	12 10	2 17	18 37	0 7	22 44	0 25	22 9	0 2	6 22	5 45	5 58			n.a.
T 20	22 14	17 17	3 40	22 12	1 30	21 7	1 22	24 35	0 59	2 20	1 7	12 8	2 17	18 38	0 7	22 44	0 25	22 9	0 2	6 25	5 46	6 0			n.a.
W21	22 4	14 55	2 43	22 25	1 19	21 20	1 18	24 32	1 0	2 23	1 6	12 5	2 17	18 39	0 7	22 45	0 25	22 9	0 2	6 28	5 48	6 1			n.a.
T 22	21 55	11 42	1 36	22 38	1 7	21 32	1 15	24 30	1 0	2 26	1 6	12 3	2 17	18 39	0 7	22 45	0 25	22 9	0 2	6 29	5 49	6 3			n.a.
F 23	21 44	7 47	0 23	22 50	0 56	21 44	1 12	24 26	1 0	2 30	1 6	12 0	2 17	18 40	0 7	22 45	0 25	22 9	0 2	6 30	5 50	6 5			n.a.
S 24	21 34	3 25	0 s53	23 3	0 45	21 55	1 8	24 23	1 1	2 33	1 6	11 58	2 17	18 40	0 7	22 45	0 25	22 9	0 2	6 30	5 51	6 7			n.a.
S 25	21 23	1n 9	2 5	23 14	0 34	22 6	1 5	24 19	1 1	2 36	1 5	11 55	2 17	18 41	0 7	22 46	0 25	22 9	0 2	6 29	5 53	6 9			n.a.
M26	21 11	5 40	3 11	23 25	0 24	22 16	1 1	24 15	1 1	2 40	1 5	11 53	2 17	18 41	0 7	22 46	0 25	22 8	0 2	6 29	5 54	6 11			n.a.
T 27	21 0	9 51	4 4	23 36	0 13	22 25	0 58	24 11	1 2	2 44	1 5	11 50	2 16	18 42	0 7	22 46	0 25	22 8	0 2	6 29	5 55	6 13			n.a.
W28	20 47	13 29	4 43	23 45	0 3	22 34	0 55	24 6	1 2	2 47	1 4	11 47	2 16	18 42	0 7	22 46	0 25	22 8	0 2	6 30	5 56	6 14			n.a.
T 29	20 35	16 19	5 5	23 54	0 s 6	22 42	0 51	24 2	1 2	2 51	1 4	11 45	2 16	18 43	0 7	22 47	0 25	22 8	0 2	6 31	5 58	6 16			n.a.
F 30	20 22	18 10	5 8	24 2	0 16	22 50	0 48	23 57	1 3	2 54	1 4	11 42	2 16	18 44	0 7	22 47	0 25	22 8	0 3	6 34	5 59	6 18			n.a.
S 31	20 s 9	18n55	4 s53	24 s 9	0 s25	22 s57	0n45	23 s51	1 s 3	2n58	1 s 4	11 s39	2 s16	18 s44	0n 7	22n47	0n25	22n 8	0n 3	6n36	6n 0	6 s20			n.a.

Julian Day Number = 1342658.5, Delta T = 07h14m22s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'29, Lahiri = -18°16'29 Julian Calendar 1 Jan. 1037 BCE == Greg. Calendar 22 Dec. 1038 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

FEBRUARY 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 2 8	2♒27'56	15♋38	5♑50	25♐27	17♑ 2	9♈57	5♓50	23♏ 9	19°R26	8°R39	13°R20	14♍56	23♎45	n.a.	S 1
M 2	8 6 5	3°27'44	29° 4	7° 3	26°39	17°49	10° 6	5°57	23°11	19♋25	8♊38	13♍14	14°53	23°52	n.a.	M 2
T 3	8 10 2	4°27'31	12♌13	8°18	27°51	18°36	10°16	6° 4	23°12	19°23	8°38	13° 8	14°50	23°58	n.a.	T 3
W 4	8 13 58	5°27'15	25° 5	9°34	29° 3	19°23	10°25	6°11	23°14	19°22	8°37	13° 5	14°47	24° 5	n.a.	W 4
T 5	8 17 55	6°26'57	7♍39	10°52	0♑15	20°10	10°34	6°18	23°16	19°20	8°36	13°D 3	14°44	24°12	n.a.	T 5
F 6	8 21 51	7°26'37	19°58	12°12	1°27	20°57	10°44	6°25	23°17	19°18	8°36	13° 4	14°40	24°18	n.a.	F 6
S 7	8 25 48	8°26'15	2♎ 3	13°33	2°39	21°44	10°53	6°33	23°19	19°17	8°35	13° 5	14°37	24°25	n.a.	S 7
S 8	8 29 44	9°25'51	13°59	14°56	3°51	22°31	11° 3	6°40	23°20	19°15	8°35	13° 7	14°34	24°32	n.a.	S 8
M 9	8 33 41	10°25'25	25°50	16°20	5° 4	23°18	11°13	6°47	23°22	19°14	8°34	13° 8	14°31	24°38	n.a.	M 9
T 10	8 37 37	11°24'58	7♏40	17°46	6°16	24° 5	11°23	6°54	23°23	19°12	8°34	13°R 9	14°28	24°45	n.a.	T 10
W11	8 41 34	12°24'28	19°36	19°14	7°28	24°52	11°33	7° 1	23°24	19°11	8°33	13° 9	14°25	24°52	n.a.	W11
T 12	8 45 30	13°23'57	1♐41	20°42	8°40	25°39	11°43	7° 9	23°26	19° 9	8°33	13° 7	14°21	24°58	n.a.	T 12
F 13	8 49 27	14°23'24	14° 1	22°12	9°53	26°26	11°54	7°16	23°27	19° 8	8°32	13° 5	14°18	25° 5	n.a.	F 13
S 14	8 53 24	15°22'48	26°38	23°44	11° 5	27°13	12° 4	7°23	23°28	19° 6	8°32	13° 1	14°15	25°12	n.a.	S 14
S 15	8 57 20	16°22'11	9♑37	25°17	12°17	28° 0	12°15	7°31	23°29	19° 5	8°32	12°57	14°12	25°18	n.a.	S 15
M16	9 1 17	17°21'32	22°56	26°51	13°30	28°46	12°25	7°38	23°30	19° 3	8°31	12°52	14° 9	25°25	n.a.	M16
T 17	9 5 13	18°20'51	6♒37	28°27	14°42	29°33	12°36	7°46	23°32	19° 2	8°31	12°49	14° 6	25°32	n.a.	T 17
W18	9 9 10	19°20'07	20°36	0♒ 4	15°55	0♒20	12°47	7°53	23°33	19° 1	8°31	12°46	14° 2	25°38	n.a.	W18
T 19	9 13 6	20°19'22	4♓50	1°42	17° 7	1° 7	12°58	8° 1	23°33	18°59	8°30	12°45	13°59	25°45	n.a.	T 19
F 20	9 17 3	21°18'34	19°14	3°22	18°19	1°53	13° 9	8° 8	23°34	18°58	8°30	12°D45	13°56	25°52	n.a.	F 20
S 21	9 20 59	22°17'44	3♈43	5° 3	19°32	2°40	13°20	8°16	23°35	18°56	8°30	12°46	13°53	25°59	n.a.	S 21
S 22	9 24 56	23°16'51	18°11	6°45	20°44	3°27	13°31	8°23	23°36	18°55	8°30	12°47	13°50	26° 5	n.a.	S 22
M23	9 28 52	24°15'56	2♉34	8°29	21°57	4°13	13°42	8°31	23°37	18°54	8°29	12°49	13°46	26°12	n.a.	M23
T 24	9 32 49	25°14'58	16°50	10°14	23° 9	5° 0	13°54	8°38	23°37	18°53	8°29	12°49	13°43	26°19	n.a.	T 24
W25	9 36 46	26°13'58	0♊55	12° 1	24°22	5°47	14° 5	8°46	23°38	18°51	8°29	12°R49	13°40	26°25	n.a.	W25
T 26	9 40 42	27°12'56	14°49	13°49	25°34	6°33	14°17	8°54	23°39	18°50	8°29	12°49	13°37	26°32	n.a.	T 26
F 27	9 44 39	28°11'51	28°30	15°38	26°47	7°20	14°28	9° 1	23°39	18°49	8°29	12°47	13°34	26°39	n.a.	F 27
S 28	9 48 35	29°10'44	11♋58	17°29	27°59	8° 6	14°40	9° 9	23°40	18°48	8°29	12°46	13°31	26°45	n.a.	S 28
S 29	9 52 32	0♓ 9'34	25♋13	19♒22	29♑12	8♒53	14♈52	9♓17	23♏40	18♋46	8♊29	12♍44	13♍27	26♎52	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s55	18n33	4s22	24s14	0s33	23s 3	0n41	23s45	1s 3	3n 2	1s 3	11s37	2s16	18s44	0n 7	22n47	0n25	22n 8	0n 3	6n39	6n 1	6s22		n.a.
M 2	19 41	17 9	3 36	24 19	0 42	23 9	0 38	23 40	1 4	3 6	1 3	11 34	2 16	18 45	0 7	22 48	0 25	22 8	0 3	6 42	6 3	6 24		n.a.
T 3	19 27	14 51	2 40	24 23	0 50	23 14	0 34	23 33	1 4	3 10	1 3	11 31	2 16	18 45	0 7	22 48	0 25	22 8	0 3	6 44	6 4	6 25		n.a.
W 4	19 12	11 51	1 36	24 25	0 58	23 18	0 31	23 27	1 4	3 14	1 3	11 29	2 16	18 46	0 7	22 48	0 25	22 8	0 3	6 45	6 5	6 27		n.a.
T 5	18 57	8 23	0 29	24 27	1 5	23 21	0 28	23 20	1 4	3 18	1 2	11 26	2 16	18 46	0 7	22 48	0 25	22 8	0 3	6 45	6 6	6 29		n.a.
F 6	18 42	4 37	0n38	24 27	1 12	23 24	0 24	23 13	1 5	3 22	1 2	11 23	2 15	18 47	0 7	22 49	0 25	22 8	0 3	6 45	6 8	6 31		n.a.
S 7	18 26	0 44	1 42	24 25	1 19	23 26	0 21	23 6	1 5	3 26	1 2	11 20	2 15	18 47	0 7	22 49	0 25	22 8	0 3	6 45	6 9	6 33		n.a.
S 8	18 10	3s 8	2 41	24 22	1 25	23 28	0 18	22 58	1 5	3 30	1 2	11 18	2 15	18 47	0 7	22 49	0 25	22 8	0 3	6 44	6 10	6 35		n.a.
M 9	17 54	6 50	3 33	24 18	1 31	23 29	0 14	22 51	1 5	3 34	1 1	11 15	2 15	18 48	0 7	22 49	0 25	22 8	0 3	6 44	6 11	6 36		n.a.
T 10	17 38	10 16	4 16	24 13	1 37	23 29	0 11	22 43	1 6	3 38	1 1	11 12	2 15	18 48	0 7	22 50	0 25	22 8	0 3	6 43	6 13	6 38		n.a.
W11	17 21	13 18	4 48	24 5	1 42	23 28	0 8	22 34	1 6	3 42	1 1	11 9	2 15	18 48	0 7	22 50	0 25	22 8	0 3	6 43	6 14	6 40		n.a.
T 12	17 4	15 49	5 7	23 57	1 47	23 27	0 5	22 26	1 6	3 47	1 1	11 6	2 15	18 49	0 7	22 50	0 25	22 8	0 3	6 44	6 15	6 42		n.a.
F 13	16 46	17 39	5 13	23 47	1 51	23 25	0 2	22 17	1 6	3 51	1 0	11 4	2 15	18 49	0 7	22 50	0 25	22 8	0 3	6 45	6 16	6 44		n.a.
S 14	16 29	18 42	5 5	23 35	1 55	23 22	0s 2	22 8	1 7	3 55	1 0	11 1	2 15	18 49	0 7	22 51	0 25	22 8	0 3	6 46	6 18	6 46		n.a.
S 15	16 11	18 48	4 40	23 21	1 58	23 19	0 5	21 59	1 7	4 0	1 0	10 58	2 15	18 50	0 7	22 51	0 25	22 8	0 4	6 48	6 19	6 47		n.a.
M16	15 52	17 53	4 0	23 6	2 2	23 15	0 8	21 49	1 7	4 4	1 0	10 55	2 15	18 50	0 7	22 51	0 25	22 8	0 4	6 50	6 20	6 49		n.a.
T 17	15 34	15 55	3 6	22 49	2 4	23 10	0 11	21 39	1 7	4 8	1 0	10 52	2 15	18 50	0 7	22 51	0 25	22 8	0 4	6 51	6 21	6 51		n.a.
W18	15 15	12 58	1 59	22 31	2 7	23 5	0 14	21 29	1 7	4 13	0 59	10 49	2 15	18 51	0 7	22 51	0 25	22 8	0 4	6 52	6 23	6 53		n.a.
T 19	14 56	9 13	0 44	22 11	2 8	22 59	0 17	21 19	1 7	4 17	0 59	10 46	2 15	18 51	0 7	22 52	0 25	22 8	0 4	6 53	6 24	6 55		n.a.
F 20	14 37	4 52	0s36	21 49	2 10	22 52	0 20	21 9	1 8	4 22	0 59	10 43	2 15	18 51	0 7	22 52	0 25	22 8	0 4	6 53	6 25	6 57		n.a.
S 21	14 18	0 14	1 53	21 25	2 11	22 45	0 23	20 58	1 8	4 27	0 59	10 40	2 14	18 51	0 7	22 52	0 25	22 8	0 4	6 52	6 26	6 58		n.a.
S 22	13 58	4n25	3 3	20 59	2 11	22 37	0 26	20 47	1 8	4 31	0 59	10 38	2 14	18 51	0 7	22 52	0 25	22 8	0 4	6 52	6 27	7 0		n.a.
M23	13 38	8 47	4 2	20 32	2 11	22 28	0 28	20 36	1 8	4 36	0 58	10 35	2 14	18 52	0 7	22 52	0 25	22 8	0 4	6 51	6 29	7 2		n.a.
T 24	13 18	12 35	4 44	20 3	2 11	22 18	0 31	20 25	1 8	4 40	0 58	10 32	2 14	18 52	0 7	22 53	0 25	22 8	0 4	6 51	6 30	7 4		n.a.
W25	12 58	15 37	5 9	19 32	2 10	22 8	0 34	20 14	1 8	4 45	0 58	10 29	2 14	18 52	0 7	22 53	0 25	22 8	0 4	6 51	6 31	7 6		n.a.
T 26	12 38	17 42	5 16	18 59	2 8	21 58	0 37	20 2	1 8	4 50	0 58	10 26	2 14	18 52	0 7	22 53	0 25	22 8	0 4	6 51	6 32	7 8		n.a.
F 27	12 17	18 44	5 4	18 24	2 6	21 46	0 39	19 50	1 9	4 55	0 58	10 23	2 14	18 52	0 7	22 53	0 25	22 8	0 4	6 52	6 34	7 9		n.a.
S 28	11 56	18 41	4 36	17 47	2 3	21 34	0 42	19 38	1 9	4 59	0 57	10 20	2 14	18 52	0 7	22 53	0 25	22 8	0 4	6 52	6 35	7 11		n.a.
S 29	11s35	17n36	3s54	17s 9	2s 0	21s22	0s44	19s26	1s 9	5n 4	0s57	10s17	2s14	18s53	0n 7	22n53	0n25	22n 8	0n 4	6n53	6n36	7s13		n.a.

Julian Day Number = 1342689.5, Delta T = 07h14m20s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'25, Lahiri = -18°16'24 Julian Calendar 1 Feb. 1037 BCE == Greg. Calendar 22 Jan. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

MARCH 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 56 28	1♓ 8'22	8♌13	21♒15	0♒24	9♒39	15♈ 4	9♓24	23♏41	18°R45	8°D29	12°R42	13♍24	26♎59	n.a.	M 1
T 2	10 0 25	2° 7'08	21° 0	23°11	1°37	10°25	15°15	9°32	23°41	18♋44	8♊29	12♍41	13°21	27° 5	n.a.	T 2
W 3	10 4 21	3° 5'51	3♍34	25° 7	2°50	11°12	15°27	9°40	23°41	18°43	8°29	12°41	13°18	27°12	n.a.	W 3
T 4	10 8 18	4° 4'33	15°55	27° 5	4° 2	11°58	15°40	9°47	23°41	18°42	8°29	12°D40	13°15	27°19	n.a.	T 4
F 5	10 12 15	5° 3'12	28° 5	29° 4	5°15	12°44	15°52	9°55	23°42	18°41	8°29	12°41	13°12	27°25	n.a.	F 5
S 6	10 16 11	6° 1'50	10♎ 6	1♓ 5	6°27	13°31	16° 4	10° 3	23°42	18°40	8°29	12°41	13° 8	27°32	n.a.	S 6
S 7	10 20 8	7° 0'25	22° 0	3° 7	7°40	14°17	16°16	10°11	23°42	18°39	8°29	12°42	13° 5	27°39	n.a.	S 7
M 8	10 24 4	7°58'59	3♏51	5°10	8°53	15° 3	16°28	10°18	23°R42	18°38	8°29	12°43	13° 2	27°45	n.a.	M 8
T 9	10 28 1	8°57'30	15°42	7°15	10° 5	15°49	16°41	10°26	23°42	18°37	8°29	12°43	12°59	27°52	n.a.	T 9
W10	10 31 57	9°56'00	27°38	9°20	11°18	16°35	16°53	10°34	23°42	18°36	8°30	12°43	12°56	27°59	n.a.	W10
T 11	10 35 54	10°54'29	9♐43	11°26	12°31	17°21	17° 6	10°42	23°41	18°35	8°30	12°R43	12°52	28° 5	n.a.	T 11
F 12	10 39 50	11°52'55	22° 0	13°33	13°43	18° 7	17°18	10°49	23°41	18°34	8°30	12°43	12°49	28°12	n.a.	F 12
S 13	10 43 47	12°51'20	4♑36	15°40	14°56	18°53	17°31	10°57	23°41	18°33	8°30	12°D43	12°46	28°19	n.a.	S 13
S 14	10 47 43	13°49'43	17°33	17°47	16° 9	19°39	17°44	11° 5	23°41	18°33	8°31	12°43	12°43	28°26	n.a.	S 14
M15	10 51 40	14°48'04	0♒54	19°55	17°22	20°25	17°56	11°12	23°40	18°32	8°31	12°44	12°40	28°32	n.a.	M15
T 16	10 55 37	15°46'24	14°41	22° 2	18°34	21°11	18° 9	11°20	23°40	18°31	8°31	12°44	12°37	28°39	n.a.	T 16
W17	10 59 33	16°44'42	28°51	24° 9	19°47	21°57	18°22	11°28	23°40	18°30	8°32	12°44	12°33	28°46	n.a.	W17
T 18	11 3 30	17°42'58	13♓22	26°14	21° 0	22°43	18°35	11°36	23°39	18°30	8°32	12°R44	12°30	28°52	n.a.	T 18
F 19	11 7 26	18°41'12	28° 8	28°19	22°13	23°28	18°48	11°43	23°39	18°29	8°32	12°44	12°27	28°59	n.a.	F 19
S 20	11 11 23	19°39'24	13♈ 1	0♈22	23°25	24°14	19° 1	11°51	23°38	18°28	8°33	12°44	12°24	29° 6	n.a.	S 20
S 21	11 15 19	20°37'34	27°55	2°23	24°38	25° 0	19°14	11°59	23°37	18°28	8°33	12°43	12°21	29°12	n.a.	S 21
M22	11 19 16	21°35'42	12♉42	4°22	25°51	25°45	19°27	12° 6	23°37	18°27	8°34	12°42	12°17	29°19	n.a.	M22
T 23	11 23 12	22°33'48	27°14	6°19	27° 4	26°31	19°40	12°14	23°36	18°27	8°34	12°41	12°14	29°26	n.a.	T 23
W24	11 27 9	23°31'52	11♊29	8°13	28°16	27°16	19°53	12°22	23°35	18°26	8°35	12°40	12°11	29°32	n.a.	W24
T 25	11 31 5	24°29'54	25°23	10° 4	29°29	28° 2	20° 7	12°29	23°34	18°26	8°35	12°D40	12° 8	29°39	n.a.	T 25
F 26	11 35 2	25°27'54	8♋57	11°52	0♓42	28°47	20°20	12°37	23°34	18°25	8°36	12°40	12° 5	29°46	n.a.	F 26
S 27	11 38 59	26°25'51	22°11	13°37	1°55	29°33	20°33	12°45	23°33	18°25	8°37	12°41	12° 2	29°52	n.a.	S 27
S 28	11 42 55	27°23'47	5♌ 7	15°18	3° 8	0♓18	20°46	12°52	23°32	18°24	8°37	12°42	11°58	29°59	n.a.	S 28
M29	11 46 52	28°21'41	17°48	16°56	4°21	1° 3	21° 0	13° 0	23°31	18°24	8°38	12°44	11°55	0♏ 6	n.a.	M29
T 30	11 50 48	29°19'33	0♍16	18°30	5°33	1°48	21°13	13° 7	23°30	18°24	8°39	12°45	11°52	0°13	n.a.	T 30
W31	11 54 45	0♈17'23	12♍32	20♈ 0	6♓46	2♓34	21♈27	13♓15	23♏28	18♋23	8♊39	12°R45	11♍49	0♏19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s14	15n36	3s 0	16s28	1s57	21s 9	0s47	19s13	1s 9	5n 9	0s57	10s14	2s14	18s53	0n 7	22n54	0n25	22n 8	0n 4	6n54	6n37	7s15		n.a.
T 2	10 53	12 52	1 57	15 46	1 52	20 55	0 49	19 0	1 9	5 14	0 57	10 11	2 14	18 53	0 7	22 54	0 25	22 8	0 5	6 54	6 39	7 17		n.a.
W 3	10 32	9 35	0 50	15 2	1 48	20 40	0 52	18 48	1 9	5 19	0 57	10 8	2 14	18 53	0 7	22 54	0 25	22 8	0 5	6 54	6 40	7 18		n.a.
T 4	10 10	5 55	0n18	14 16	1 42	20 25	0 54	18 35	1 9	5 24	0 56	10 5	2 14	18 53	0 7	22 54	0 25	22 9	0 5	6 54	6 41	7 20		n.a.
F 5	9 48	2 4	1 25	13 29	1 36	20 10	0 56	18 21	1 9	5 28	0 56	10 2	2 14	18 53	0 7	22 54	0 25	22 9	0 5	6 54	6 42	7 22		n.a.
S 6	9 27	1s49	2 26	12 39	1 30	19 54	0 58	18 8	1 9	5 33	0 56	9 59	2 14	18 53	0 7	22 54	0 25	22 9	0 5	6 54	6 44	7 24		n.a.
S 7	9 5	5 36	3 21	11 48	1 23	19 37	1 0	17 54	1 9	5 38	0 56	9 56	2 14	18 53	0 7	22 54	0 25	22 9	0 5	6 54	6 45	7 26		n.a.
M 8	8 42	9 7	4 8	10 56	1 16	19 20	1 3	17 41	1 9	5 43	0 56	9 53	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 54	6 46	7 28		n.a.
T 9	8 20	12 17	4 43	10 2	1 8	19 2	1 5	17 27	1 9	5 48	0 55	9 50	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 53	6 47	7 29		n.a.
W10	7 58	14 58	5 7	9 6	0 59	18 43	1 7	17 13	1 9	5 53	0 55	9 47	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 53	6 49	7 31		n.a.
T 11	7 35	17 2	5 17	8 10	0 50	18 25	1 8	16 59	1 9	5 58	0 55	9 44	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 53	6 50	7 33		n.a.
F 12	7 13	18 21	5 13	7 12	0 41	18 5	1 10	16 44	1 9	6 3	0 55	9 41	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 53	6 51	7 35		n.a.
S 13	6 50	18 49	4 55	6 13	0 31	17 45	1 12	16 30	1 9	6 8	0 55	9 38	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 53	6 52	7 37		n.a.
S 14	6 27	18 20	4 21	5 13	0 21	17 25	1 14	16 15	1 9	6 13	0 55	9 35	2 14	18 53	0 7	22 55	0 25	22 9	0 5	6 53	6 53	7 38		n.a.
M15	6 5	16 49	3 32	4 13	0 10	17 4	1 15	16 0	1 9	6 18	0 54	9 32	2 14	18 53	0 7	22 55	0 25	22 10	0 5	6 53	6 55	7 40		n.a.
T 16	5 42	14 18	2 30	3 12	0n 1	16 43	1 17	15 45	1 9	6 24	0 54	9 29	2 14	18 53	0 7	22 56	0 25	22 10	0 5	6 53	6 56	7 42		n.a.
W17	5 19	10 52	1 16	2 11	0 11	16 21	1 18	15 30	1 9	6 29	0 54	9 26	2 14	18 52	0 7	22 56	0 25	22 10	0 5	6 53	6 57	7 44		n.a.
T 18	4 56	6 42	0s 3	1 11	0 22	15 59	1 20	15 15	1 9	6 34	0 54	9 24	2 15	18 52	0 7	22 56	0 25	22 10	0 6	6 53	6 58	7 46		n.a.
F 19	4 33	2 3	1 24	0 10	0 34	15 36	1 21	15 0	1 9	6 39	0 54	9 21	2 15	18 52	0 7	22 56	0 25	22 10	0 6	6 53	7 0	7 48		n.a.
S 20	4 9	2n46	2 40	0n50	0 45	15 13	1 22	14 44	1 9	6 44	0 54	9 18	2 15	18 52	0 7	22 56	0 25	22 10	0 6	6 53	7 1	7 49		n.a.
S 21	3 46	7 24	3 45	1 49	0 56	14 50	1 24	14 29	1 9	6 49	0 54	9 15	2 15	18 52	0 7	22 56	0 25	22 10	0 6	6 54	7 2	7 51		n.a.
M22	3 23	11 32	4 35	2 46	1 6	14 26	1 25	14 13	1 9	6 54	0 53	9 12	2 15	18 52	0 7	22 56	0 25	22 10	0 6	6 54	7 3	7 53		n.a.
T 23	3 0	14 54	5 6	3 43	1 17	14 1	1 26	13 57	1 9	7 0	0 53	9 9	2 15	18 52	0 7	22 56	0 25	22 11	0 6	6 54	7 5	7 55		n.a.
W24	2 36	17 17	5 17	4 38	1 27	13 37	1 27	13 41	1 9	7 5	0 53	9 6	2 15	18 51	0 7	22 56	0 25	22 11	0 6	6 55	7 6	7 57		n.a.
T 25	2 13	18 35	5 9	5 31	1 37	13 12	1 28	13 25	1 9	7 10	0 53	9 3	2 15	18 51	0 7	22 56	0 25	22 11	0 6	6 55	7 7	7 58		n.a.
F 26	1 50	18 47	4 44	6 23	1 46	12 46	1 29	13 9	1 9	7 15	0 53	9 0	2 15	18 51	0 7	22 56	0 25	22 11	0 6	6 54	7 8	8 0		n.a.
S 27	1 26	17 56	4 5	7 13	1 55	12 21	1 29	12 53	1 9	7 20	0 53	8 57	2 15	18 51	0 7	22 56	0 25	22 11	0 6	6 54	7 9	8 2		n.a.
S 28	1 3	16 9	3 14	8 0	2 3	11 55	1 30	12 37	1 9	7 25	0 53	8 54	2 15	18 51	0 7	22 57	0 25	22 11	0 6	6 54	7 11	8 4		n.a.
M29	0 40	13 37	2 14	8 45	2 11	11 28	1 31	12 20	1 9	7 31	0 52	8 51	2 15	18 50	0 7	22 57	0 25	22 12	0 6	6 53	7 12	8 6		n.a.
T 30	0 16	10 29	1 9	9 28	2 17	11 2	1 31	12 4	1 8	7 36	0 52	8 49	2 15	18 50	0 7	22 57	0 25	22 12	0 6	6 53	7 13	8 7		n.a.
W31	0n 7	6n56	0s 1	10n 9	2n24	10s35	1s32	11s47	1s 8	7n41	0s52	8s46	2s15	18s50	0n 7	22n57	0n25	22n12	0n 6	6n53	7n14	8s 9		n.a.

Julian Day Number = 1342718.5, Delta T = 07h14m19s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'21, Lahiri = -18°16'20 Julian Calendar 1 March 1037 BCE == Greg. Calendar 20 Feb. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

APRIL 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 41	1♈15'11	24♍40	21♈27	7♓59	3♓19	21♈40	13♓22	23°R27	18°R23	8♊40	12°R44	11♍46	0♏26	n.a.	T 1
F 2	12 2 38	2°12'58	6♎41	22°49	9°12	4° 4	21°54	13°30	23♏26	18♋23	8°41	12♍43	11°43	0°33	n.a.	F 2
S 3	12 6 34	3°10'43	18°36	24° 8	10°25	4°49	22° 7	13°37	23°25	18°23	8°42	12°41	11°39	0°39	n.a.	S 3
S 4	12 10 31	4° 8'27	0♏28	25°23	11°38	5°34	22°21	13°45	23°24	18°23	8°42	12°38	11°36	0°46	n.a.	S 4
M 5	12 14 27	5° 6'09	12°18	26°33	12°51	6°19	22°34	13°52	23°22	18°22	8°43	12°34	11°33	0°53	n.a.	M 5
T 6	12 18 24	6° 3'50	24°11	27°39	14° 3	7° 4	22°48	14° 0	23°21	18°22	8°44	12°30	11°30	0°59	n.a.	T 6
W 7	12 22 21	7° 1'30	6♐ 7	28°41	15°16	7°48	23° 1	14° 7	23°20	18°22	8°45	12°27	11°27	1° 6	n.a.	W 7
T 8	12 26 17	7°59'08	18°12	29°39	16°29	8°33	23°15	14°14	23°18	18°22	8°46	12°24	11°23	1°13	n.a.	T 8
F 9	12 30 14	8°56'45	0♑28	0♉32	17°42	9°18	23°29	14°22	23°17	18°D22	8°47	12°23	11°20	1°19	n.a.	F 9
S 10	12 34 10	9°54'21	13° 0	1°21	18°55	10° 3	23°42	14°29	23°15	18°22	8°47	12°D23	11°17	1°26	n.a.	S 10
S 11	12 38 7	10°51'56	25°53	2° 6	20° 8	10°47	23°56	14°36	23°14	18°22	8°48	12°23	11°14	1°33	n.a.	S 11
M12	12 42 3	11°49'30	9♒ 9	2°46	21°21	11°32	24°10	14°43	23°12	18°22	8°49	12°25	11°11	1°39	n.a.	M12
T 13	12 46 0	12°47'03	22°51	3°21	22°34	12°16	24°24	14°51	23°10	18°22	8°50	12°26	11° 8	1°46	n.a.	T 13
W14	12 49 56	13°44'35	7♓ 0	3°52	23°47	13° 1	24°37	14°58	23° 9	18°23	8°51	12°R27	11° 4	1°53	n.a.	W14
T 15	12 53 53	14°42'06	21°34	4°18	25° 0	13°45	24°51	15° 5	23° 7	18°23	8°52	12°27	11° 1	2° 0	n.a.	T 15
F 16	12 57 50	15°39'35	6♈29	4°39	26°13	14°30	25° 5	15°12	23° 5	18°23	8°53	12°25	10°58	2° 6	n.a.	F 16
S 17	13 1 46	16°37'04	21°38	4°56	27°26	15°14	25°19	15°19	23° 3	18°23	8°54	12°22	10°55	2°13	n.a.	S 17
S 18	13 5 43	17°34'31	6♉50	5° 7	28°39	15°58	25°33	15°26	23° 2	18°24	8°55	12°18	10°52	2°20	n.a.	S 18
M19	13 9 39	18°31'57	21°56	5°14	29°52	16°42	25°47	15°33	23° 0	18°24	8°56	12°13	10°48	2°26	n.a.	M19
T 20	13 13 36	19°29'21	6♊46	5°R17	1♈ 5	17°26	26° 0	15°40	22°58	18°24	8°58	12° 8	10°45	2°33	n.a.	T 20
W21	13 17 32	20°26'45	21°15	5°14	2°18	18°10	26°14	15°47	22°56	18°25	8°59	12° 3	10°42	2°40	n.a.	W21
T 22	13 21 29	21°24'07	5♋17	5° 8	3°31	18°54	26°28	15°53	22°54	18°25	9° 0	12° 1	10°39	2°46	n.a.	T 22
F 23	13 25 25	22°21'28	18°53	4°57	4°44	19°38	26°42	16° 0	22°52	18°26	9° 1	12°D 0	10°36	2°53	n.a.	F 23
S 24	13 29 22	23°18'47	2♌ 3	4°42	5°57	20°22	26°56	16° 7	22°50	18°26	9° 2	12° 0	10°33	3° 0	n.a.	S 24
S 25	13 33 19	24°16'05	14°52	4°23	7°10	21° 6	27°10	16°14	22°48	18°27	9° 3	12° 1	10°29	3° 7	n.a.	S 25
M26	13 37 15	25°13'22	27°22	4° 0	8°24	21°50	27°24	16°20	22°46	18°27	9° 5	12° 2	10°26	3°13	n.a.	M26
T 27	13 41 12	26°10'38	9♍37	3°35	9°37	22°34	27°37	16°27	22°44	18°28	9° 6	12°R 3	10°23	3°20	n.a.	T 27
W28	13 45 8	27° 7'52	21°42	3° 7	10°50	23°17	27°51	16°33	22°42	18°28	9° 7	12° 3	10°20	3°27	n.a.	W28
T 29	13 49 5	28° 5'06	3♎40	2°37	12° 3	24° 1	28° 5	16°40	22°40	18°29	9° 8	12° 0	10°17	3°33	n.a.	T 29
F 30	13 53 1	29♈ 2'19	15♎34	2♉ 5	13♈16	24♓44	28♈19	16♓46	22♏38	18♋30	9♊ 9	11♍56	10♍14	3♏40	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n30	3n 9	1n 5	10n47	2n29	10s 8	1s32	11s30	1s 8	7n46	0s52	8s43	2s15	18s49	0n 7	22n57	0n25	22n12	0n 6	6n53	7n16	8s11		n.a.
F 2	0 54	0s44	2 8	11 23	2 34	9 40	1 33	11 14	1 8	7 52	0 52	8 40	2 16	18 49	0 7	22 57	0 25	22 12	0 6	6 53	7 17	8 13		n.a.
S 3	1 17	4 33	3 5	11 56	2 37	9 13	1 33	10 57	1 8	7 57	0 52	8 37	2 16	18 49	0 7	22 57	0 25	22 12	0 7	6 54	7 18	8 15		n.a.
S 4	1 40	8 10	3 53	12 27	2 40	8 45	1 33	10 40	1 8	8 2	0 52	8 34	2 16	18 49	0 7	22 57	0 25	22 13	0 7	6 56	7 19	8 16		n.a.
M 5	2 3	11 28	4 32	12 55	2 42	8 16	1 33	10 23	1 8	8 7	0 52	8 31	2 16	18 48	0 7	22 57	0 25	22 13	0 7	6 57	7 21	8 18		n.a.
T 6	2 27	14 18	4 58	13 20	2 44	7 48	1 33	10 6	1 7	8 12	0 51	8 29	2 16	18 48	0 7	22 57	0 25	22 13	0 7	6 58	7 22	8 20		n.a.
W 7	2 50	16 33	5 12	13 43	2 44	7 19	1 33	9 49	1 7	8 18	0 51	8 26	2 16	18 47	0 7	22 57	0 25	22 13	0 7	7 0	7 23	8 22		n.a.
T 8	3 13	18 6	5 12	14 4	2 43	6 51	1 33	9 31	1 7	8 23	0 51	8 23	2 16	18 47	0 7	22 57	0 25	22 13	0 7	7 1	7 24	8 24		n.a.
F 9	3 36	18 50	4 59	14 22	2 42	6 22	1 33	9 14	1 7	8 28	0 51	8 20	2 16	18 47	0 7	22 57	0 25	22 14	0 7	7 1	7 25	8 25		n.a.
S 10	3 59	18 41	4 30	14 37	2 39	5 52	1 33	8 57	1 7	8 33	0 51	8 18	2 16	18 46	0 7	22 57	0 25	22 14	0 7	7 1	7 27	8 27		n.a.
S 11	4 22	17 34	3 48	14 49	2 36	5 23	1 33	8 40	1 6	8 39	0 51	8 15	2 16	18 46	0 7	22 57	0 25	22 14	0 7	7 1	7 28	8 29		n.a.
M12	4 45	15 29	2 53	14 59	2 31	4 54	1 33	8 22	1 6	8 44	0 51	8 12	2 17	18 46	0 7	22 57	0 25	22 14	0 7	7 0	7 29	8 31		n.a.
T 13	5 8	12 27	1 45	15 6	2 26	4 24	1 32	8 5	1 6	8 49	0 51	8 9	2 17	18 45	0 7	22 57	0 25	22 14	0 7	7 0	7 30	8 33		n.a.
W14	5 30	8 37	0 30	15 11	2 19	3 54	1 32	7 47	1 6	8 54	0 50	8 7	2 17	18 45	0 7	22 57	0 25	22 15	0 7	7 0	7 32	8 34		n.a.
T 15	5 53	4 9	0s50	15 13	2 12	3 24	1 31	7 30	1 6	9 0	0 50	8 4	2 17	18 44	0 7	22 57	0 25	22 15	0 7	7 0	7 33	8 36		n.a.
F 16	6 15	0n40	2 8	15 12	2 3	2 54	1 31	7 12	1 5	9 5	0 50	8 1	2 17	18 44	0 7	22 57	0 25	22 15	0 7	7 0	7 34	8 38		n.a.
S 17	6 38	5 31	3 18	15 9	1 53	2 24	1 30	6 54	1 5	9 10	0 50	7 59	2 17	18 43	0 7	22 57	0 25	22 15	0 7	7 2	7 35	8 40		n.a.
S 18	7 0	10 1	4 14	15 3	1 43	1 54	1 29	6 37	1 5	9 15	0 50	7 56	2 17	18 43	0 7	22 57	0 25	22 15	0 7	7 3	7 36	8 42		n.a.
M19	7 22	13 50	4 52	14 54	1 31	1 24	1 28	6 19	1 5	9 20	0 50	7 53	2 18	18 43	0 7	22 57	0 25	22 16	0 8	7 5	7 38	8 43		n.a.
T 20	7 45	16 42	5 10	14 44	1 19	0 54	1 28	6 1	1 4	9 26	0 50	7 51	2 18	18 42	0 6	22 57	0 25	22 16	0 8	7 7	7 39	8 45		n.a.
W21	8 7	18 25	5 7	14 30	1 6	0 24	1 27	5 44	1 4	9 31	0 50	7 48	2 18	18 42	0 6	22 56	0 25	22 16	0 8	7 9	7 40	8 47		n.a.
T 22	8 28	18 57	4 46	14 15	0 52	0n 7	1 26	5 26	1 4	9 36	0 50	7 46	2 18	18 41	0 6	22 56	0 25	22 16	0 8	7 10	7 41	8 49		n.a.
F 23	8 50	18 21	4 9	13 57	0 37	0 37	1 25	5 8	1 4	9 41	0 50	7 43	2 18	18 41	0 6	22 56	0 25	22 17	0 8	7 10	7 43	8 50		n.a.
S 24	9 12	16 46	3 20	13 37	0 21	1 8	1 24	4 50	1 3	9 46	0 49	7 41	2 18	18 40	0 6	22 56	0 25	22 17	0 8	7 10	7 44	8 52		n.a.
S 25	9 33	14 22	2 22	13 16	0 5	1 38	1 22	4 33	1 3	9 51	0 49	7 38	2 18	18 40	0 6	22 56	0 25	22 17	0 8	7 10	7 45	8 54		n.a.
M26	9 55	11 21	1 19	12 53	0s11	2 8	1 21	4 15	1 3	9 57	0 49	7 36	2 19	18 39	0 6	22 56	0 25	22 17	0 8	7 9	7 46	8 56		n.a.
T 27	10 16	7 53	0 13	12 28	0 28	2 39	1 20	3 57	1 2	10 2	0 49	7 33	2 19	18 38	0 6	22 56	0 25	22 18	0 8	7 9	7 47	8 58		n.a.
W28	10 37	4 8	0n52	12 2	0 45	3 9	1 19	3 39	1 2	10 7	0 49	7 31	2 19	18 38	0 6	22 56	0 25	22 18	0 8	7 9	7 49	8 59		n.a.
T 29	10 58	0 16	1 54	11 36	1 2	3 39	1 17	3 21	1 2	10 12	0 49	7 28	2 19	18 37	0 6	22 56	0 25	22 18	0 8	7 10	7 50	9 1		n.a.
F 30	11n18	3s36	2n51	11n 9	1s19	4n 9	1s16	3s 4	1s 1	10n17	0s49	7s26	2s19	18s37	0n 6	22n56	0n25	22n18	0n 8	7n12	7n51	9s 3		n.a.

Julian Day Number = 1342749.5, Delta T = 07h14m17s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'17, Lahiri = -18°16'16 Julian Calendar 1 Apr. 1037 BCE == Greg. Calendar 22 March 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

MAY 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 58	29♈59'31	27♎25	1°R31	14♈29	25♓28	28♈33	16♓53	22°R35	18♋30	9♊11	11°R50	10♍10	3♏47	n.a.	S 1
S 2	14 0 54	0♉56'42	9♏16	0♉58	15°42	26°11	28°47	16°59	22♏33	18°31	9°12	11♍41	10° 7	3°53	n.a.	S 2
M 3	14 4 51	1°53'52	21° 8	0°24	16°55	26°55	29° 1	17° 5	22°31	18°32	9°13	11°32	10° 4	4° 0	n.a.	M 3
T 4	14 8 48	2°51'02	3♐ 4	29♈51	18° 9	27°38	29°15	17°12	22°29	18°33	9°15	11°23	10° 1	4° 7	n.a.	T 4
W 5	14 12 44	3°48'11	15° 5	29°19	19°22	28°21	29°28	17°18	22°27	18°33	9°16	11°14	9°58	4°13	n.a.	W 5
T 6	14 16 41	4°45'20	27°13	28°49	20°35	29° 4	29°42	17°24	22°24	18°34	9°17	11° 7	9°54	4°20	n.a.	T 6
F 7	14 20 37	5°42'29	9♑32	28°21	21°48	29°47	29°56	17°30	22°22	18°35	9°19	11° 1	9°51	4°27	n.a.	F 7
S 8	14 24 34	6°39'37	22° 4	27°56	23° 1	0♈30	0♉10	17°36	22°20	18°36	9°20	10°58	9°48	4°34	n.a.	S 8
S 9	14 28 30	7°36'45	4♒53	27°34	24°15	1°13	0°24	17°42	22°17	18°37	9°21	10°D57	9°45	4°40	n.a.	S 9
M10	14 32 27	8°33'53	18° 3	27°16	25°28	1°56	0°37	17°48	22°15	18°38	9°23	10°57	9°42	4°47	n.a.	M10
T 11	14 36 24	9°31'01	1♓37	27° 1	26°41	2°39	0°51	17°54	22°13	18°39	9°24	10°58	9°39	4°54	n.a.	T 11
W12	14 40 20	10°28'08	15°38	26°50	27°54	3°22	1° 5	17°59	22°10	18°40	9°26	10°R58	9°35	5° 0	n.a.	W12
T 13	14 44 17	11°25'16	0♈ 4	26°44	29° 8	4° 5	1°19	18° 5	22° 8	18°41	9°27	10°57	9°32	5° 7	n.a.	T 13
F 14	14 48 13	12°22'23	14°54	26°D41	0♉21	4°48	1°33	18°11	22° 6	18°42	9°28	10°53	9°29	5°14	n.a.	F 14
S 15	14 52 10	13°19'30	0♉ 2	26°44	1°34	5°30	1°46	18°16	22° 3	18°43	9°30	10°47	9°26	5°20	n.a.	S 15
S 16	14 56 6	14°16'37	15°18	26°51	2°48	6°13	2° 0	18°22	22° 1	18°44	9°31	10°39	9°23	5°27	n.a.	S 16
M17	15 0 3	15°13'43	0♊32	27° 3	4° 1	6°55	2°14	18°27	21°58	18°46	9°33	10°30	9°19	5°34	n.a.	M17
T 18	15 3 59	16°10'50	15°32	27°20	5°15	7°38	2°27	18°32	21°56	18°47	9°34	10°21	9°16	5°41	n.a.	T 18
W19	15 7 56	17° 7'56	0♋11	27°41	6°28	8°20	2°41	18°38	21°54	18°48	9°36	10°12	9°13	5°47	n.a.	W19
T 20	15 11 53	18° 5'01	14°23	28° 7	7°41	9° 2	2°55	18°43	21°51	18°49	9°37	10° 6	9°10	5°54	n.a.	T 20
F 21	15 15 49	19° 2'07	28° 4	28°38	8°55	9°45	3° 8	18°48	21°49	18°51	9°39	10° 2	9° 7	6° 1	n.a.	F 21
S 22	15 19 46	19°59'12	11♌18	29°13	10° 8	10°27	3°22	18°53	21°46	18°52	9°40	10° 1	9° 4	6° 7	n.a.	S 22
S 23	15 23 42	20°56'16	24° 6	29°53	11°22	11° 9	3°35	18°58	21°44	18°53	9°42	10°D 0	9° 0	6°14	n.a.	S 23
M24	15 27 39	21°53'20	6♍33	0♉37	12°35	11°51	3°49	19° 3	21°41	18°55	9°43	10°R 1	8°57	6°21	n.a.	M24
T 25	15 31 35	22°50'24	18°44	1°26	13°49	12°33	4° 2	19° 8	21°39	18°56	9°45	10° 0	8°54	6°27	n.a.	T 25
W26	15 35 32	23°47'28	0♎43	2°20	15° 2	13°15	4°16	19°13	21°36	18°57	9°46	9°59	8°51	6°34	n.a.	W26
T 27	15 39 28	24°44'32	12°37	3°17	16°16	13°56	4°29	19°17	21°34	18°59	9°48	9°54	8°48	6°41	n.a.	T 27
F 28	15 43 25	25°41'35	24°27	4°19	17°29	14°38	4°42	19°22	21°32	19° 0	9°50	9°48	8°45	6°48	n.a.	F 28
S 29	15 47 22	26°38'39	6♏17	5°25	18°43	15°20	4°56	19°26	21°29	19° 2	9°51	9°38	8°41	6°54	n.a.	S 29
S 30	15 51 18	27°35'43	18°10	6°36	19°56	16° 1	5° 9	19°31	21°27	19° 3	9°53	9°27	8°38	7° 1	n.a.	S 30
M31	15 55 15	28♉32'47	0♐ 7	7♉50	21♉10	16♈43	5♉22	19♓35	21♏24	19♋ 5	9♊54	9♍14	8♍35	7♏ 8	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n39	7s18	3n40	10n42	1s36	4n39	1s15	2s46	1s 1	10n22	0s49	7s24	2s19	18s36	0n 6	22n56	0n25	22n19	0n 8	7n14	7n52	9s 5		n.a.
S 2	11 59	10 43	4 19	10 15	1 52	5 9	1 13	2 28	1 1	10 27	0 49	7 21	2 20	18 36	0 6	22 56	0 25	22 19	0 8	7 17	7 54	9 6		n.a.
M 3	12 19	13 42	4 47	9 48	2 8	5 39	1 11	2 10	1 0	10 32	0 49	7 19	2 20	18 35	0 6	22 55	0 25	22 19	0 8	7 21	7 55	9 8		n.a.
T 4	12 39	16 9	5 3	9 23	2 23	6 9	1 10	1 52	1 0	10 37	0 49	7 17	2 20	18 35	0 6	22 55	0 25	22 19	0 8	7 25	7 56	9 10		n.a.
W 5	12 59	17 54	5 5	8 58	2 37	6 39	1 8	1 35	1 0	10 42	0 49	7 14	2 20	18 34	0 6	22 55	0 25	22 20	0 8	7 28	7 57	9 12		n.a.
T 6	13 19	18 53	4 54	8 35	2 50	7 8	1 6	1 17	0 59	10 47	0 48	7 12	2 20	18 33	0 6	22 55	0 25	22 20	0 9	7 31	7 58	9 14		n.a.
F 7	13 38	18 59	4 29	8 14	3 2	7 38	1 5	0 59	0 59	10 52	0 48	7 10	2 21	18 33	0 6	22 55	0 25	22 20	0 9	7 33	8 0	9 15		n.a.
S 8	13 57	18 10	3 51	7 55	3 13	8 7	1 3	0 41	0 59	10 57	0 48	7 8	2 21	18 32	0 6	22 55	0 25	22 20	0 9	7 34	8 1	9 17		n.a.
S 9	14 16	16 25	3 1	7 37	3 23	8 36	1 1	0 24	0 58	11 2	0 48	7 6	2 21	18 32	0 6	22 55	0 25	22 21	0 9	7 34	8 2	9 19		n.a.
M10	14 35	13 46	2 0	7 23	3 31	9 5	0 59	0 6	0 58	11 7	0 48	7 3	2 21	18 31	0 6	22 55	0 25	22 21	0 9	7 34	8 3	9 21		n.a.
T 11	14 53	10 17	0 50	7 11	3 38	9 34	0 57	0n12	0 57	11 12	0 48	7 1	2 21	18 30	0 6	22 54	0 25	22 21	0 9	7 34	8 5	9 22		n.a.
W12	15 12	6 8	0s25	7 1	3 45	10 2	0 55	0 29	0 57	11 17	0 48	6 59	2 22	18 30	0 6	22 54	0 25	22 22	0 9	7 34	8 6	9 24		n.a.
T 13	15 30	1 30	1 40	6 54	3 49	10 30	0 53	0 47	0 57	11 22	0 48	6 57	2 22	18 29	0 6	22 54	0 25	22 22	0 9	7 35	8 7	9 26		n.a.
F 14	15 47	3n20	2 51	6 50	3 53	10 58	0 51	1 5	0 56	11 27	0 48	6 55	2 22	18 29	0 6	22 54	0 25	22 22	0 9	7 36	8 8	9 28		n.a.
S 15	16 5	8 4	3 51	6 49	3 55	11 26	0 49	1 22	0 56	11 32	0 48	6 53	2 22	18 28	0 6	22 54	0 25	22 22	0 9	7 38	8 9	9 29		n.a.
S 16	16 22	12 18	4 35	6 51	3 56	11 54	0 47	1 40	0 55	11 37	0 48	6 51	2 22	18 27	0 6	22 54	0 25	22 23	0 9	7 41	8 11	9 31		n.a.
M17	16 39	15 43	4 59	6 55	3 56	12 21	0 45	1 57	0 55	11 41	0 48	6 49	2 23	18 27	0 6	22 53	0 25	22 23	0 9	7 45	8 12	9 33		n.a.
T 18	16 56	18 1	5 2	7 2	3 55	12 48	0 43	2 14	0 55	11 46	0 48	6 47	2 23	18 26	0 6	22 53	0 25	22 23	0 9	7 48	8 13	9 35		n.a.
W19	17 13	19 4	4 45	7 12	3 53	13 15	0 41	2 32	0 54	11 51	0 48	6 45	2 23	18 26	0 6	22 53	0 25	22 24	0 9	7 52	8 14	9 37		n.a.
T 20	17 29	18 52	4 11	7 24	3 50	13 41	0 39	2 49	0 54	11 56	0 48	6 43	2 23	18 25	0 6	22 53	0 25	22 24	0 9	7 54	8 15	9 38		n.a.
F 21	17 45	17 33	3 24	7 39	3 46	14 7	0 36	3 6	0 53	12 0	0 48	6 42	2 24	18 24	0 6	22 53	0 25	22 24	0 9	7 55	8 17	9 40		n.a.
S 22	18 1	15 19	2 27	7 56	3 41	14 33	0 34	3 24	0 53	12 5	0 47	6 40	2 24	18 24	0 6	22 53	0 25	22 24	0 10	7 56	8 18	9 42		n.a.
S 23	18 16	12 23	1 24	8 16	3 35	14 58	0 32	3 41	0 52	12 10	0 47	6 38	2 24	18 23	0 6	22 52	0 25	22 25	0 10	7 56	8 19	9 44		n.a.
M24	18 31	8 58	0 18	8 37	3 28	15 23	0 30	3 58	0 52	12 15	0 47	6 36	2 24	18 22	0 6	22 52	0 25	22 25	0 10	7 56	8 20	9 45		n.a.
T 25	18 46	5 14	0n46	9 1	3 21	15 48	0 27	4 15	0 51	12 19	0 47	6 35	2 25	18 22	0 6	22 52	0 25	22 25	0 10	7 56	8 21	9 47		n.a.
W26	19 1	1 21	1 48	9 28	3 13	16 12	0 25	4 32	0 51	12 24	0 47	6 33	2 25	18 21	0 6	22 52	0 25	22 26	0 10	7 57	8 23	9 49		n.a.
T 27	19 15	2s33	2 44	9 56	3 4	16 36	0 23	4 49	0 50	12 29	0 47	6 31	2 25	18 20	0 6	22 52	0 25	22 26	0 10	7 58	8 24	9 51		n.a.
F 28	19 29	6 20	3 32	10 25	2 55	16 59	0 20	5 6	0 50	12 33	0 47	6 30	2 25	18 20	0 6	22 51	0 25	22 26	0 10	8 1	8 25	9 52		n.a.
S 29	19 43	9 52	4 12	10 57	2 45	17 22	0 18	5 22	0 49	12 38	0 47	6 28	2 26	18 19	0 6	22 51	0 25	22 26	0 10	8 5	8 26	9 54		n.a.
S 30	19 56	13 1	4 40	11 30	2 34	17 45	0 16	5 39	0 49	12 42	0 47	6 27	2 26	18 19	0 6	22 51	0 25	22 27	0 10	8 9	8 28	9 56		n.a.
M31	20n 9	15s40	4n57	12n 5	2s24	18n 7	0s13	5n56	0s48	12n47	0s47	6s25	2s26	18s18	0n 6	22n51	0n25	22n27	0n10	8n14	8n29	9s58		n.a.

Julian Day Number = 1342779.5, Delta T = 07h14m16s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'13, Lahiri = -18°16'12 Julian Calendar 1 May 1037 BCE == Greg. Calendar 21 Apr. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

JUNE 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 11	29♉29'51	12♐10	9♉ 9	22♉23	17♈25	5♉35	19♓39	21°R22	19♋ 6	9♊56	9°R 0	8♍32	7♏14	n.a.	T 1
W 2	16 3 8	0♊26'56	24°19	10°31	23°37	18° 6	5°49	19°44	21♏20	19° 8	9°57	8♍48	8°29	7°21	n.a.	W 2
T 3	16 7 4	1°24'01	6♑37	11°58	24°51	18°47	6° 2	19°48	21°17	19°10	9°59	8°37	8°25	7°28	n.a.	T 3
F 4	16 11 1	2°21'06	19° 4	13°28	26° 4	19°29	6°15	19°52	21°15	19°11	10° 1	8°29	8°22	7°35	n.a.	F 4
S 5	16 14 58	3°18'13	1♒42	15° 2	27°18	20°10	6°28	19°56	21°12	19°13	10° 2	8°23	8°19	7°41	n.a.	S 5
S 6	16 18 54	4°15'20	14°35	16°40	28°32	20°51	6°41	19°59	21°10	19°15	10° 4	8°21	8°16	7°48	n.a.	S 6
M 7	16 22 51	5°12'27	27°44	18°21	29°45	21°32	6°54	20° 3	21° 8	19°16	10° 5	8°20	8°13	7°55	n.a.	M 7
T 8	16 26 47	6° 9'36	11♓14	20° 6	0♊59	22°13	7° 7	20° 7	21° 5	19°18	10° 7	8°20	8°10	8° 1	n.a.	T 8
W 9	16 30 44	7° 6'45	25° 5	21°54	2°13	22°54	7°20	20°10	21° 3	19°20	10° 8	8°19	8° 6	8° 8	n.a.	W 9
T 10	16 34 40	8° 3'55	9♈19	23°45	3°26	23°35	7°33	20°14	21° 1	19°22	10°10	8°17	8° 3	8°15	n.a.	T 10
F 11	16 38 37	9° 1'06	23°55	25°39	4°40	24°16	7°45	20°17	20°58	19°23	10°12	8°13	8° 0	8°21	n.a.	F 11
S 12	16 42 33	9°58'17	8♉49	27°36	5°54	24°56	7°58	20°21	20°56	19°25	10°13	8° 6	7°57	8°28	n.a.	S 12
S 13	16 46 30	10°55'30	23°54	29°35	7° 8	25°37	8°11	20°24	20°54	19°27	10°15	7°56	7°54	8°35	n.a.	S 13
M14	16 50 27	11°52'44	8♊59	1♊36	8°22	26°18	8°23	20°27	20°52	19°29	10°16	7°46	7°51	8°42	n.a.	M14
T 15	16 54 23	12°49'58	23°56	3°38	9°36	26°58	8°36	20°30	20°49	19°31	10°18	7°35	7°47	8°48	n.a.	T 15
W16	16 58 20	13°47'13	8♋34	5°42	10°49	27°39	8°48	20°33	20°47	19°32	10°20	7°25	7°44	8°55	n.a.	W16
T 17	17 2 16	14°44'29	22°48	7°47	12° 3	28°19	9° 1	20°36	20°45	19°34	10°21	7°17	7°41	9° 2	n.a.	T 17
F 18	17 6 13	15°41'45	6♌34	9°53	13°17	28°59	9°13	20°38	20°43	19°36	10°23	7°12	7°38	9° 8	n.a.	F 18
S 19	17 10 9	16°39'02	19°51	12° 0	14°31	29°39	9°26	20°41	20°41	19°38	10°24	7° 9	7°35	9°15	n.a.	S 19
S 20	17 14 6	17°36'19	2♍41	14° 7	15°45	0♉20	9°38	20°44	20°39	19°40	10°26	7°D 8	7°31	9°22	n.a.	S 20
M21	17 18 2	18°33'37	15°10	16°13	16°59	1° 0	9°50	20°46	20°37	19°42	10°28	7°R 8	7°28	9°29	n.a.	M21
T 22	17 21 59	19°30'56	27°21	18°19	18°13	1°40	10° 2	20°48	20°35	19°44	10°29	7° 8	7°25	9°35	n.a.	T 22
W23	17 25 56	20°28'15	9♎21	20°25	19°27	2°19	10°14	20°51	20°33	19°46	10°31	7° 7	7°22	9°42	n.a.	W23
T 24	17 29 52	21°25'36	21°14	22°30	20°41	2°59	10°26	20°53	20°31	19°48	10°32	7° 3	7°19	9°49	n.a.	T 24
F 25	17 33 49	22°22'57	3♏ 4	24°34	21°55	3°39	10°38	20°55	20°29	19°50	10°34	6°57	7°16	9°55	n.a.	F 25
S 26	17 37 45	23°20'19	14°56	26°36	23° 9	4°19	10°50	20°57	20°27	19°52	10°36	6°49	7°12	10° 2	n.a.	S 26
S 27	17 41 42	24°17'41	26°53	28°38	24°23	4°58	11° 2	20°59	20°25	19°54	10°37	6°38	7° 9	10° 9	n.a.	S 27
M28	17 45 38	25°15'05	8♐56	0♋39	25°37	5°38	11°13	21° 0	20°23	19°56	10°39	6°26	7° 6	10°15	n.a.	M28
T 29	17 49 35	26°12'31	21° 9	2°38	26°51	6°17	11°25	21° 2	20°21	19°58	10°40	6°13	7° 3	10°22	n.a.	T 29
W30	17 53 32	27♊ 9'57	3♑31	4♋35	28♊ 6	6♉57	11♉37	21♓ 4	20♏19	20♋ 0	10♊42	6♍ 2	7♍ 0	10♏29	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n22	17s39	5n 0	12n41	2s12	18n29	0s11	6n12	0s48	12n51	0s47	6s24	2s26	18s17	0n 6	22n51	0n25	22n27	0n10	8n19	8n30	9s59		n.a.
W 2	20 34	18 52	4 50	13 18	2 1	18 50	0 9	6 29	0 47	12 56	0 47	6 22	2 27	18 17	0 6	22 50	0 25	22 28	0 10	8 24	8 31	10 1		n.a.
T 3	20 46	19 13	4 26	13 56	1 49	19 11	0 6	6 45	0 47	13 0	0 47	6 21	2 27	18 16	0 6	22 50	0 25	22 28	0 10	8 28	8 32	10 3		n.a.
F 4	20 58	18 39	3 49	14 35	1 37	19 31	0 4	7 2	0 46	13 5	0 47	6 19	2 27	18 15	0 6	22 50	0 25	22 28	0 10	8 31	8 34	10 5		n.a.
S 5	21 9	17 10	3 1	15 15	1 25	19 51	0 1	7 18	0 46	13 9	0 47	6 18	2 27	18 15	0 6	22 50	0 25	22 29	0 10	8 33	8 35	10 6		n.a.
S 6	21 20	14 46	2 2	15 56	1 12	20 10	0n 1	7 34	0 45	13 13	0 47	6 17	2 28	18 14	0 6	22 49	0 25	22 29	0 10	8 34	8 36	10 8		n.a.
M 7	21 30	11 35	0 56	16 36	1 0	20 28	0 3	7 50	0 45	13 18	0 47	6 16	2 28	18 14	0 6	22 49	0 25	22 29	0 11	8 35	8 37	10 10		n.a.
T 8	21 41	7 42	0s15	17 17	0 47	20 46	0 6	8 6	0 44	13 22	0 47	6 14	2 28	18 13	0 6	22 49	0 25	22 29	0 11	8 35	8 38	10 12		n.a.
W 9	21 50	3 19	1 27	17 58	0 35	21 4	0 8	8 22	0 44	13 26	0 47	6 13	2 28	18 12	0 6	22 49	0 25	22 30	0 11	8 35	8 40	10 13		n.a.
T 10	22 0	1n22	2 36	18 38	0 23	21 21	0 11	8 38	0 43	13 31	0 47	6 12	2 29	18 12	0 6	22 48	0 25	22 30	0 11	8 36	8 41	10 15		n.a.
F 11	22 9	6 5	3 36	19 18	0 11	21 37	0 13	8 54	0 42	13 35	0 47	6 11	2 29	18 11	0 6	22 48	0 25	22 30	0 11	8 37	8 42	10 17		n.a.
S 12	22 18	10 31	4 23	19 57	0n 1	21 53	0 15	9 9	0 42	13 39	0 47	6 10	2 29	18 11	0 6	22 48	0 25	22 31	0 11	8 40	8 43	10 18		n.a.
S 13	22 26	14 20	4 52	20 35	0 12	22 8	0 18	9 25	0 41	13 43	0 47	6 9	2 30	18 10	0 6	22 48	0 25	22 31	0 11	8 43	8 44	10 20		n.a.
M14	22 34	17 12	5 0	21 11	0 23	22 22	0 20	9 40	0 41	13 47	0 47	6 8	2 30	18 9	0 6	22 47	0 25	22 31	0 11	8 47	8 46	10 22		n.a.
T 15	22 42	18 52	4 49	21 46	0 34	22 36	0 22	9 56	0 40	13 51	0 47	6 7	2 30	18 9	0 6	22 47	0 25	22 32	0 11	8 52	8 47	10 24		n.a.
W16	22 49	19 15	4 18	22 18	0 43	22 49	0 24	10 11	0 39	13 55	0 47	6 6	2 30	18 8	0 6	22 47	0 25	22 32	0 11	8 55	8 48	10 25		n.a.
T 17	22 56	18 23	3 32	22 49	0 53	23 2	0 27	10 26	0 39	14 0	0 47	6 5	2 31	18 8	0 6	22 47	0 25	22 32	0 11	8 58	8 49	10 27		n.a.
F 18	23 2	16 26	2 34	23 18	1 1	23 14	0 29	10 41	0 38	14 4	0 47	6 4	2 31	18 7	0 6	22 46	0 25	22 32	0 11	9 0	8 50	10 29		n.a.
S 19	23 8	13 40	1 30	23 44	1 9	23 25	0 31	10 56	0 38	14 8	0 47	6 3	2 31	18 7	0 6	22 46	0 25	22 33	0 11	9 1	8 52	10 31		n.a.
S 20	23 14	10 19	0 24	24 7	1 16	23 36	0 33	11 11	0 37	14 11	0 47	6 3	2 32	18 6	0 6	22 46	0 25	22 33	0 11	9 2	8 53	10 32		n.a.
M21	23 19	6 35	0n42	24 28	1 23	23 45	0 35	11 26	0 36	14 15	0 47	6 2	2 32	18 5	0 6	22 45	0 25	22 33	0 11	9 2	8 54	10 34		n.a.
T 22	23 24	2 40	1 45	24 46	1 29	23 54	0 38	11 41	0 36	14 19	0 46	6 1	2 32	18 5	0 6	22 45	0 25	22 34	0 11	9 2	8 55	10 36		n.a.
W23	23 28	1s17	2 42	25 1	1 34	24 3	0 40	11 55	0 35	14 23	0 46	6 1	2 32	18 4	0 6	22 45	0 25	22 34	0 12	9 2	8 56	10 38		n.a.
T 24	23 32	5 9	3 31	25 14	1 38	24 11	0 42	12 10	0 35	14 27	0 46	6 0	2 33	18 4	0 6	22 45	0 25	22 34	0 12	9 3	8 58	10 39		n.a.
F 25	23 36	8 48	4 11	25 24	1 42	24 18	0 44	12 24	0 34	14 31	0 46	6 0	2 33	18 3	0 6	22 44	0 25	22 35	0 12	9 6	8 59	10 41		n.a.
S 26	23 39	12 7	4 40	25 31	1 45	24 24	0 46	12 38	0 33	14 35	0 46	5 59	2 33	18 3	0 6	22 44	0 25	22 35	0 12	9 9	9 0	10 43		n.a.
S 27	23 41	14 57	4 57	25 35	1 47	24 29	0 48	12 52	0 33	14 38	0 46	5 59	2 34	18 2	0 6	22 44	0 25	22 35	0 12	9 13	9 1	10 44		n.a.
M28	23 44	17 11	5 1	25 37	1 48	24 34	0 50	13 6	0 32	14 42	0 46	5 58	2 34	18 2	0 6	22 43	0 25	22 35	0 12	9 18	9 2	10 46		n.a.
T 29	23 46	18 40	4 51	25 37	1 49	24 38	0 52	13 20	0 31	14 46	0 46	5 58	2 34	18 1	0 6	22 43	0 25	22 36	0 12	9 22	9 4	10 48		n.a.
W30	23n47	19s18	4n28	25n34	1n50	24n42	0n53	13n34	0s31	14n49	0s46	5s57	2s34	18s 1	0n 6	22n43	0n25	22n36	0n12	9n27	9n 5	10s50		n.a.

Julian Day Number = 1342810.5, Delta T = 07h14m14s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'08, Lahiri = -18°16'08 Julian Calendar 1 June 1037 BCE == Greg. Calendar 22 May 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

JULY 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 28	28♊ 7'24	16♉ 2	6♋32	29♊20	7♉36	11♉48	21♓ 5	20°R18	20♋ 2	10♊43	5°R52	6♍57	10♏36	n.a.	T 1
F 2	18 1 25	29° 4'53	28°45	8°26	0♋34	8°15	12° 0	21° 6	20♏16	20° 5	10°45	5♍44	6°53	10°42	n.a.	F 2
S 3	18 5 21	0♋ 2'23	11♒38	10°20	1°48	8°54	12°11	21° 7	20°14	20° 7	10°46	5°39	6°50	10°49	n.a.	S 3
S 4	18 9 18	0°59'55	24°43	12°12	3° 2	9°33	12°22	21° 9	20°13	20° 9	10°48	5°37	6°47	10°56	n.a.	S 4
M 5	18 13 14	1°57'28	8♓ 1	14° 2	4°16	10°12	12°33	21°10	20°11	20°11	10°49	5°D36	6°44	11° 2	n.a.	M 5
T 6	18 17 11	2°55'03	21°34	15°51	5°31	10°51	12°44	21°11	20° 9	20°13	10°51	5°37	6°41	11° 9	n.a.	T 6
W 7	18 21 7	3°52'40	5♈23	17°38	6°45	11°30	12°55	21°11	20° 8	20°15	10°52	5°R37	6°37	11°16	n.a.	W 7
T 8	18 25 4	4°50'18	19°28	19°24	7°59	12° 9	13° 6	21°12	20° 6	20°17	10°54	5°36	6°34	11°23	n.a.	T 8
F 9	18 29 1	5°47'58	3♉50	21° 8	9°13	12°47	13°17	21°13	20° 5	20°19	10°55	5°33	6°31	11°29	n.a.	F 9
S 10	18 32 57	6°45'40	18°24	22°51	10°28	13°26	13°28	21°13	20° 3	20°22	10°57	5°28	6°28	11°36	n.a.	S 10
S 11	18 36 54	7°43'24	3♊ 6	24°33	11°42	14° 5	13°38	21°13	20° 2	20°24	10°58	5°21	6°25	11°43	n.a.	S 11
M12	18 40 50	8°41'09	17°51	26°13	12°56	14°43	13°49	21°14	20° 1	20°26	11° 0	5°13	6°22	11°49	n.a.	M12
T 13	18 44 47	9°38'56	2♋29	27°52	14°11	15°21	13°59	21°14	19°59	20°28	11° 1	5° 4	6°18	11°56	n.a.	T 13
W14	18 48 43	10°36'45	16°53	29°29	15°25	16° 0	14°10	21°R14	19°58	20°30	11° 3	4°56	6°15	12° 3	n.a.	W14
T 15	18 52 40	11°34'35	0♌58	1♌ 5	16°39	16°38	14°20	21°14	19°57	20°33	11° 4	4°50	6°12	12°10	n.a.	T 15
F 16	18 56 36	12°32'27	14°39	2°39	17°54	17°16	14°30	21°14	19°56	20°35	11° 5	4°46	6° 9	12°16	n.a.	F 16
S 17	19 0 33	13°30'20	27°54	4°12	19° 8	17°54	14°40	21°13	19°55	20°37	11° 7	4°44	6° 6	12°23	n.a.	S 17
S 18	19 4 30	14°28'15	10♍46	5°44	20°23	18°32	14°50	21°13	19°54	20°39	11° 8	4°D44	6° 3	12°30	n.a.	S 18
M19	19 8 26	15°26'11	23°17	7°14	21°37	19° 9	15° 0	21°12	19°53	20°41	11°10	4°45	5°59	12°36	n.a.	M19
T 20	19 12 23	16°24'08	5♎30	8°43	22°52	19°47	15° 9	21°12	19°52	20°44	11°11	4°46	5°56	12°43	n.a.	T 20
W21	19 16 19	17°22'07	17°32	10°10	24° 6	20°25	15°19	21°11	19°51	20°46	11°12	4°R47	5°53	12°50	n.a.	W21
T 22	19 20 16	18°20'07	29°26	11°36	25°20	21° 2	15°28	21°10	19°50	20°48	11°14	4°46	5°50	12°57	n.a.	T 22
F 23	19 24 12	19°18'09	11♏18	13° 0	26°35	21°40	15°38	21° 9	19°49	20°50	11°15	4°43	5°47	13° 3	n.a.	F 23
S 24	19 28 9	20°16'13	23°12	14°23	27°49	22°17	15°47	21° 8	19°48	20°53	11°16	4°39	5°43	13°10	n.a.	S 24
S 25	19 32 5	21°14'18	5♐12	15°45	29° 4	22°54	15°56	21° 7	19°47	20°55	11°17	4°33	5°40	13°17	n.a.	S 25
M26	19 36 2	22°12'25	17°22	17° 4	0♌18	23°31	16° 5	21° 6	19°47	20°57	11°19	4°26	5°37	13°23	n.a.	M26
T 27	19 39 58	23°10'34	29°44	18°23	1°33	24° 8	16°14	21° 5	19°46	20°59	11°20	4°18	5°34	13°30	n.a.	T 27
W28	19 43 55	24° 8'44	12♑19	19°39	2°47	24°45	16°23	21° 3	19°45	21° 2	11°21	4°11	5°31	13°37	n.a.	W28
T 29	19 47 52	25° 6'56	25° 7	20°54	4° 2	25°22	16°31	21° 2	19°45	21° 4	11°23	4° 5	5°28	13°44	n.a.	T 29
F 30	19 51 48	26° 5'10	8♒ 9	22° 7	5°17	25°59	16°40	21° 0	19°44	21° 6	11°24	4° 1	5°24	13°50	n.a.	F 30
S 31	19 55 45	27♋ 3'26	21♒24	23♌18	6♌31	26♉35	16♉48	20♓58	19♏44	21♋ 8	11♊25	3♍58	5♍21	13♏57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	19s 0	3n51	25n28	1n49	24n44	0n55	13n48	0s30	14n53	0s46	5s57	2s35	18s 0	0n 6	22n42	0n25	22n36	0n12	9n30	9n 6	10s51			n.a.
F 2	23 49	17 45	3 3	25 21	1 48	24 46	0 57	14 1	0 29	14 56	0 46	5 57	2 35	18 0	0 6	22 42	0 25	22 37	0 12	9 33	9 7	10 53			n.a.
S 3	23 49	15 35	2 4	25 11	1 47	24 47	0 59	14 14	0 29	15 0	0 46	5 57	2 35	17 59	0 6	22 42	0 25	22 37	0 12	9 35	9 8	10 55			n.a.
S 4	23 49	12 35	0 58	24 59	1 45	24 47	1 0	14 28	0 28	15 3	0 46	5 57	2 36	17 59	0 6	22 42	0 25	22 37	0 12	9 36	9 10	10 56			n.a.
M 5	23 48	8 53	0s13	24 45	1 42	24 47	1 2	14 41	0 27	15 7	0 46	5 56	2 36	17 59	0 6	22 41	0 25	22 37	0 12	9 36	9 11	10 58			n.a.
T 6	23 47	4 41	1 24	24 30	1 39	24 46	1 4	14 54	0 26	15 10	0 46	5 56	2 36	17 58	0 6	22 41	0 25	22 38	0 12	9 36	9 12	11 0			n.a.
W 7	23 45	0 9	2 32	24 13	1 36	24 44	1 5	15 7	0 26	15 14	0 46	5 56	2 37	17 58	0 6	22 41	0 25	22 38	0 12	9 36	9 13	11 2			n.a.
T 8	23 44	4n28	3 32	23 54	1 32	24 41	1 7	15 19	0 25	15 17	0 46	5 56	2 37	17 57	0 6	22 40	0 25	22 38	0 12	9 36	9 14	11 3			n.a.
F 9	23 41	8 55	4 20	23 34	1 28	24 37	1 8	15 32	0 24	15 20	0 46	5 56	2 37	17 57	0 6	22 40	0 25	22 38	0 13	9 37	9 16	11 5			n.a.
S 10	23 38	12 54	4 52	23 12	1 23	24 33	1 10	15 45	0 24	15 23	0 46	5 56	2 38	17 57	0 6	22 40	0 25	22 39	0 13	9 39	9 17	11 7			n.a.
S 11	23 35	16 8	5 5	22 49	1 18	24 28	1 11	15 57	0 23	15 27	0 46	5 57	2 38	17 56	0 6	22 39	0 25	22 39	0 13	9 42	9 18	11 8			n.a.
M12	23 32	18 19	4 58	22 25	1 12	24 22	1 12	16 9	0 22	15 30	0 46	5 57	2 38	17 56	0 6	22 39	0 25	22 39	0 13	9 45	9 19	11 10			n.a.
T 13	23 28	19 16	4 31	22 0	1 7	24 16	1 13	16 21	0 21	15 33	0 46	5 57	2 38	17 56	0 6	22 39	0 25	22 40	0 13	9 48	9 20	11 12			n.a.
W14	23 23	18 58	3 48	21 34	1 0	24 9	1 15	16 33	0 21	15 36	0 46	5 57	2 39	17 55	0 6	22 38	0 25	22 40	0 13	9 51	9 21	11 13			n.a.
T 15	23 18	17 29	2 51	21 7	0 54	24 1	1 16	16 45	0 20	15 39	0 46	5 57	2 39	17 55	0 6	22 38	0 25	22 40	0 13	9 53	9 23	11 15			n.a.
F 16	23 13	15 1	1 46	20 39	0 47	23 52	1 17	16 57	0 19	15 42	0 46	5 58	2 39	17 55	0 6	22 38	0 25	22 40	0 13	9 55	9 24	11 17			n.a.
S 17	23 7	11 49	0 37	20 10	0 40	23 43	1 18	17 8	0 18	15 45	0 46	5 58	2 40	17 54	0 6	22 37	0 25	22 41	0 13	9 56	9 25	11 19			n.a.
S 18	23 1	8 9	0n33	19 40	0 33	23 33	1 19	17 20	0 18	15 48	0 46	5 59	2 40	17 54	0 6	22 37	0 25	22 41	0 13	9 56	9 26	11 20			n.a.
M19	22 54	4 13	1 38	19 10	0 26	23 22	1 20	17 31	0 17	15 51	0 47	5 59	2 40	17 54	0 6	22 37	0 25	22 41	0 13	9 55	9 27	11 22			n.a.
T 20	22 47	0 12	2 38	18 40	0 18	23 10	1 21	17 42	0 16	15 54	0 47	6 0	2 40	17 54	0 6	22 36	0 25	22 41	0 13	9 55	9 29	11 24			n.a.
W21	22 40	3s45	3 30	18 8	0 10	22 58	1 21	17 53	0 15	15 57	0 47	6 0	2 41	17 53	0 6	22 36	0 25	22 42	0 13	9 55	9 30	11 25			n.a.
T 22	22 32	7 31	4 12	17 37	0 2	22 45	1 22	18 4	0 15	15 59	0 47	6 1	2 41	17 53	0 5	22 36	0 25	22 42	0 13	9 55	9 31	11 27			n.a.
F 23	22 24	10 58	4 44	17 5	0s 6	22 31	1 23	18 15	0 14	16 2	0 47	6 1	2 41	17 53	0 5	22 35	0 25	22 42	0 13	9 56	9 32	11 29			n.a.
S 24	22 16	13 59	5 3	16 33	0 14	22 17	1 23	18 25	0 13	16 5	0 47	6 2	2 42	17 53	0 5	22 35	0 25	22 42	0 14	9 57	9 33	11 30			n.a.
S 25	22 7	16 27	5 9	16 0	0 23	22 2	1 24	18 36	0 12	16 7	0 47	6 3	2 42	17 52	0 5	22 35	0 25	22 43	0 14	10 0	9 35	11 32			n.a.
M26	21 57	18 13	5 1	15 28	0 31	21 47	1 24	18 46	0 11	16 10	0 47	6 4	2 42	17 52	0 5	22 34	0 25	22 43	0 14	10 2	9 36	11 34			n.a.
T 27	21 47	19 10	4 39	14 55	0 40	21 30	1 25	18 56	0 11	16 13	0 47	6 4	2 43	17 52	0 5	22 34	0 25	22 43	0 14	10 5	9 37	11 35			n.a.
W28	21 37	19 12	4 4	14 23	0 49	21 13	1 25	19 6	0 10	16 15	0 47	6 5	2 43	17 52	0 5	22 34	0 25	22 43	0 14	10 8	9 38	11 37			n.a.
T 29	21 27	18 15	3 15	13 50	0 58	20 56	1 25	19 16	0 9	16 18	0 47	6 6	2 43	17 52	0 5	22 33	0 25	22 44	0 14	10 10	9 39	11 39			n.a.
F 30	21 16	16 20	2 16	13 18	1 7	20 38	1 26	19 25	0 8	16 20	0 47	6 7	2 43	17 52	0 5	22 33	0 25	22 44	0 14	10 11	9 40	11 41			n.a.
S 31	21n 5	13s31	1n 8	12n46	1s16	20n19	1n26	19n35	0s 7	16n23	0s47	6s 8	2s44	17s52	0n 5	22n33	0n25	22n44	0n14	10n12	9n42	11s42			n.a.

Julian Day Number = 1342840.5, Delta T = 07h14m13s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'04, Lahiri = -18°16'04 Julian Calendar 1 July 1037 BCE == Greg. Calendar 21 June 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

AUGUST 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 41	28♋ 1'44	4♓51	24♌27	7♌46	27♉12	16♉57	20°R56	19°R43	21♋10	11♊26	3°D58	5♍18	14♏ 4	n.a.	S 1
M 2	20 3 38	29° 0'05	18°28	25°35	9° 0	27°48	17° 5	20♓55	19♏43	21°13	11°27	3♍58	5°15	14°10	n.a.	M 2
T 3	20 7 34	29°58'27	2♈16	26°39	10°15	28°25	17°13	20°52	19°43	21°15	11°28	4° 0	5°12	14°17	n.a.	T 3
W 4	20 11 31	0♌56'52	16°13	27°42	11°29	29° 1	17°21	20°50	19°42	21°17	11°30	4° 1	5° 8	14°24	n.a.	W 4
T 5	20 15 27	1°55'19	0♉19	28°42	12°44	29°37	17°28	20°48	19°42	21°19	11°31	4°R 2	5° 5	14°31	n.a.	T 5
F 6	20 19 24	2°53'48	14°31	29°40	13°59	0♊13	17°36	20°46	19°42	21°21	11°32	4° 1	5° 2	14°37	n.a.	F 6
S 7	20 23 21	3°52'20	28°49	0♍35	15°13	0°49	17°43	20°43	19°42	21°24	11°33	4° 0	4°59	14°44	n.a.	S 7
S 8	20 27 17	4°50'54	13♊ 8	1°27	16°28	1°25	17°51	20°41	19°42	21°26	11°34	3°56	4°56	14°51	n.a.	S 8
M 9	20 31 14	5°49'30	27°25	2°16	17°42	2° 1	17°58	20°38	19°D42	21°28	11°35	3°53	4°53	14°57	n.a.	M 9
T 10	20 35 10	6°48'09	11♋36	3° 1	18°57	2°36	18° 5	20°35	19°42	21°30	11°36	3°48	4°49	15° 4	n.a.	T 10
W11	20 39 7	7°46'50	25°36	3°43	20°12	3°12	18°12	20°33	19°42	21°32	11°37	3°45	4°46	15°11	n.a.	W11
T 12	20 43 3	8°45'33	9♌20	4°20	21°26	3°47	18°18	20°30	19°42	21°34	11°38	3°42	4°43	15°18	n.a.	T 12
F 13	20 47 0	9°44'18	22°46	4°54	22°41	4°22	18°25	20°27	19°42	21°37	11°39	3°40	4°40	15°24	n.a.	F 13
S 14	20 50 56	10°43'05	5♍53	5°23	23°56	4°58	18°31	20°24	19°42	21°39	11°40	3°D40	4°37	15°31	n.a.	S 14
S 15	20 54 53	11°41'54	18°40	5°46	25°10	5°33	18°38	20°20	19°43	21°41	11°41	3°41	4°34	15°38	n.a.	S 15
M16	20 58 50	12°40'45	1♎ 9	6° 5	26°25	6° 7	18°44	20°17	19°43	21°43	11°42	3°42	4°30	15°44	n.a.	M16
T 17	21 2 46	13°39'38	13°23	6°18	27°40	6°42	18°50	20°14	19°43	21°45	11°42	3°44	4°27	15°51	n.a.	T 17
W18	21 6 43	14°38'33	25°25	6°25	28°54	7°17	18°55	20°10	19°44	21°47	11°43	3°45	4°24	15°58	n.a.	W18
T 19	21 10 39	15°37'30	7♏20	6°R25	0♍ 9	7°51	19° 1	20° 7	19°44	21°49	11°44	3°46	4°21	16° 5	n.a.	T 19
F 20	21 14 36	16°36'29	19°13	6°18	1°24	8°26	19° 6	20° 3	19°45	21°51	11°45	3°R46	4°18	16°11	n.a.	F 20
S 21	21 18 32	17°35'29	1♐ 7	6° 4	2°38	9° 0	19°12	20° 0	19°46	21°53	11°46	3°46	4°14	16°18	n.a.	S 21
S 22	21 22 29	18°34'32	13° 9	5°43	3°53	9°34	19°17	19°56	19°46	21°55	11°47	3°44	4°11	16°25	n.a.	S 22
M23	21 26 25	19°33'37	25°21	5°15	5° 8	10° 8	19°22	19°52	19°47	21°57	11°47	3°43	4° 8	16°31	n.a.	M23
T 24	21 30 22	20°32'43	7♑48	4°38	6°22	10°42	19°27	19°48	19°48	21°59	11°48	3°41	4° 5	16°38	n.a.	T 24
W25	21 34 18	21°31'52	20°32	3°54	7°37	11°16	19°31	19°44	19°49	22° 1	11°49	3°39	4° 2	16°45	n.a.	W25
T 26	21 38 15	22°31'02	3♒34	3° 4	8°52	11°49	19°36	19°41	19°49	22° 3	11°49	3°37	3°59	16°52	n.a.	T 26
F 27	21 42 12	23°30'15	16°55	2° 6	10° 6	12°23	19°40	19°36	19°50	22° 5	11°50	3°36	3°55	16°58	n.a.	F 27
S 28	21 46 8	24°29'30	0♓33	1° 4	11°21	12°56	19°44	19°32	19°51	22° 7	11°51	3°D36	3°52	17° 5	n.a.	S 28
S 29	21 50 5	25°28'47	14°26	29♌57	12°36	13°29	19°48	19°28	19°52	22° 9	11°51	3°36	3°49	17°12	n.a.	S 29
M30	21 54 1	26°28'06	28°31	28°47	13°50	14° 2	19°51	19°24	19°53	22°11	11°52	3°37	3°46	17°18	n.a.	M30
T 31	21 57 58	27♌27'27	12♈44	27♌37	15♍ 5	14♊35	19♉55	19♓20	19♏54	22♋13	11♊52	3♍37	3♍43	17♏25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	20n53	9s57	0s 5	12n14	1s25	20n 0	1n26	19n44	0s 6	16n25	0s47	6s 9	2s44	17s51	0n 5	22n32	0n25	22n44	0n14	10n13	9n43	11s44					n.a.
M 2	20 41	5 50	1 18	11 43	1 35	19 40	1 26	19 54	0 5	16 27	0 47	6 10	2 44	17 51	0 5	22 32	0 25	22 45	0 14	10 12	9 44	11 46					n.a.
T 3	20 28	1 21	2 28	11 12	1 44	19 20	1 26	20 3	0 5	16 29	0 47	6 11	2 44	17 51	0 5	22 32	0 25	22 45	0 14	10 12	9 45	11 47					n.a.
W 4	20 16	3n15	3 30	10 42	1 53	18 59	1 26	20 12	0 4	16 32	0 47	6 12	2 45	17 51	0 5	22 31	0 25	22 45	0 14	10 11	9 46	11 49					n.a.
T 5	20 3	7 42	4 20	10 12	2 2	18 37	1 25	20 20	0 3	16 34	0 47	6 13	2 45	17 51	0 5	22 31	0 26	22 45	0 14	10 11	9 48	11 51					n.a.
F 6	19 49	11 45	4 55	9 43	2 11	18 15	1 25	20 29	0 2	16 36	0 47	6 14	2 45	17 51	0 5	22 31	0 26	22 45	0 14	10 11	9 49	11 52					n.a.
S 7	19 35	15 9	5 12	9 15	2 20	17 53	1 25	20 38	0 1	16 38	0 47	6 16	2 45	17 51	0 5	22 30	0 26	22 46	0 15	10 12	9 50	11 54					n.a.
S 8	19 21	17 38	5 9	8 49	2 29	17 29	1 25	20 46	0 0	16 40	0 47	6 17	2 46	17 51	0 5	22 30	0 26	22 46	0 15	10 13	9 51	11 56					n.a.
M 9	19 7	19 1	4 47	8 23	2 38	17 6	1 24	20 54	0n 1	16 42	0 47	6 18	2 46	17 51	0 5	22 30	0 26	22 46	0 15	10 15	9 52	11 57					n.a.
T 10	18 52	19 11	4 8	7 59	2 46	16 42	1 24	21 2	0 2	16 44	0 47	6 19	2 46	17 51	0 5	22 29	0 26	22 46	0 15	10 16	9 53	11 59					n.a.
W11	18 37	18 11	3 14	7 36	2 55	16 17	1 23	21 10	0 3	16 46	0 47	6 21	2 46	17 51	0 5	22 29	0 26	22 47	0 15	10 17	9 55	12 1					n.a.
T 12	18 21	16 7	2 10	7 14	3 3	15 53	1 22	21 18	0 3	16 48	0 47	6 22	2 47	17 51	0 5	22 29	0 26	22 47	0 15	10 18	9 56	12 2					n.a.
F 13	18 5	13 12	1 0	6 55	3 10	15 27	1 22	21 25	0 4	16 50	0 47	6 24	2 47	17 51	0 5	22 28	0 26	22 47	0 15	10 19	9 57	12 4					n.a.
S 14	17 49	9 41	0n12	6 38	3 18	15 1	1 21	21 33	0 5	16 51	0 47	6 25	2 47	17 51	0 5	22 28	0 26	22 47	0 15	10 19	9 58	12 6					n.a.
S 15	17 33	5 48	1 22	6 23	3 24	14 35	1 20	21 40	0 6	16 53	0 47	6 27	2 47	17 51	0 5	22 28	0 26	22 47	0 15	10 19	9 59	12 7					n.a.
M16	17 16	1 45	2 26	6 10	3 30	14 9	1 19	21 47	0 7	16 55	0 47	6 28	2 48	17 52	0 5	22 27	0 26	22 48	0 15	10 18	10 1	12 9					n.a.
T 17	16 59	2s16	3 22	6 0	3 36	13 42	1 18	21 54	0 8	16 56	0 47	6 30	2 48	17 52	0 5	22 27	0 26	22 48	0 15	10 18	10 2	12 11					n.a.
W18	16 42	6 8	4 8	5 53	3 41	13 14	1 17	22 1	0 9	16 58	0 47	6 31	2 48	17 52	0 5	22 27	0 26	22 48	0 15	10 17	10 3	12 12					n.a.
T 19	16 24	9 43	4 43	5 50	3 45	12 47	1 16	22 8	0 10	16 59	0 47	6 33	2 48	17 52	0 5	22 26	0 26	22 48	0 15	10 17	10 4	12 14					n.a.
F 20	16 6	12 54	5 6	5 49	3 47	12 19	1 15	22 14	0 11	17 1	0 47	6 34	2 48	17 52	0 5	22 26	0 26	22 48	0 15	10 17	10 5	12 15					n.a.
S 21	15 48	15 34	5 16	5 53	3 49	11 50	1 14	22 21	0 12	17 2	0 47	6 36	2 49	17 52	0 5	22 26	0 26	22 48	0 15	10 17	10 6	12 17					n.a.
S 22	15 30	17 35	5 12	6 1	3 49	11 22	1 12	22 27	0 13	17 4	0 47	6 38	2 49	17 53	0 5	22 25	0 26	22 49	0 16	10 18	10 8	12 19					n.a.
M23	15 11	18 50	4 54	6 12	3 48	10 53	1 11	22 33	0 14	17 5	0 47	6 39	2 49	17 53	0 5	22 25	0 26	22 49	0 16	10 18	10 9	12 20					n.a.
T 24	14 52	19 14	4 22	6 28	3 45	10 23	1 10	22 39	0 15	17 6	0 47	6 41	2 49	17 53	0 5	22 25	0 26	22 49	0 16	10 19	10 10	12 22					n.a.
W25	14 33	18 39	3 36	6 48	3 41	9 54	1 8	22 45	0 16	17 8	0 47	6 43	2 49	17 53	0 5	22 25	0 26	22 49	0 16	10 20	10 11	12 24					n.a.
T 26	14 13	17 5	2 39	7 13	3 34	9 24	1 7	22 51	0 17	17 9	0 48	6 44	2 50	17 53	0 5	22 24	0 26	22 49	0 16	10 20	10 12	12 25					n.a.
F 27	13 54	14 34	1 31	7 41	3 26	8 54	1 5	22 56	0 18	17 10	0 48	6 46	2 50	17 54	0 5	22 24	0 26	22 49	0 16	10 20	10 13	12 27					n.a.
S 28	13 34	11 11	0 17	8 14	3 15	8 24	1 4	23 2	0 19	17 11	0 48	6 48	2 50	17 54	0 5	22 24	0 26	22 50	0 16	10 21	10 15	12 29					n.a.
S 29	13 14	7 8	1s 0	8 49	3 3	7 53	1 2	23 7	0 20	17 12	0 48	6 50	2 50	17 54	0 5	22 23	0 26	22 50	0 16	10 21	10 16	12 30					n.a.
M30	12 53	2 38	2 14	9 27	2 49	7 23	1 0	23 12	0 21	17 13	0 48	6 52	2 50	17 55	0 5	22 23	0 26	22 50	0 16	10 20	10 17	12 32					n.a.
T 31	12n33	2n 2	3s20	10n 7	2s33	6n52	0n58	23n17	0n22	17n14	0s48	6s54	2s50	17s55	0n 5	22n23	0n26	22n50	0n16	10n20	10n18	12s34					n.a.

Julian Day Number = 1342871.5, Delta T = 07h14m11s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°23'00, Lahiri = -18°16'00 Julian Calendar 1 Aug. 1037 BCE == Greg. Calendar 22 July 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

SEPTEMBER 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 1 54	28♌26'51	27♈ 2	26°R27	16♍20	15♊ 8	19♉58	19°R15	19♓56	22♋15	11♊53	3♍38	3♍40	17♏32	n.a.	W 1
T 2	22 5 51	29°26'17	11♉20	25♌20	17°34	15°41	20° 2	19♓11	19°57	22°17	11°53	3°38	3°36	17°39	n.a.	T 2
F 3	22 9 47	0♍25'46	25°35	24°18	18°49	16°13	20° 4	19° 6	19°58	22°19	11°54	3°R38	3°33	17°45	n.a.	F 3
S 4	22 13 44	1°25'18	9♊45	23°22	20° 3	16°45	20° 7	19° 2	19°59	22°21	11°54	3°38	3°30	17°52	n.a.	S 4
S 5	22 17 40	2°24'52	23°48	22°35	21°18	17°17	20°10	18°57	20° 1	22°22	11°55	3°38	3°27	17°59	n.a.	S 5
M 6	22 21 37	3°24'28	7♋42	21°56	22°33	17°49	20°12	18°53	20° 2	22°24	11°55	3°D38	3°24	18° 5	n.a.	M 6
T 7	22 25 34	4°24'07	21°25	21°28	23°47	18°21	20°14	18°48	20° 4	22°26	11°56	3°38	3°20	18°12	n.a.	T 7
W 8	22 29 30	5°23'48	4♌57	21°11	25° 2	18°53	20°16	18°44	20° 5	22°28	11°56	3°38	3°17	18°19	n.a.	W 8
T 9	22 33 27	6°23'32	18°15	21°D 5	26°17	19°24	20°18	18°39	20° 7	22°29	11°56	3°39	3°14	18°26	n.a.	T 9
F 10	22 37 23	7°23'17	1♍20	21°10	27°31	19°56	20°20	18°34	20° 8	22°31	11°57	3°R39	3°11	18°32	n.a.	F 10
S 11	22 41 20	8°23'05	14°10	21°26	28°46	20°27	20°21	18°29	20°10	22°33	11°57	3°39	3° 8	18°39	n.a.	S 11
S 12	22 45 16	9°22'55	26°46	21°52	0♎ 1	20°58	20°23	18°25	20°12	22°35	11°57	3°38	3° 5	18°46	n.a.	S 12
M13	22 49 13	10°22'47	9♎ 8	22°28	1°15	21°28	20°24	18°20	20°13	22°36	11°58	3°37	3° 1	18°53	n.a.	M13
T 14	22 53 9	11°22'41	21°19	23°12	2°30	21°59	20°24	18°15	20°15	22°38	11°58	3°36	2°58	18°59	n.a.	T 14
W15	22 57 6	12°22'36	3♏20	24° 5	3°44	22°29	20°25	18°10	20°17	22°39	11°58	3°35	2°55	19° 6	n.a.	W15
T 16	23 1 2	13°22'34	15°14	25° 4	4°59	22°59	20°26	18° 5	20°19	22°41	11°58	3°34	2°52	19°13	n.a.	T 16
F 17	23 4 59	14°22'34	27° 6	26°10	6°13	23°29	20°26	18° 1	20°21	22°42	11°58	3°33	2°49	19°19	n.a.	F 17
S 18	23 8 56	15°22'35	8♐59	27°22	7°28	23°59	20°R26	17°56	20°23	22°44	11°58	3°32	2°45	19°26	n.a.	S 18
S 19	23 12 52	16°22'38	20°59	28°38	8°43	24°28	20°26	17°51	20°25	22°45	11°58	3°D32	2°42	19°33	n.a.	S 19
M20	23 16 49	17°22'43	3♑ 9	29°58	9°57	24°58	20°25	17°46	20°27	22°47	11°59	3°33	2°39	19°40	n.a.	M20
T 21	23 20 45	18°22'50	15°34	1♍22	11°12	25°27	20°25	17°41	20°29	22°48	11°59	3°34	2°36	19°46	n.a.	T 21
W22	23 24 42	19°22'58	28°19	2°49	12°26	25°56	20°24	17°36	20°31	22°50	11°R59	3°35	2°33	19°53	n.a.	W22
T 23	23 28 38	20°23'08	11♒26	4°18	13°41	26°24	20°23	17°31	20°33	22°51	11°59	3°37	2°30	20° 0	n.a.	T 23
F 24	23 32 35	21°23'20	24°58	5°50	14°55	26°53	20°22	17°26	20°35	22°53	11°59	3°38	2°26	20° 6	n.a.	F 24
S 25	23 36 31	22°23'33	8♓52	7°23	16°10	27°21	20°20	17°22	20°38	22°54	11°59	3°R38	2°23	20°13	n.a.	S 25
S 26	23 40 28	23°23'49	23° 8	8°57	17°24	27°49	20°19	17°17	20°40	22°55	11°58	3°37	2°20	20°20	n.a.	S 26
M27	23 44 25	24°24'06	7♈41	10°32	18°39	28°17	20°17	17°12	20°42	22°56	11°58	3°35	2°17	20°27	n.a.	M27
T 28	23 48 21	25°24'25	22°24	12° 8	19°53	28°44	20°15	17° 7	20°45	22°58	11°58	3°32	2°14	20°33	n.a.	T 28
W29	23 52 18	26°24'47	7♉ 9	13°45	21° 8	29°12	20°13	17° 2	20°47	22°59	11°58	3°29	2°11	20°40	n.a.	W29
T 30	23 56 14	27♍25'10	21♉51	15♍22	22♎22	29♊39	20♉11	16♓58	20♏50	23♋ 0	11♊58	3♍26	2♍ 7	20♏47	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n12	6n37	4s15	10n47	2s15	6n21	0n57	23n22	0n24	17n15	0s48	6s55	2s50	17s55	0n 5	22n22	0n26	22n50	0n16	10n20	10n19	12s35		n.a.
T 2	11 51	10 49	4 54	11 28	1 56	5 49	0 55	23 26	0 25	17 16	0 48	6 57	2 51	17 56	0 5	22 22	0 26	22 50	0 16	10 20	10 20	12 37		n.a.
F 3	11 30	14 22	5 14	12 7	1 36	5 18	0 53	23 31	0 26	17 16	0 48	6 59	2 51	17 56	0 5	22 22	0 26	22 50	0 16	10 20	10 22	12 38		n.a.
S 4	11 8	17 4	5 15	12 45	1 16	4 46	0 51	23 35	0 27	17 17	0 48	7 1	2 51	17 56	0 5	22 22	0 26	22 51	0 16	10 20	10 23	12 40		n.a.
S 5	10 47	18 43	4 58	13 19	0 56	4 15	0 49	23 40	0 28	17 18	0 48	7 3	2 51	17 57	0 5	22 21	0 26	22 51	0 17	10 20	10 24	12 42		n.a.
M 6	10 25	19 13	4 23	13 51	0 36	3 43	0 47	23 44	0 29	17 18	0 48	7 5	2 51	17 57	0 5	22 21	0 26	22 51	0 17	10 20	10 25	12 43		n.a.
T 7	10 3	18 34	3 33	14 18	0 17	3 11	0 45	23 48	0 30	17 19	0 48	7 7	2 51	17 57	0 5	22 21	0 26	22 51	0 17	10 20	10 26	12 45		n.a.
W 8	9 41	16 52	2 33	14 42	0n 2	2 39	0 42	23 52	0 31	17 19	0 48	7 9	2 51	17 58	0 5	22 20	0 26	22 51	0 17	10 20	10 27	12 47		n.a.
T 9	9 18	14 16	1 24	15 0	0 19	2 7	0 40	23 56	0 33	17 20	0 48	7 11	2 51	17 58	0 5	22 20	0 26	22 51	0 17	10 20	10 29	12 48		n.a.
F 10	8 56	10 58	0 13	15 14	0 36	1 35	0 38	23 59	0 34	17 20	0 48	7 13	2 51	17 59	0 5	22 20	0 26	22 51	0 17	10 20	10 30	12 50		n.a.
S 11	8 33	7 13	0n58	15 23	0 51	1 3	0 36	24 3	0 35	17 21	0 48	7 15	2 52	17 59	0 5	22 20	0 26	22 51	0 17	10 20	10 31	12 51		n.a.
S 12	8 10	3 13	2 5	15 27	1 4	0 30	0 33	24 6	0 36	17 21	0 48	7 17	2 52	18 0	0 5	22 19	0 26	22 52	0 17	10 20	10 32	12 53		n.a.
M13	7 48	0s52	3 4	15 26	1 16	0s 2	0 31	24 10	0 37	17 21	0 48	7 19	2 52	18 0	0 5	22 19	0 26	22 52	0 17	10 20	10 33	12 55		n.a.
T 14	7 25	4 49	3 55	15 21	1 26	0 34	0 29	24 13	0 39	17 21	0 48	7 21	2 52	18 1	0 5	22 19	0 26	22 52	0 17	10 20	10 34	12 56		n.a.
W15	7 1	8 32	4 34	15 12	1 35	1 7	0 26	24 16	0 40	17 22	0 48	7 23	2 52	18 1	0 5	22 19	0 26	22 52	0 17	10 21	10 36	12 58		n.a.
T 16	6 38	11 52	5 1	14 59	1 43	1 39	0 24	24 19	0 41	17 22	0 48	7 25	2 52	18 2	0 5	22 18	0 26	22 52	0 17	10 21	10 37	13 0		n.a.
F 17	6 15	14 43	5 15	14 42	1 49	2 11	0 21	24 22	0 42	17 22	0 48	7 26	2 52	18 2	0 5	22 18	0 26	22 52	0 17	10 22	10 38	13 1		n.a.
S 18	5 51	16 57	5 15	14 22	1 54	2 43	0 19	24 24	0 44	17 22	0 48	7 28	2 52	18 3	0 5	22 18	0 26	22 52	0 17	10 22	10 39	13 3		n.a.
S 19	5 27	18 29	5 2	13 59	1 58	3 16	0 16	24 27	0 45	17 22	0 48	7 30	2 52	18 3	0 5	22 18	0 26	22 52	0 18	10 22	10 40	13 4		n.a.
M20	5 4	19 11	4 35	13 33	2 1	3 48	0 14	24 29	0 46	17 22	0 48	7 32	2 52	18 4	0 5	22 18	0 26	22 52	0 18	10 22	10 41	13 6		n.a.
T 21	4 40	19 0	3 55	13 4	2 3	4 20	0 11	24 32	0 48	17 21	0 48	7 34	2 52	18 5	0 5	22 17	0 26	22 52	0 18	10 21	10 43	13 8		n.a.
W22	4 16	17 50	3 3	12 33	2 4	4 52	0 8	24 34	0 49	17 21	0 48	7 36	2 52	18 5	0 5	22 17	0 26	22 52	0 18	10 21	10 44	13 9		n.a.
T 23	3 52	15 42	2 0	12 0	2 4	5 23	0 6	24 36	0 50	17 21	0 48	7 38	2 52	18 6	0 5	22 17	0 26	22 53	0 18	10 20	10 45	13 11		n.a.
F 24	3 28	12 39	0 48	11 26	2 4	5 55	0 3	24 38	0 52	17 21	0 48	7 40	2 52	18 6	0 5	22 17	0 27	22 53	0 18	10 20	10 46	13 12		n.a.
S 25	3 4	8 49	0s29	10 49	2 2	6 27	0 0	24 40	0 53	17 20	0 48	7 42	2 52	18 7	0 5	22 16	0 27	22 53	0 18	10 20	10 47	13 14		n.a.
S 26	2 40	4 23	1 46	10 12	2 0	6 58	0s 2	24 42	0 54	17 20	0 48	7 44	2 52	18 8	0 5	22 16	0 27	22 53	0 18	10 20	10 48	13 16		n.a.
M27	2 15	0n24	2 57	9 33	1 58	7 30	0 5	24 44	0 56	17 19	0 48	7 46	2 52	18 8	0 5	22 16	0 27	22 53	0 18	10 21	10 50	13 17		n.a.
T 28	1 51	5 11	3 57	8 53	1 55	8 1	0 8	24 46	0 57	17 19	0 48	7 48	2 52	18 9	0 5	22 16	0 27	22 53	0 18	10 22	10 51	13 19		n.a.
W29	1 27	9 41	4 42	8 12	1 51	8 32	0 10	24 47	0 59	17 18	0 48	7 50	2 52	18 10	0 5	22 16	0 27	22 53	0 18	10 23	10 52	13 20		n.a.
T 30	1n 2	13n34	5s 8	7n30	1n47	9s 2	0s13	24n49	1n 0	17n17	0s48	7s51	2s52	18s10	0n 5	22n16	0n27	22n53	0n18	10n24	10n53	13s22		n.a.

Julian Day Number = 1342902.5, Delta T = 07h14m09s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'56, Lahiri = -18°15'55 Julian Calendar 1 Sept. 1037 BCE == Greg. Calendar 22 Aug. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

OCTOBER 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 0 11	28♍25'36	6♊21	17♍ 0	23♎36	0♋ 6	20°R 8	16°R53	20♏52	23♋ 1	11°R58	3°R23	2♍ 4	20♏53	n.a.	F 1
S 2	0 4 7	29°26'03	20°37	18°37	24°51	0°32	20♉ 5	16♓48	20°55	23° 2	11♊57	3♍22	2° 1	21° 0	n.a.	S 2
S 3	0 8 4	0♎26'33	4♋36	20°15	26° 5	0°58	20° 2	16°44	20°57	23° 4	11°57	3°D22	1°58	21° 7	n.a.	S 3
M 4	0 12 0	1°27'05	18°17	21°53	27°20	1°24	19°59	16°39	21° 0	23° 5	11°57	3°23	1°55	21°14	n.a.	M 4
T 5	0 15 57	2°27'39	1♌42	23°30	28°34	1°50	19°56	16°34	21° 3	23° 6	11°57	3°24	1°51	21°20	n.a.	T 5
W 6	0 19 53	3°28'14	14°50	25° 8	29°48	2°15	19°52	16°30	21° 5	23° 7	11°56	3°26	1°48	21°27	n.a.	W 6
T 7	0 23 50	4°28'52	27°45	26°45	1♏ 3	2°41	19°48	16°25	21° 8	23° 8	11°56	3°R27	1°45	21°34	n.a.	T 7
F 8	0 27 47	5°29'31	10♍27	28°23	2°17	3° 5	19°45	16°21	21°11	23° 9	11°55	3°27	1°42	21°41	n.a.	F 8
S 9	0 31 43	6°30'13	22°58	29°59	3°31	3°30	19°40	16°16	21°14	23°10	11°55	3°25	1°39	21°47	n.a.	S 9
S 10	0 35 40	7°30'55	5♎20	1♎37	4°46	3°54	19°36	16°12	21°16	23°10	11°55	3°22	1°36	21°54	n.a.	S 10
M11	0 39 36	8°31'40	17°32	3°13	6° 0	4°18	19°32	16° 8	21°19	23°11	11°54	3°16	1°32	22° 1	n.a.	M11
T 12	0 43 33	9°32'26	29°36	4°50	7°14	4°41	19°27	16° 3	21°22	23°12	11°54	3°10	1°29	22° 7	n.a.	T 12
W13	0 47 29	10°33'13	11♏33	6°26	8°29	5° 5	19°22	15°59	21°25	23°13	11°53	3° 2	1°26	22°14	n.a.	W13
T 14	0 51 26	11°34'02	23°26	8° 2	9°43	5°28	19°17	15°55	21°28	23°14	11°53	2°55	1°23	22°21	n.a.	T 14
F 15	0 55 22	12°34'52	5♐17	9°37	10°57	5°50	19°12	15°51	21°31	23°14	11°52	2°48	1°20	22°28	n.a.	F 15
S 16	0 59 19	13°35'43	17° 9	11°13	12°11	6°12	19° 7	15°47	21°34	23°15	11°52	2°43	1°16	22°34	n.a.	S 16
S 17	1 3 16	14°36'35	29° 5	12°48	13°25	6°34	19° 1	15°43	21°37	23°16	11°51	2°40	1°13	22°41	n.a.	S 17
M18	1 7 12	15°37'29	11♑11	14°23	14°40	6°55	18°56	15°39	21°40	23°16	11°50	2°D38	1°10	22°48	n.a.	M18
T 19	1 11 9	16°38'23	23°31	15°58	15°54	7°17	18°50	15°35	21°43	23°17	11°50	2°39	1° 7	22°54	n.a.	T 19
W20	1 15 5	17°39'19	6♒10	17°33	17° 8	7°37	18°44	15°31	21°46	23°17	11°49	2°40	1° 4	23° 1	n.a.	W20
T 21	1 19 2	18°40'15	19°13	19° 8	18°22	7°58	18°38	15°28	21°50	23°18	11°48	2°41	1° 1	23° 8	n.a.	T 21
F 22	1 22 58	19°41'13	2♓42	20°42	19°36	8°17	18°32	15°24	21°53	23°18	11°48	2°R42	0°57	23°15	n.a.	F 22
S 23	1 26 55	20°42'11	16°40	22°16	20°50	8°37	18°25	15°21	21°56	23°19	11°47	2°41	0°54	23°21	n.a.	S 23
S 24	1 30 51	21°43'11	1♈ 5	23°51	22° 4	8°56	18°19	15°17	21°59	23°19	11°46	2°38	0°51	23°28	n.a.	S 24
M25	1 34 48	22°44'11	15°54	25°25	23°18	9°15	18°12	15°14	22° 2	23°20	11°45	2°32	0°48	23°35	n.a.	M25
T 26	1 38 45	23°45'12	0♉59	26°59	24°32	9°33	18° 5	15°11	22° 6	23°20	11°45	2°25	0°45	23°42	n.a.	T 26
W27	1 42 41	24°46'15	16°10	28°33	25°46	9°51	17°58	15° 7	22° 9	23°20	11°44	2°17	0°42	23°48	n.a.	W27
T 28	1 46 38	25°47'19	1♊17	0♏ 7	27° 0	10° 8	17°51	15° 4	22°12	23°21	11°43	2° 9	0°38	23°55	n.a.	T 28
F 29	1 50 34	26°48'24	16°11	1°41	28°14	10°25	17°44	15° 1	22°16	23°21	11°42	2° 1	0°35	24° 2	n.a.	F 29
S 30	1 54 31	27°49'30	0♋43	3°15	29°28	10°41	17°37	14°58	22°19	23°21	11°41	1°56	0°32	24° 8	n.a.	S 30
S 31	1 58 27	28♎50'37	14♋51	4♏49	0♐42	10♋57	17♉30	14♓56	22♏22	23♋21	11♊40	1♍53	0♍29	24♏15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n38	16n34	5s14	6n47	1n43	9s33	0s16	24n50	1n 1	17n17	0s48	7s53	2s52	18s11	0n 5	22n15	0n27	22n53	0n18	10n25	10n54	13s24		n.a.
S 2	0 14	18 29	5 0	6 4	1 38	10 3	0 19	24 52	1 3	17 16	0 48	7 55	2 52	18 12	0 5	22 15	0 27	22 53	0 18	10 26	10 55	13 25		n.a.
S 3	0s11	19 15	4 29	5 21	1 34	10 33	0 21	24 53	1 4	17 15	0 48	7 57	2 52	18 12	0 5	22 15	0 27	22 53	0 19	10 26	10 56	13 27		n.a.
M 4	0 35	18 52	3 43	4 37	1 28	11 3	0 24	24 54	1 6	17 14	0 48	7 59	2 52	18 13	0 4	22 15	0 27	22 53	0 19	10 26	10 58	13 28		n.a.
T 5	1 0	17 25	2 45	3 53	1 23	11 33	0 27	24 56	1 7	17 13	0 48	8 0	2 51	18 14	0 4	22 15	0 27	22 53	0 19	10 25	10 59	13 30		n.a.
W 6	1 24	15 3	1 40	3 9	1 17	12 2	0 29	24 57	1 9	17 13	0 48	8 2	2 51	18 14	0 4	22 15	0 27	22 53	0 19	10 24	11 0	13 31		n.a.
T 7	1 48	11 57	0 31	2 24	1 12	12 31	0 32	24 58	1 11	17 12	0 48	8 4	2 51	18 15	0 4	22 14	0 27	22 53	0 19	10 24	11 1	13 33		n.a.
F 8	2 13	8 21	0n38	1 39	1 6	13 0	0 35	24 59	1 12	17 10	0 48	8 5	2 51	18 16	0 4	22 14	0 27	22 53	0 19	10 24	11 2	13 35		n.a.
S 9	2 37	4 26	1 45	0 55	1 0	13 28	0 38	25 0	1 14	17 9	0 48	8 7	2 51	18 17	0 4	22 14	0 27	22 53	0 19	10 25	11 3	13 36		n.a.
S 10	3 2	0 22	2 45	0 10	0 53	13 57	0 40	25 1	1 15	17 8	0 48	8 9	2 51	18 17	0 4	22 14	0 27	22 53	0 19	10 26	11 5	13 38		n.a.
M11	3 26	3s39	3 37	0s35	0 47	14 24	0 43	25 2	1 17	17 7	0 48	8 10	2 51	18 18	0 4	22 14	0 27	22 53	0 19	10 28	11 6	13 39		n.a.
T 12	3 50	7 29	4 19	1 19	0 41	14 52	0 46	25 3	1 19	17 6	0 48	8 12	2 51	18 19	0 4	22 14	0 27	22 53	0 19	10 30	11 7	13 41		n.a.
W13	4 14	10 58	4 48	2 4	0 34	15 19	0 48	25 3	1 20	17 4	0 48	8 13	2 51	18 20	0 4	22 14	0 27	22 53	0 19	10 33	11 8	13 42		n.a.
T 14	4 39	14 0	5 5	2 48	0 28	15 45	0 51	25 4	1 22	17 3	0 48	8 15	2 50	18 21	0 4	22 14	0 27	22 53	0 19	10 36	11 9	13 44		n.a.
F 15	5 3	16 27	5 9	3 33	0 21	16 12	0 54	25 5	1 24	17 2	0 48	8 16	2 50	18 21	0 4	22 13	0 27	22 53	0 19	10 38	11 10	13 46		n.a.
S 16	5 27	18 13	5 0	4 17	0 15	16 37	0 56	25 6	1 25	17 0	0 48	8 18	2 50	18 22	0 4	22 13	0 27	22 53	0 19	10 40	11 11	13 47		n.a.
S 17	5 51	19 11	4 38	5 0	0 8	17 3	0 59	25 6	1 27	16 59	0 48	8 19	2 50	18 23	0 4	22 13	0 27	22 53	0 20	10 41	11 13	13 49		n.a.
M18	6 15	19 19	4 3	5 44	0 2	17 28	1 1	25 7	1 29	16 57	0 48	8 21	2 50	18 24	0 4	22 13	0 27	22 53	0 20	10 42	11 14	13 50		n.a.
T 19	6 38	18 31	3 16	6 27	0s 5	17 52	1 4	25 7	1 31	16 56	0 48	8 22	2 50	18 25	0 4	22 13	0 27	22 53	0 20	10 42	11 15	13 52		n.a.
W20	7 2	16 48	2 18	7 10	0 11	18 16	1 6	25 8	1 33	16 54	0 48	8 23	2 50	18 26	0 4	22 13	0 27	22 53	0 20	10 41	11 16	13 53		n.a.
T 21	7 26	14 9	1 12	7 53	0 18	18 40	1 9	25 9	1 34	16 52	0 48	8 25	2 49	18 26	0 4	22 13	0 27	22 53	0 20	10 41	11 17	13 55		n.a.
F 22	7 49	10 40	0s 0	8 35	0 24	19 3	1 11	25 9	1 36	16 51	0 48	8 26	2 49	18 27	0 4	22 13	0 27	22 53	0 20	10 40	11 18	13 57		n.a.
S 23	8 12	6 29	1 15	9 16	0 30	19 26	1 14	25 10	1 38	16 49	0 48	8 27	2 49	18 28	0 4	22 13	0 27	22 53	0 20	10 41	11 19	13 58		n.a.
S 24	8 36	1 48	2 27	9 58	0 37	19 48	1 16	25 10	1 40	16 47	0 48	8 28	2 49	18 29	0 4	22 13	0 27	22 53	0 20	10 42	11 21	14 0		n.a.
M25	8 59	3n 7	3 31	10 39	0 43	20 9	1 18	25 11	1 42	16 45	0 48	8 29	2 49	18 30	0 4	22 13	0 27	22 53	0 20	10 44	11 22	14 1		n.a.
T 26	9 22	7 55	4 21	11 19	0 49	20 30	1 20	25 12	1 44	16 44	0 48	8 31	2 48	18 31	0 4	22 13	0 27	22 53	0 20	10 47	11 23	14 3		n.a.
W27	9 44	12 15	4 54	11 59	0 55	20 50	1 23	25 12	1 46	16 42	0 47	8 32	2 48	18 32	0 4	22 13	0 27	22 53	0 20	10 50	11 24	14 4		n.a.
T 28	10 7	15 45	5 6	12 38	1 1	21 10	1 25	25 13	1 48	16 40	0 47	8 33	2 48	18 32	0 4	22 13	0 27	22 53	0 20	10 53	11 25	14 6		n.a.
F 29	10 30	18 10	4 57	13 17	1 7	21 29	1 27	25 14	1 50	16 38	0 47	8 34	2 48	18 33	0 4	22 13	0 27	22 53	0 20	10 55	11 26	14 7		n.a.
S 30	10 52	19 20	4 28	13 55	1 12	21 48	1 29	25 14	1 52	16 36	0 47	8 35	2 48	18 34	0 4	22 13	0 28	22 53	0 21	10 57	11 27	14 9		n.a.
S 31	11s14	19n15	3s44	14s33	1s18	22s 6	1s31	25n15	1n54	16n34	0s47	8s36	2s47	18s35	0n 4	22n13	0n28	22n53	0n21	10n58	11n29	14s10		n.a.

Julian Day Number = 1342932.5, Delta T = 07h14m08s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'52, Lahiri = -18°15'51 Julian Calendar 1 Oct. 1037 BCE == Greg. Calendar 21 Sept. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

NOVEMBER 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 2 24	29♎51'46	28♋33	6♏24	1♐56	11♋13	17°R22	14°R53	22♏26	23♋21	11°R40	1°D52	0♍26	24♏22	n.a.	M 1
T 2	2 6 20	0♏52'55	11♌52	7°58	3°10	11°28	17♉15	14♓50	22°29	23°22	11♊39	1♍52	0°22	24°29	n.a.	T 2
W 3	2 10 17	1°54'06	24°49	9°32	4°23	11°42	17° 7	14°48	22°33	23°22	11°38	1°53	0°19	24°35	n.a.	W 3
T 4	2 14 14	2°55'18	7♍29	11° 6	5°37	11°56	17° 0	14°45	22°36	23°22	11°37	1°R53	0°16	24°42	n.a.	T 4
F 5	2 18 10	3°56'30	19°55	12°40	6°51	12° 9	16°52	14°43	22°40	23°R22	11°36	1°51	0°13	24°49	n.a.	F 5
S 6	2 22 7	4°57'44	2♎11	14°14	8° 5	12°22	16°44	14°41	22°43	23°22	11°35	1°47	0°10	24°56	n.a.	S 6
S 7	2 26 3	5°58'58	14°19	15°49	9°18	12°34	16°36	14°39	22°47	23°22	11°34	1°40	0° 7	25° 2	n.a.	S 7
M 8	2 30 0	7° 0'13	26°20	17°23	10°32	12°46	16°28	14°37	22°50	23°21	11°33	1°30	0° 3	25° 9	n.a.	M 8
T 9	2 33 56	8° 1'29	8♏17	18°57	11°46	12°57	16°20	14°35	22°54	23°21	11°32	1°17	0° 0	25°16	n.a.	T 9
W10	2 37 53	9° 2'45	20°11	20°31	12°59	13° 7	16°12	14°33	22°57	23°21	11°31	1° 4	29♌57	25°22	n.a.	W10
T 11	2 41 49	10° 4'02	2♐ 3	22° 5	14°13	13°17	16° 4	14°31	23° 1	23°21	11°30	0°50	29°54	25°29	n.a.	T 11
F 12	2 45 46	11° 5'19	13°55	23°39	15°26	13°26	15°56	14°30	23° 4	23°21	11°28	0°37	29°51	25°36	n.a.	F 12
S 13	2 49 43	12° 6'36	25°48	25°13	16°40	13°35	15°48	14°28	23° 8	23°20	11°27	0°26	29°48	25°43	n.a.	S 13
S 14	2 53 39	13° 7'54	7♑45	26°47	17°53	13°43	15°40	14°27	23°11	23°20	11°26	0°18	29°44	25°49	n.a.	S 14
M15	2 57 36	14° 9'11	19°49	28°20	19° 7	13°50	15°31	14°26	23°15	23°20	11°25	0°13	29°41	25°56	n.a.	M15
T 16	3 1 32	15°10'29	2♒ 6	29°53	20°20	13°57	15°23	14°24	23°18	23°19	11°24	0°10	29°38	26° 3	n.a.	T 16
W17	3 5 29	16°11'46	14°38	1♐25	21°33	14° 3	15°15	14°23	23°22	23°19	11°23	0°D 9	29°35	26° 9	n.a.	W17
T 18	3 9 25	17°13'04	27°32	2°57	22°47	14° 8	15° 7	14°22	23°26	23°19	11°22	0°R 9	29°32	26°16	n.a.	T 18
F 19	3 13 22	18°14'21	10♓52	4°27	24° 0	14°12	14°59	14°22	23°29	23°18	11°21	0° 9	29°28	26°23	n.a.	F 19
S 20	3 17 19	19°15'38	24°40	5°57	25°13	14°16	14°51	14°21	23°33	23°18	11°19	0° 7	29°25	26°30	n.a.	S 20
S 21	3 21 15	20°16'55	8♈59	7°25	26°26	14°19	14°43	14°20	23°37	23°17	11°18	0° 3	29°22	26°36	n.a.	S 21
M22	3 25 12	21°18'12	23°45	8°52	27°39	14°22	14°35	14°20	23°40	23°17	11°17	29♌55	29°19	26°43	n.a.	M22
T 23	3 29 8	22°19'29	8♉54	10°17	28°52	14°24	14°27	14°19	23°44	23°16	11°16	29°46	29°16	26°50	n.a.	T 23
W24	3 33 5	23°20'45	24°16	11°40	0♑ 5	14°25	14°19	14°19	23°47	23°15	11°15	29°34	29°13	26°57	n.a.	W24
T 25	3 37 1	24°22'02	9♊38	13° 0	1°18	14°R25	14°11	14°19	23°51	23°15	11°13	29°22	29° 9	27° 3	n.a.	T 25
F 26	3 40 58	25°23'18	24°49	14°17	2°31	14°24	14° 3	14°D19	23°55	23°14	11°12	29°12	29° 6	27°10	n.a.	F 26
S 27	3 44 54	26°24'35	9♋40	15°31	3°44	14°23	13°55	14°19	23°58	23°13	11°11	29° 4	29° 3	27°17	n.a.	S 27
S 28	3 48 51	27°25'51	24° 3	16°40	4°57	14°21	13°47	14°19	24° 2	23°13	11°10	28°58	29° 0	27°23	n.a.	S 28
M29	3 52 48	28°27'08	7♌56	17°44	6° 9	14°18	13°40	14°20	24° 5	23°12	11° 8	28°55	28°57	27°30	n.a.	M29
T 30	3 56 44	29♏28'24	21♌21	18♐42	7♑22	14♋14	13♉32	14♓20	24♏ 9	23♋11	11♊ 7	28♌54	28♌53	27♏37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s36	18n 1	2s49	15s10	1s23	22s24	1s33	25n16	1n56	16n32	0s47	8s36	2s47	18s36	0n 4	22n13	0n28	22n53	0n21	10n59	11n30	14s12		n.a.
T 2	11 58	15 49	1 45	15 46	1 28	22 40	1 35	25 17	1 58	16 30	0 47	8 37	2 47	18 37	0 4	22 13	0 28	22 53	0 21	10 59	11 31	14 13		n.a.
W 3	12 19	12 52	0 38	16 22	1 33	22 56	1 37	25 17	2 0	16 28	0 47	8 38	2 47	18 38	0 4	22 13	0 28	22 53	0 21	10 58	11 32	14 15		n.a.
T 4	12 41	9 21	0n30	16 56	1 38	23 12	1 39	25 18	2 3	16 26	0 47	8 39	2 46	18 39	0 4	22 13	0 28	22 53	0 21	10 58	11 33	14 17		n.a.
F 5	13 2	5 30	1 35	17 30	1 42	23 27	1 40	25 19	2 5	16 24	0 47	8 39	2 46	18 40	0 4	22 13	0 28	22 52	0 21	10 59	11 34	14 18		n.a.
S 6	13 23	1 28	2 34	18 3	1 46	23 41	1 42	25 20	2 7	16 21	0 47	8 40	2 46	18 40	0 4	22 13	0 28	22 52	0 21	11 0	11 35	14 20		n.a.
S 7	13 43	2s35	3 26	18 35	1 50	23 54	1 44	25 21	2 9	16 19	0 46	8 41	2 46	18 41	0 4	22 13	0 28	22 52	0 21	11 3	11 37	14 21		n.a.
M 8	14 4	6 29	4 7	19 7	1 54	24 7	1 45	25 22	2 11	16 17	0 46	8 41	2 45	18 42	0 4	22 13	0 28	22 52	0 21	11 7	11 38	14 23		n.a.
T 9	14 24	10 7	4 38	19 37	1 58	24 19	1 47	25 24	2 14	16 15	0 46	8 42	2 45	18 43	0 4	22 13	0 28	22 52	0 21	11 11	11 39	14 24		n.a.
W10	14 44	13 19	4 56	20 6	2 1	24 30	1 48	25 25	2 16	16 13	0 46	8 42	2 45	18 44	0 4	22 13	0 28	22 52	0 21	11 16	11 40	14 26		n.a.
T 11	15 4	15 59	5 1	20 34	2 4	24 41	1 50	25 26	2 18	16 10	0 46	8 43	2 45	18 45	0 4	22 13	0 28	22 52	0 21	11 21	11 41	14 27		n.a.
F 12	15 23	17 59	4 53	21 1	2 6	24 51	1 51	25 28	2 21	16 8	0 46	8 43	2 44	18 46	0 4	22 13	0 28	22 52	0 21	11 26	11 42	14 29		n.a.
S 13	15 43	19 12	4 33	21 26	2 8	25 0	1 52	25 29	2 23	16 6	0 46	8 43	2 44	18 47	0 4	22 13	0 28	22 52	0 22	11 30	11 43	14 30		n.a.
S 14	16 2	19 35	4 0	21 51	2 10	25 8	1 53	25 31	2 25	16 4	0 46	8 44	2 44	18 48	0 4	22 13	0 28	22 52	0 22	11 32	11 44	14 32		n.a.
M15	16 20	19 5	3 16	22 14	2 11	25 16	1 54	25 32	2 28	16 1	0 45	8 44	2 44	18 49	0 4	22 13	0 28	22 52	0 22	11 34	11 46	14 33		n.a.
T 16	16 39	17 41	2 23	22 35	2 12	25 22	1 55	25 34	2 30	15 59	0 45	8 44	2 43	18 50	0 4	22 13	0 28	22 52	0 22	11 35	11 47	14 35		n.a.
W17	16 57	15 24	1 21	22 55	2 12	25 29	1 56	25 36	2 33	15 57	0 45	8 44	2 43	18 51	0 4	22 14	0 28	22 52	0 22	11 36	11 48	14 36		n.a.
T 18	17 14	12 18	0 14	23 14	2 12	25 34	1 57	25 38	2 35	15 55	0 45	8 44	2 43	18 52	0 4	22 14	0 28	22 51	0 22	11 36	11 49	14 38		n.a.
F 19	17 32	8 28	0s56	23 30	2 11	25 38	1 58	25 40	2 38	15 52	0 45	8 45	2 43	18 52	0 4	22 14	0 28	22 51	0 22	11 36	11 50	14 39		n.a.
S 20	17 49	4 4	2 6	23 45	2 9	25 42	1 59	25 42	2 40	15 50	0 45	8 45	2 42	18 53	0 4	22 14	0 28	22 51	0 22	11 36	11 51	14 41		n.a.
S 21	18 6	0n43	3 10	23 59	2 7	25 45	1 59	25 44	2 43	15 48	0 44	8 45	2 42	18 54	0 4	22 14	0 28	22 51	0 22	11 38	11 52	14 42		n.a.
M22	18 22	5 36	4 3	24 10	2 4	25 47	2 0	25 46	2 45	15 46	0 44	8 44	2 42	18 55	0 4	22 14	0 28	22 51	0 22	11 41	11 54	14 44		n.a.
T 23	18 38	10 16	4 41	24 20	2 0	25 49	2 0	25 48	2 48	15 43	0 44	8 44	2 42	18 56	0 4	22 14	0 28	22 51	0 22	11 44	11 55	14 45		n.a.
W24	18 54	14 18	4 59	24 27	1 56	25 49	2 0	25 51	2 51	15 41	0 44	8 44	2 41	18 57	0 4	22 14	0 28	22 51	0 22	11 48	11 56	14 47		n.a.
T 25	19 10	17 23	4 55	24 33	1 51	25 49	2 1	25 53	2 53	15 39	0 44	8 44	2 41	18 58	0 4	22 15	0 28	22 51	0 22	11 52	11 57	14 48		n.a.
F 26	19 25	19 12	4 31	24 36	1 44	25 48	2 1	25 56	2 56	15 37	0 44	8 44	2 41	18 59	0 4	22 15	0 28	22 51	0 22	11 56	11 58	14 50		n.a.
S 27	19 39	19 39	3 49	24 37	1 37	25 47	2 1	25 59	2 58	15 35	0 43	8 43	2 40	19 0	0 4	22 15	0 28	22 51	0 22	11 59	11 59	14 51		n.a.
S 28	19 54	18 48	2 53	24 36	1 29	25 44	2 1	26 2	3 1	15 32	0 43	8 43	2 40	19 1	0 4	22 15	0 28	22 50	0 23	12 1	12 0	14 53		n.a.
M29	20 8	16 50	1 48	24 33	1 19	25 41	2 1	26 5	3 4	15 30	0 43	8 43	2 40	19 2	0 4	22 15	0 28	22 50	0 23	12 2	12 1	14 54		n.a.
T 30	20s21	13n59	0s40	24s28	1s 9	25s37	2s 1	26n 8	3n 6	15n28	0s43	8s42	2s40	19s 3	0n 4	22n15	0n28	22n50	0n23	12n 2	12n 3	14s56		n.a.

Julian Day Number = 1342963.5, Delta T = 07h14m06s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'48, Lahiri = -18°15'47 Julian Calendar 1 Nov. 1037 BCE == Greg. Calendar 22 Oct. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1037 BCE
geocentric

DECEMBER 1037 BCE (-1036) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 0 41	0♐29'40	4♍19	19♐34	8♑34	14°R10	13°R24	14♓21	24♏13	23°R10	11°R 6	28°R54	28♌50	27♏44	n.a.	W 1
T 2	4 4 37	1°30'57	16°56	20°18	9°47	14♋ 4	13♉17	14°21	24°16	23♋ 9	11♊ 5	28♌54	28°47	27°50	n.a.	T 2
F 3	4 8 34	2°32'13	29°16	20°54	10°59	13°58	13°10	14°22	24°20	23° 8	11° 3	28°51	28°44	27°57	n.a.	F 3
S 4	4 12 30	3°33'29	11♎24	21°21	12°12	13°51	13° 2	14°23	24°23	23° 7	11° 2	28°47	28°41	28° 4	n.a.	S 4
S 5	4 16 27	4°34'44	23°24	21°38	13°24	13°44	12°55	14°24	24°27	23° 6	11° 1	28°39	28°38	28°11	n.a.	S 5
M 6	4 20 23	5°35'59	5♏18	21°R43	14°36	13°35	12°48	14°25	24°31	23° 5	10°59	28°28	28°34	28°17	n.a.	M 6
T 7	4 24 20	6°37'14	17°10	21°38	15°48	13°26	12°41	14°26	24°34	23° 4	10°58	28°14	28°31	28°24	n.a.	T 7
W 8	4 28 17	7°38'29	29° 2	21°20	17° 0	13°15	12°35	14°28	24°38	23° 3	10°57	28° 0	28°28	28°31	n.a.	W 8
T 9	4 32 13	8°39'42	10♐55	20°51	18°12	13° 4	12°28	14°29	24°41	23° 2	10°55	27°44	28°25	28°37	n.a.	T 9
F 10	4 36 10	9°40'55	22°50	20°11	19°24	12°53	12°22	14°31	24°45	23° 1	10°54	27°30	28°22	28°44	n.a.	F 10
S 11	4 40 6	10°42'08	4♑48	19°20	20°36	12°40	12°15	14°32	24°48	23° 0	10°53	27°18	28°19	28°51	n.a.	S 11
S 12	4 44 3	11°43'19	16°51	18°20	21°48	12°27	12° 9	14°34	24°52	22°59	10°52	27° 9	28°15	28°58	n.a.	S 12
M13	4 47 59	12°44'30	29° 2	17°12	22°59	12°13	12° 3	14°36	24°55	22°58	10°50	27° 3	28°12	29° 4	n.a.	M13
T 14	4 51 56	13°45'39	11♒22	15°59	24°11	11°58	11°57	14°38	24°59	22°57	10°49	26°59	28° 9	29°11	n.a.	T 14
W15	4 55 53	14°46'47	23°56	14°43	25°22	11°42	11°51	14°40	25° 2	22°55	10°48	26°D58	28° 6	29°18	n.a.	W15
T 16	4 59 49	15°47'54	6♓47	13°25	26°33	11°26	11°45	14°42	25° 6	22°54	10°46	26°58	28° 3	29°25	n.a.	T 16
F 17	5 3 46	16°49'00	20° 0	12°10	27°45	11° 9	11°40	14°45	25° 9	22°53	10°45	26°R58	27°59	29°31	n.a.	F 17
S 18	5 7 42	17°50'05	3♈37	10°58	28°56	10°51	11°35	14°47	25°13	22°52	10°44	26°57	27°56	29°38	n.a.	S 18
S 19	5 11 39	18°51'08	17°41	9°51	0♒ 7	10°33	11°30	14°50	25°16	22°50	10°42	26°54	27°53	29°45	n.a.	S 19
M20	5 15 35	19°52'09	2♉12	8°51	1°18	10°14	11°25	14°52	25°19	22°49	10°41	26°48	27°50	29°51	n.a.	M20
T 21	5 19 32	20°53'10	17° 6	7°59	2°28	9°55	11°20	14°55	25°23	22°48	10°40	26°40	27°47	29°58	n.a.	T 21
W22	5 23 28	21°54'09	2♊17	7°16	3°39	9°35	11°15	14°58	25°26	22°46	10°39	26°31	27°44	0♐ 5	n.a.	W22
T 23	5 27 25	22°55'07	17°33	6°41	4°50	9°14	11°11	15° 1	25°29	22°45	10°37	26°21	27°40	0°12	n.a.	T 23
F 24	5 31 22	23°56'04	2♋45	6°15	6° 0	8°53	11° 6	15° 4	25°33	22°43	10°36	26°11	27°37	0°18	n.a.	F 24
S 25	5 35 18	24°56'59	17°41	5°58	7°10	8°31	11° 2	15° 7	25°36	22°42	10°35	26° 4	27°34	0°25	n.a.	S 25
S 26	5 39 15	25°57'54	2♌14	5°49	8°20	8° 9	10°58	15°10	25°39	22°41	10°34	25°59	27°31	0°32	n.a.	S 26
M27	5 43 11	26°58'47	16°18	5°D47	9°30	7°47	10°55	15°14	25°42	22°39	10°32	25°57	27°28	0°38	n.a.	M27
T 28	5 47 8	27°59'39	29°53	5°54	10°40	7°24	10°51	15°17	25°46	22°38	10°31	25°D56	27°25	0°45	n.a.	T 28
W29	5 51 4	29° 0'30	13♍ 0	6° 7	11°50	7° 1	10°48	15°21	25°49	22°36	10°30	25°57	27°21	0°52	n.a.	W29
T 30	5 55 1	0♑ 1'20	25°42	6°27	12°59	6°38	10°45	15°24	25°52	22°35	10°29	25°R58	27°18	0°59	n.a.	T 30
F 31	5 58 58	1♑ 2'09	8♎ 5	6♐53	14♒ 9	6♋14	10♉42	15♓28	25♏55	22♋33	10♊27	25♌58	27♌15	1♐ 5	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s34	10n31	0n29	24s20	0s57	25s32	2s 0	26n11	3n 9	15n26	0s43	8s42	2s39	19s 3	0n 4	22n16	0n28	22n50	0n23	12n 2	12n 4	14s57			n.a.
T 2	20 47	6 40	1 34	24 11	0 44	25 27	2 0	26 14	3 12	15 24	0 42	8 41	2 39	19 4	0 4	22 16	0 28	22 50	0 23	12 2	12 5	14 59			n.a.
F 3	21 0	2 38	2 33	23 59	0 29	25 20	2 0	26 17	3 14	15 22	0 42	8 41	2 39	19 5	0 4	22 16	0 28	22 50	0 23	12 3	12 6	15 0			n.a.
S 4	21 12	1s27	3 24	23 46	0 14	25 13	1 59	26 21	3 17	15 20	0 42	8 40	2 38	19 6	0 4	22 16	0 28	22 50	0 23	12 5	12 7	15 2			n.a.
S 5	21 23	5 26	4 6	23 30	0n 2	25 5	1 58	26 24	3 20	15 18	0 42	8 40	2 38	19 7	0 4	22 16	0 28	22 50	0 23	12 8	12 8	15 3			n.a.
M 6	21 35	9 10	4 36	23 13	0 20	24 57	1 58	26 28	3 22	15 16	0 42	8 39	2 38	19 8	0 4	22 16	0 29	22 50	0 23	12 12	12 9	15 5			n.a.
T 7	21 45	12 32	4 54	22 55	0 38	24 48	1 57	26 31	3 25	15 14	0 41	8 38	2 38	19 9	0 4	22 17	0 29	22 49	0 23	12 16	12 10	15 6			n.a.
W 8	21 56	15 23	4 59	22 34	0 57	24 38	1 56	26 35	3 28	15 12	0 41	8 37	2 37	19 10	0 4	22 17	0 29	22 49	0 23	12 21	12 11	15 7			n.a.
T 9	22 6	17 37	4 52	22 13	1 17	24 27	1 55	26 39	3 30	15 10	0 41	8 36	2 37	19 11	0 4	22 17	0 29	22 49	0 23	12 27	12 13	15 9			n.a.
F 10	22 15	19 6	4 31	21 51	1 36	24 16	1 53	26 43	3 33	15 8	0 41	8 36	2 37	19 12	0 4	22 17	0 29	22 49	0 23	12 32	12 14	15 10			n.a.
S 11	22 24	19 45	3 59	21 28	1 55	24 3	1 52	26 46	3 35	15 7	0 41	8 35	2 36	19 12	0 4	22 17	0 29	22 49	0 23	12 36	12 15	15 12			n.a.
S 12	22 33	19 30	3 15	21 4	2 14	23 51	1 51	26 50	3 38	15 5	0 40	8 34	2 36	19 13	0 4	22 18	0 29	22 49	0 24	12 39	12 16	15 13			n.a.
M13	22 41	18 21	2 22	20 41	2 31	23 37	1 49	26 54	3 40	15 3	0 40	8 33	2 36	19 14	0 4	22 18	0 29	22 49	0 24	12 41	12 17	15 15			n.a.
T 14	22 49	16 20	1 22	20 18	2 46	23 23	1 48	26 58	3 43	15 2	0 40	8 32	2 36	19 15	0 4	22 18	0 29	22 49	0 24	12 43	12 18	15 16			n.a.
W15	22 56	13 30	0 16	19 57	3 0	23 8	1 46	27 2	3 45	15 0	0 40	8 31	2 35	19 16	0 4	22 18	0 29	22 48	0 24	12 43	12 19	15 18			n.a.
T 16	23 3	9 58	0s52	19 36	3 11	22 53	1 44	27 5	3 47	14 59	0 39	8 29	2 35	19 17	0 4	22 19	0 29	22 48	0 24	12 43	12 20	15 19			n.a.
F 17	23 9	5 51	1 59	19 18	3 20	22 37	1 43	27 9	3 50	14 57	0 39	8 28	2 35	19 18	0 4	22 19	0 29	22 48	0 24	12 43	12 22	15 21			n.a.
S 18	23 15	1 19	3 2	19 1	3 27	22 20	1 41	27 13	3 52	14 56	0 39	8 27	2 34	19 18	0 4	22 19	0 29	22 48	0 24	12 43	12 23	15 22			n.a.
S 19	23 20	3n26	3 55	18 48	3 31	22 3	1 39	27 17	3 54	14 54	0 39	8 26	2 34	19 19	0 4	22 19	0 29	22 48	0 24	12 44	12 24	15 23			n.a.
M20	23 25	8 7	4 36	18 37	3 33	21 45	1 36	27 20	3 56	14 53	0 39	8 25	2 34	19 20	0 4	22 20	0 29	22 48	0 24	12 46	12 25	15 25			n.a.
T 21	23 30	12 26	4 59	18 29	3 33	21 27	1 34	27 24	3 58	14 52	0 38	8 23	2 34	19 21	0 4	22 20	0 29	22 48	0 24	12 49	12 26	15 26			n.a.
W22	23 34	16 1	5 1	18 24	3 31	21 8	1 32	27 28	4 0	14 50	0 38	8 22	2 33	19 22	0 4	22 20	0 29	22 48	0 24	12 52	12 27	15 28			n.a.
T 23	23 37	18 32	4 43	18 22	3 27	20 48	1 29	27 31	4 2	14 49	0 38	8 20	2 33	19 23	0 4	22 20	0 29	22 47	0 24	12 56	12 28	15 29			n.a.
F 24	23 40	19 43	4 4	18 22	3 22	20 28	1 27	27 34	4 4	14 48	0 38	8 19	2 33	19 23	0 4	22 21	0 29	22 47	0 24	12 59	12 29	15 31			n.a.
S 25	23 43	19 30	3 9	18 26	3 16	20 8	1 24	27 38	4 6	14 47	0 37	8 17	2 33	19 24	0 4	22 21	0 29	22 47	0 24	13 2	12 30	15 32			n.a.
S 26	23 45	17 59	2 3	18 32	3 8	19 46	1 21	27 41	4 8	14 46	0 37	8 16	2 32	19 25	0 4	22 21	0 29	22 47	0 24	13 3	12 32	15 33			n.a.
M27	23 47	15 23	0 51	18 39	3 0	19 25	1 19	27 44	4 9	14 45	0 37	8 14	2 32	19 26	0 4	22 21	0 29	22 47	0 24	13 4	12 33	15 35			n.a.
T 28	23 48	12 1	0n21	18 49	2 51	19 3	1 16	27 47	4 11	14 44	0 37	8 13	2 32	19 26	0 4	22 22	0 29	22 47	0 25	13 4	12 34	15 36			n.a.
W29	23 49	8 10	1 30	19 1	2 42	18 40	1 12	27 50	4 12	14 43	0 36	8 11	2 32	19 27	0 4	22 22	0 29	22 47	0 25	13 4	12 35	15 38			n.a.
T 30	23 49	4 4	2 32	19 14	2 32	18 17	1 9	27 52	4 14	14 43	0 36	8 9	2 31	19 28	0 4	22 22	0 29	22 47	0 25	13 4	12 36	15 39			n.a.
F 31	23s49	0s 6	3n26	19s28	2n22	17s54	1s 6	27n55	4n15	14n42	0s36	8s 8	2s31	19s29	0n 4	22n22	0n29	22n47	0n25	13n 4	12n37	15s41			n.a.

Julian Day Number = 1342993.5, Delta T = 07h14m05s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'43, Lahiri = -18°15'43 Julian Calendar 1 Dec. 1037 BCE == Greg. Calendar 21 Nov. 1037 BCE

The year -1036 astronomical counting style corresponds to year 1037 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

JANUARY 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 2 54	2♉ 2'56	20♎13	7♐24	15♒18	5°R51	10°R39	15♓32	25♏58	22°R32	10°R26	25°R56	27♌12	1♐12	n.a.	S 1
S 2	6 6 51	3° 3'42	2♏11	8° 0	16°27	5♋27	10♉36	15°36	26° 1	22♋30	10♊25	25♌51	27° 9	1°19	n.a.	S 2
M 3	6 10 47	4° 4'27	14° 3	8°40	17°36	5° 3	10°34	15°40	26° 4	22°28	10°24	25°45	27° 5	1°26	n.a.	M 3
T 4	6 14 44	5° 5'11	25°54	9°25	18°44	4°39	10°32	15°44	26° 7	22°27	10°23	25°36	27° 2	1°32	n.a.	T 4
W 5	6 18 40	6° 5'53	7♐46	10°14	19°53	4°15	10°30	15°48	26°10	22°25	10°22	25°27	26°59	1°39	n.a.	W 5
T 6	6 22 37	7° 6'34	19°41	11° 6	21° 1	3°51	10°28	15°53	26°13	22°24	10°20	25°17	26°56	1°46	n.a.	T 6
F 7	6 26 33	8° 7'13	1♑42	12° 1	22°10	3°27	10°26	15°57	26°16	22°22	10°19	25° 7	26°53	1°52	n.a.	F 7
S 8	6 30 30	9° 7'51	13°49	12°59	23°18	3° 3	10°25	16° 1	26°19	22°21	10°18	24°59	26°50	1°59	n.a.	S 8
S 9	6 34 27	10° 8'27	26° 4	14° 0	24°25	2°40	10°24	16° 6	26°22	22°19	10°17	24°53	26°46	2° 6	n.a.	S 9
M10	6 38 23	11° 9'01	8♒28	15° 4	25°33	2°17	10°23	16°11	26°25	22°17	10°16	24°50	26°43	2°13	n.a.	M10
T 11	6 42 20	12° 9'34	21° 2	16°10	26°40	1°54	10°22	16°15	26°28	22°16	10°15	24°D48	26°40	2°19	n.a.	T 11
W12	6 46 16	13°10'04	3♓48	17°18	27°48	1°31	10°22	16°20	26°30	22°14	10°14	24°49	26°37	2°26	n.a.	W12
T 13	6 50 13	14°10'32	16°48	18°28	28°55	1° 9	10°21	16°25	26°33	22°12	10°13	24°50	26°34	2°33	n.a.	T 13
F 14	6 54 9	15°10'58	0♈ 4	19°40	0♓ 1	0°47	10°D21	16°30	26°36	22°11	10°12	24°51	26°31	2°40	n.a.	F 14
S 15	6 58 6	16°11'22	13°39	20°54	1° 8	0°25	10°21	16°35	26°38	22° 9	10°11	24°R52	26°27	2°46	n.a.	S 15
S 16	7 2 2	17°11'44	27°34	22° 9	2°14	0° 4	10°21	16°40	26°41	22° 7	10°10	24°52	26°24	2°53	n.a.	S 16
M17	7 5 59	18°12'04	11♉48	23°26	3°20	29♊44	10°22	16°46	26°44	22° 6	10° 9	24°50	26°21	3° 0	n.a.	M17
T 18	7 9 56	19°12'22	26°21	24°45	4°26	29°24	10°22	16°51	26°46	22° 4	10° 8	24°46	26°18	3° 6	n.a.	T 18
W19	7 13 52	20°12'37	11♊ 8	26° 5	5°31	29° 5	10°23	16°56	26°49	22° 2	10° 7	24°41	26°15	3°13	n.a.	W19
T 20	7 17 49	21°12'51	26° 1	27°26	6°37	28°46	10°24	17° 2	26°51	22° 1	10° 6	24°36	26°11	3°20	n.a.	T 20
F 21	7 21 45	22°13'02	10♋53	28°49	7°42	28°28	10°26	17° 7	26°54	21°59	10° 5	24°31	26° 8	3°27	n.a.	F 21
S 22	7 25 42	23°13'11	25°36	0♉13	8°46	28°11	10°27	17°13	26°56	21°57	10° 4	24°28	26° 5	3°33	n.a.	S 22
S 23	7 29 38	24°13'18	10♌ 2	1°38	9°51	27°54	10°29	17°19	26°58	21°56	10° 3	24°25	26° 2	3°40	n.a.	S 23
M24	7 33 35	25°13'24	24° 6	3° 5	10°55	27°38	10°30	17°24	27° 1	21°54	10° 2	24°D25	25°59	3°47	n.a.	M24
T 25	7 37 31	26°13'27	7♍44	4°33	11°58	27°22	10°32	17°30	27° 3	21°52	10° 1	24°25	25°56	3°54	n.a.	T 25
W26	7 41 28	27°13'29	20°57	6° 2	13° 2	27° 8	10°35	17°36	27° 5	21°51	10° 1	24°27	25°52	4° 0	n.a.	W26
T 27	7 45 25	28°13'29	3♎46	7°32	14° 5	26°54	10°37	17°42	27° 7	21°49	10° 0	24°28	25°49	4° 7	n.a.	T 27
F 28	7 49 21	29°13'26	16°15	9° 3	15° 7	26°41	10°40	17°48	27°10	21°47	9°59	24°30	25°46	4°14	n.a.	F 28
S 29	7 53 18	0♒13'23	28°27	10°36	16°10	26°28	10°42	17°54	27°12	21°46	9°58	24°R30	25°43	4°20	n.a.	S 29
S 30	7 57 14	1°13'17	10♏28	12° 9	17°12	26°16	10°45	18° 0	27°14	21°44	9°57	24°30	25°40	4°27	n.a.	S 30
M31	8 1 11	2♒13'10	22♏22	13♑44	18♓14	26♊ 6	10♉48	18♓ 6	27♏16	21♋42	9♊57	24♌28	25♌37	4♐34	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	4s11	4n 9	19s44	2n12	17s30	1s 3	27n57	4n16	14n41	0s36	8s 6	2s31	19s30	0n 4	22n23	0n29	22n46	0n25	13n 4	12n38	15s42		n.a.
S 2	23 47	8 2	4 41	20 0	2 1	17 6	0 59	27 59	4 17	14 41	0 36	8 4	2 31	19 30	0 4	22 23	0 29	22 46	0 25	13 6	12 39	15 43		n.a.
M 3	23 45	11 32	5 0	20 16	1 51	16 41	0 56	28 1	4 18	14 40	0 35	8 2	2 30	19 31	0 4	22 23	0 29	22 46	0 25	13 8	12 40	15 45		n.a.
T 4	23 43	14 35	5 6	20 34	1 40	16 16	0 52	28 3	4 19	14 40	0 35	8 1	2 30	19 32	0 4	22 24	0 29	22 46	0 25	13 11	12 41	15 46		n.a.
W 5	23 40	17 2	4 59	20 51	1 30	15 51	0 48	28 4	4 20	14 39	0 35	7 59	2 30	19 32	0 4	22 24	0 29	22 46	0 25	13 14	12 43	15 48		n.a.
T 6	23 37	18 46	4 39	21 9	1 19	15 25	0 44	28 6	4 20	14 39	0 35	7 57	2 30	19 33	0 4	22 24	0 29	22 46	0 25	13 18	12 44	15 49		n.a.
F 7	23 34	19 42	4 7	21 27	1 9	14 59	0 41	28 7	4 21	14 39	0 34	7 55	2 29	19 34	0 4	22 24	0 29	22 46	0 25	13 21	12 45	15 50		n.a.
S 8	23 30	19 43	3 23	21 44	0 59	14 32	0 37	28 8	4 21	14 38	0 34	7 53	2 29	19 35	0 4	22 25	0 29	22 46	0 25	13 24	12 46	15 52		n.a.
S 9	23 25	18 50	2 29	22 2	0 49	14 6	0 32	28 9	4 22	14 38	0 34	7 51	2 29	19 35	0 4	22 25	0 29	22 46	0 25	13 26	12 47	15 53		n.a.
M10	23 20	17 2	1 27	22 19	0 39	13 39	0 28	28 10	4 22	14 38	0 34	7 49	2 29	19 36	0 4	22 25	0 29	22 45	0 25	13 27	12 48	15 55		n.a.
T 11	23 15	14 23	0 20	22 36	0 30	13 12	0 24	28 10	4 22	14 38	0 33	7 47	2 28	19 37	0 4	22 26	0 29	22 45	0 25	13 28	12 49	15 56		n.a.
W12	23 9	11 2	0s49	22 52	0 20	12 44	0 20	28 10	4 22	14 38	0 33	7 44	2 28	19 37	0 4	22 26	0 29	22 45	0 25	13 27	12 50	15 57		n.a.
T 13	23 3	7 5	1 57	23 7	0 11	12 16	0 15	28 10	4 22	14 38	0 33	7 42	2 28	19 38	0 4	22 26	0 29	22 45	0 26	13 27	12 51	15 59		n.a.
F 14	22 56	2 43	3 0	23 22	0 2	11 48	0 11	28 10	4 22	14 38	0 33	7 40	2 28	19 39	0 4	22 26	0 29	22 45	0 26	13 26	12 52	16 0		n.a.
S 15	22 49	1n53	3 54	23 37	0s 7	11 20	0 6	28 10	4 21	14 39	0 32	7 38	2 27	19 39	0 4	22 27	0 29	22 45	0 26	13 26	12 54	16 2		n.a.
S 16	22 41	6 28	4 37	23 50	0 15	10 52	0 1	28 10	4 21	14 39	0 32	7 36	2 27	19 40	0 4	22 27	0 29	22 45	0 26	13 26	12 55	16 3		n.a.
M17	22 33	10 49	5 3	24 2	0 23	10 23	0n 4	28 9	4 20	14 39	0 32	7 33	2 27	19 40	0 4	22 27	0 29	22 45	0 26	13 27	12 56	16 4		n.a.
T 18	22 25	14 36	5 11	24 14	0 31	9 54	0 8	28 9	4 20	14 40	0 32	7 31	2 27	19 41	0 4	22 28	0 29	22 45	0 26	13 28	12 57	16 6		n.a.
W19	22 16	17 32	4 59	24 25	0 39	9 25	0 13	28 8	4 19	14 40	0 31	7 29	2 27	19 42	0 4	22 28	0 29	22 45	0 26	13 30	12 58	16 7		n.a.
T 20	22 7	19 19	4 26	24 34	0 47	8 56	0 18	28 7	4 18	14 41	0 31	7 26	2 26	19 42	0 4	22 28	0 29	22 45	0 26	13 32	12 59	16 8		n.a.
F 21	21 57	19 47	3 35	24 43	0 54	8 27	0 24	28 6	4 18	14 41	0 31	7 24	2 26	19 43	0 4	22 28	0 29	22 44	0 26	13 33	13 0	16 10		n.a.
S 22	21 47	18 53	2 31	24 50	1 1	7 58	0 29	28 5	4 17	14 42	0 31	7 22	2 26	19 43	0 4	22 29	0 29	22 44	0 26	13 35	13 1	16 11		n.a.
S 23	21 36	16 46	1 18	24 56	1 7	7 28	0 34	28 4	4 16	14 43	0 31	7 19	2 26	19 44	0 3	22 29	0 29	22 44	0 26	13 35	13 2	16 13		n.a.
M24	21 26	13 40	0 2	25 0	1 14	6 59	0 39	28 2	4 15	14 44	0 30	7 17	2 26	19 44	0 3	22 29	0 29	22 44	0 26	13 36	13 3	16 14		n.a.
T 25	21 14	9 55	1n12	25 4	1 20	6 29	0 45	28 1	4 14	14 44	0 30	7 14	2 25	19 45	0 3	22 30	0 29	22 44	0 26	13 35	13 5	16 15		n.a.
W26	21 3	5 47	2 21	25 6	1 25	6 0	0 50	28 0	4 13	14 45	0 30	7 12	2 25	19 46	0 3	22 30	0 29	22 44	0 26	13 35	13 6	16 17		n.a.
T 27	20 51	1 31	3 19	25 6	1 31	5 30	0 56	27 58	4 11	14 46	0 30	7 9	2 25	19 46	0 3	22 30	0 29	22 44	0 26	13 34	13 7	16 18		n.a.
F 28	20 38	2s42	4 7	25 5	1 36	5 0	1 1	27 56	4 10	14 47	0 29	7 7	2 25	19 47	0 3	22 30	0 30	22 44	0 26	13 34	13 8	16 19		n.a.
S 29	20 25	6 42	4 43	25 3	1 40	4 31	1 7	27 55	4 9	14 48	0 29	7 4	2 25	19 47	0 3	22 31	0 30	22 44	0 26	13 34	13 9	16 21		n.a.
S 30	20 12	10 22	5 5	24 59	1 45	4 1	1 13	27 53	4 7	14 50	0 29	7 1	2 24	19 48	0 3	22 31	0 30	22 44	0 27	13 34	13 10	16 22		n.a.
M31	19s59	13s35	5n14	24s54	1s48	3s31	1n19	27n51	4n 6	14n51	0s29	6s59	2s24	19s48	0n 3	22n31	0n30	22n44	0n27	13n34	13n11	16s23		n.a.

Julian Day Number = 1343024.5, Delta T = 07h14m03s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'39, Lahiri = -18°15'39 Julian Calendar 1 Jan. 1036 BCE == Greg. Calendar 22 Dec. 1037 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

FEBRUARY 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 5 7	3♒13'00	4♐13	15♑20	19♓15	25°R55	10♉52	18♓13	27♏18	21°R41	9°R56	24°R26	25♌33	4♐41	n.a.	T 1
W 2	8 9 4	4°12'49	16° 7	16°57	20°16	25♊46	10°55	18°19	27°20	21♋39	9♊55	24♌23	25°30	4°47	n.a.	W 2
T 3	8 13 0	5°12'36	28° 5	18°36	21°16	25°38	10°59	18°25	27°22	21°37	9°55	24°20	25°27	4°54	n.a.	T 3
F 4	8 16 57	6°12'21	10♑12	20°15	22°16	25°30	11° 3	18°32	27°23	21°36	9°54	24°17	25°24	5° 1	n.a.	F 4
S 5	8 20 53	7°12'04	22°29	21°56	23°16	25°23	11° 7	18°38	27°25	21°34	9°53	24°14	25°21	5° 7	n.a.	S 5
S 6	8 24 50	8°11'45	4♒57	23°38	24°15	25°17	11°11	18°45	27°27	21°33	9°53	24°13	25°17	5°14	n.a.	S 6
M 7	8 28 47	9°11'24	17°39	25°21	25°14	25°11	11°15	18°51	27°29	21°31	9°52	24°12	25°14	5°21	n.a.	M 7
T 8	8 32 43	10°11'00	0♓33	27° 5	26°12	25° 7	11°20	18°58	27°30	21°30	9°52	24°D12	25°11	5°28	n.a.	T 8
W 9	8 36 40	11°10'34	13°40	28°50	27°10	25° 3	11°25	19° 5	27°32	21°28	9°51	24°12	25° 8	5°34	n.a.	W 9
T 10	8 40 36	12°10'06	27° 1	0♒37	28° 7	25° 0	11°30	19°12	27°33	21°26	9°51	24°13	25° 5	5°41	n.a.	T 10
F 11	8 44 33	13° 9'36	10♈34	2°25	29° 4	24°58	11°35	19°18	27°35	21°25	9°50	24°14	25° 2	5°48	n.a.	F 11
S 12	8 48 29	14° 9'03	24°20	4°15	29°59	24°56	11°40	19°25	27°36	21°23	9°50	24°15	24°58	5°55	n.a.	S 12
S 13	8 52 26	15° 8'27	8♉18	6° 5	0♈55	24°D56	11°45	19°32	27°38	21°22	9°49	24°16	24°55	6° 1	n.a.	S 13
M14	8 56 22	16° 7'49	22°26	7°57	1°50	24°56	11°51	19°39	27°39	21°20	9°49	24°R16	24°52	6° 8	n.a.	M14
T 15	9 0 19	17° 7'09	6♊43	9°50	2°45	24°56	11°57	19°46	27°41	21°19	9°48	24°15	24°49	6°15	n.a.	T 15
W16	9 4 15	18° 6'26	21° 6	11°44	3°39	24°58	12° 2	19°53	27°42	21°17	9°48	24°15	24°46	6°21	n.a.	W16
T 17	9 8 12	19° 5'41	5♋32	13°40	4°32	25° 0	12° 8	20° 0	27°43	21°16	9°48	24°14	24°43	6°28	n.a.	T 17
F 18	9 12 9	20° 4'53	19°55	15°37	5°24	25° 3	12°15	20° 7	27°44	21°15	9°47	24°14	24°39	6°35	n.a.	F 18
S 19	9 16 5	21° 4'03	4♌12	17°35	6°16	25° 7	12°21	20°14	27°45	21°13	9°47	24°13	24°36	6°42	n.a.	S 19
S 20	9 20 2	22° 3'11	18°16	19°34	7° 7	25°11	12°28	20°22	27°46	21°12	9°47	24°D13	24°33	6°48	n.a.	S 20
M21	9 23 58	23° 2'16	2♍ 5	21°34	7°57	25°16	12°34	20°29	27°47	21°10	9°46	24°13	24°30	6°55	n.a.	M21
T 22	9 27 55	24° 1'20	15°34	23°35	8°46	25°22	12°41	20°36	27°48	21° 9	9°46	24°R13	24°27	7° 2	n.a.	T 22
W23	9 31 51	25° 0'21	28°44	25°38	9°35	25°28	12°48	20°43	27°49	21° 8	9°46	24°13	24°23	7° 8	n.a.	W23
T 24	9 35 48	25°59'20	11♎33	27°40	10°23	25°35	12°55	20°51	27°50	21° 6	9°46	24°13	24°20	7°15	n.a.	T 24
F 25	9 39 44	26°58'17	24° 4	29°44	11°10	25°43	13° 2	20°58	27°51	21° 5	9°46	24°13	24°17	7°22	n.a.	F 25
S 26	9 43 41	27°57'12	6♏20	1♓48	11°56	25°51	13°10	21° 5	27°52	21° 4	9°46	24°12	24°14	7°29	n.a.	S 26
S 27	9 47 38	28°56'06	18°23	3°53	12°41	25°59	13°17	21°13	27°52	21° 3	9°45	24°12	24°11	7°35	n.a.	S 27
M28	9 51 34	29♒54'57	0♐19	5♓57	13♈25	26♊ 9	13♉25	21♓20	27♏53	21♋ 1	9♊45	24°D12	24♌ 8	7♐42	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s45	16s15	5n10	24s46	1s52	3s 2	1n25	27n49	4n 4	14n52	0s29	6s56	2s24	19s49	0n 3	22n32	0n30	22n44	0n27	13n35	13n12	16s25		n.a.
W 2	19 30	18 14	4 52	24 38	1 55	2 32	1 30	27 48	4 3	14 53	0 28	6 54	2 24	19 49	0 3	22 32	0 30	22 44	0 27	13 36	13 13	16 26		n.a.
T 3	19 16	19 26	4 22	24 27	1 58	2 3	1 36	27 46	4 1	14 55	0 28	6 51	2 24	19 49	0 3	22 32	0 30	22 44	0 27	13 37	13 14	16 27		n.a.
F 4	19 1	19 46	3 39	24 15	2 0	1 33	1 42	27 44	4 0	14 56	0 28	6 48	2 24	19 50	0 3	22 32	0 30	22 44	0 27	13 38	13 15	16 29		n.a.
S 5	18 46	19 11	2 46	24 1	2 2	1 4	1 48	27 42	3 58	14 58	0 28	6 45	2 23	19 50	0 3	22 33	0 30	22 44	0 27	13 39	13 16	16 30		n.a.
S 6	18 30	17 38	1 44	23 45	2 4	0 34	1 55	27 40	3 56	14 59	0 27	6 43	2 23	19 51	0 3	22 33	0 30	22 44	0 27	13 40	13 18	16 31		n.a.
M 7	18 14	15 13	0 36	23 27	2 5	0 5	2 1	27 38	3 55	15 1	0 27	6 40	2 23	19 51	0 3	22 33	0 30	22 43	0 27	13 40	13 19	16 33		n.a.
T 8	17 58	12 0	0s35	23 7	2 6	0n24	2 7	27 36	3 53	15 2	0 27	6 37	2 23	19 51	0 3	22 33	0 30	22 43	0 27	13 40	13 20	16 34		n.a.
W 9	17 42	8 8	1 46	22 46	2 6	0 53	2 13	27 35	3 51	15 4	0 27	6 34	2 23	19 52	0 3	22 34	0 30	22 43	0 27	13 40	13 21	16 35		n.a.
T 10	17 25	3 49	2 52	22 23	2 6	1 22	2 19	27 33	3 50	15 6	0 27	6 31	2 23	19 52	0 3	22 34	0 30	22 43	0 27	13 39	13 22	16 37		n.a.
F 11	17 8	0n44	3 49	21 57	2 5	1 50	2 26	27 31	3 48	15 8	0 26	6 29	2 23	19 53	0 3	22 34	0 30	22 43	0 27	13 39	13 23	16 38		n.a.
S 12	16 51	5 20	4 35	21 30	2 4	2 19	2 32	27 29	3 46	15 9	0 26	6 26	2 22	19 53	0 3	22 34	0 30	22 43	0 27	13 39	13 24	16 39		n.a.
S 13	16 33	9 41	5 5	21 1	2 2	2 47	2 38	27 27	3 44	15 11	0 26	6 23	2 22	19 53	0 3	22 35	0 30	22 43	0 27	13 39	13 25	16 41		n.a.
M14	16 15	13 34	5 17	20 30	2 0	3 15	2 45	27 25	3 42	15 13	0 26	6 20	2 22	19 54	0 3	22 35	0 30	22 43	0 27	13 39	13 26	16 42		n.a.
T 15	15 57	16 41	5 9	19 56	1 57	3 43	2 51	27 24	3 41	15 15	0 26	6 17	2 22	19 54	0 3	22 35	0 30	22 43	0 27	13 39	13 27	16 43		n.a.
W16	15 39	18 49	4 43	19 21	1 54	4 11	2 58	27 22	3 39	15 17	0 25	6 14	2 22	19 54	0 3	22 35	0 30	22 43	0 27	13 39	13 28	16 45		n.a.
T 17	15 20	19 44	3 58	18 44	1 50	4 38	3 4	27 20	3 37	15 19	0 25	6 11	2 22	19 54	0 3	22 36	0 30	22 43	0 28	13 39	13 29	16 46		n.a.
F 18	15 1	19 22	2 59	18 5	1 45	5 5	3 10	27 18	3 35	15 21	0 25	6 8	2 22	19 55	0 3	22 36	0 30	22 43	0 28	13 39	13 31	16 47		n.a.
S 19	14 42	17 45	1 49	17 24	1 40	5 32	3 17	27 17	3 33	15 24	0 25	6 5	2 22	19 55	0 3	22 36	0 30	22 43	0 28	13 39	13 32	16 49		n.a.
S 20	14 23	15 4	0 33	16 41	1 35	5 58	3 23	27 15	3 32	15 26	0 25	6 2	2 21	19 55	0 3	22 36	0 30	22 43	0 28	13 39	13 33	16 50		n.a.
M21	14 3	11 35	0n43	15 56	1 29	6 24	3 30	27 13	3 30	15 28	0 24	5 59	2 21	19 55	0 3	22 37	0 30	22 43	0 28	13 39	13 34	16 51		n.a.
T 22	13 43	7 33	1 56	15 9	1 22	6 50	3 36	27 12	3 28	15 30	0 24	5 56	2 21	19 56	0 3	22 37	0 30	22 43	0 28	13 39	13 35	16 52		n.a.
W23	13 23	3 15	3 0	14 21	1 15	7 15	3 43	27 10	3 26	15 33	0 24	5 53	2 21	19 56	0 3	22 37	0 30	22 43	0 28	13 39	13 36	16 54		n.a.
T 24	13 3	1s 4	3 53	13 31	1 7	7 40	3 49	27 9	3 24	15 35	0 24	5 50	2 21	19 56	0 3	22 37	0 30	22 43	0 28	13 39	13 37	16 55		n.a.
F 25	12 43	5 14	4 34	12 39	0 58	8 5	3 56	27 7	3 23	15 37	0 24	5 47	2 21	19 56	0 3	22 37	0 30	22 43	0 28	13 40	13 38	16 56		n.a.
S 26	12 22	9 6	5 2	11 46	0 49	8 29	4 2	27 6	3 21	15 40	0 23	5 44	2 21	19 57	0 3	22 38	0 30	22 44	0 28	13 40	13 39	16 58		n.a.
S 27	12 2	12 31	5 15	10 52	0 40	8 53	4 8	27 4	3 19	15 42	0 23	5 41	2 21	19 57	0 3	22 38	0 30	22 44	0 28	13 40	13 40	16 59		n.a.
M28	11s41	15s24	5n15	9s56	0s30	9n16	4n15	27n 3	3n17	15n45	0s23	5s38	2s21	19s57	0n 3	22n38	0n30	22n44	0n28	13n40	13n41	17s 0		n.a.

Julian Day Number = 1343055.5, Delta T = 07h14m02s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'35, Lahiri = -18°15'35 Julian Calendar 1 Feb. 1036 BCE == Greg. Calendar 22 Jan. 1036 BCE

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

MARCH 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 31	0♓53'47	12♐12	8♓ 1	14♈ 8	26♊19	13♉33	21♓28	27♏54	21°R 0	9°R45	24♌12	24♌ 4	7♐49	n.a.	T 1
W 2	9 59 27	1°52'35	24° 6	10° 5	14°50	26°29	13°40	21°35	27°54	20♋59	9♊45	24°13	24° 1	7°55	n.a.	W 2
T 3	10 3 24	2°51'21	6♑ 7	12° 7	15°31	26°40	13°49	21°43	27°55	20°58	9°D45	24°13	23°58	8° 2	n.a.	T 3
F 4	10 7 20	3°50'05	18°17	14° 9	16°11	26°52	13°57	21°50	27°55	20°57	9°45	24°14	23°55	8° 9	n.a.	F 4
S 5	10 11 17	4°48'47	0♒41	16° 9	16°49	27° 4	14° 5	21°58	27°56	20°55	9°45	24°15	23°52	8°16	n.a.	S 5
S 6	10 15 13	5°47'27	13°21	18° 7	17°27	27°17	14°13	22° 6	27°56	20°54	9°45	24°16	23°48	8°22	n.a.	S 6
M 7	10 19 10	6°46'05	26°19	20° 3	18° 3	27°30	14°22	22°13	27°56	20°53	9°45	24°R16	23°45	8°29	n.a.	M 7
T 8	10 23 6	7°44'41	9♓34	21°57	18°38	27°44	14°31	22°21	27°57	20°52	9°46	24°16	23°42	8°36	n.a.	T 8
W 9	10 27 3	8°43'15	23° 7	23°47	19°12	27°58	14°39	22°29	27°57	20°51	9°46	24°15	23°39	8°43	n.a.	W 9
T 10	10 31 0	9°41'47	6♈54	25°34	19°44	28°13	14°48	22°36	27°57	20°50	9°46	24°13	23°36	8°49	n.a.	T 10
F 11	10 34 56	10°40'17	20°54	27°18	20°14	28°28	14°57	22°44	27°57	20°49	9°46	24°11	23°33	8°56	n.a.	F 11
S 12	10 38 53	11°38'45	5♉ 2	28°58	20°44	28°44	15° 7	22°52	27°R57	20°48	9°46	24° 9	23°29	9° 3	n.a.	S 12
S 13	10 42 49	12°37'10	19°15	0♈34	21°11	29° 0	15°16	22°59	27°57	20°47	9°46	24° 7	23°26	9° 9	n.a.	S 13
M14	10 46 46	13°35'33	3♊29	2° 6	21°37	29°17	15°25	23° 7	27°57	20°47	9°47	24° 6	23°23	9°16	n.a.	M14
T 15	10 50 42	14°33'54	17°43	3°34	22° 1	29°34	15°35	23°15	27°57	20°46	9°47	24°D 5	23°20	9°23	n.a.	T 15
W16	10 54 39	15°32'12	1♋52	4°57	22°24	29°51	15°44	23°23	27°57	20°45	9°47	24° 6	23°17	9°30	n.a.	W16
T 17	10 58 35	16°30'29	15°57	6°15	22°45	0♋ 9	15°54	23°30	27°57	20°44	9°48	24° 7	23°14	9°36	n.a.	T 17
F 18	11 2 32	17°28'43	29°54	7°29	23° 3	0°27	16° 4	23°38	27°56	20°43	9°48	24° 9	23°10	9°43	n.a.	F 18
S 19	11 6 28	18°26'55	13♌41	8°37	23°20	0°46	16°14	23°46	27°56	20°43	9°48	24°10	23° 7	9°50	n.a.	S 19
S 20	11 10 25	19°25'05	27°19	9°41	23°35	1° 5	16°24	23°54	27°56	20°42	9°49	24°R10	23° 4	9°56	n.a.	S 20
M21	11 14 22	20°23'12	10♍44	10°39	23°48	1°25	16°34	24° 2	27°55	20°41	9°49	24° 9	23° 1	10° 3	n.a.	M21
T 22	11 18 18	21°21'18	23°55	11°33	23°58	1°44	16°44	24° 9	27°55	20°41	9°50	24° 7	22°58	10°10	n.a.	T 22
W23	11 22 15	22°19'22	6♎51	12°21	24° 7	2° 5	16°54	24°17	27°54	20°40	9°50	24° 3	22°54	10°17	n.a.	W23
T 24	11 26 11	23°17'25	19°33	13° 4	24°13	2°25	17° 5	24°25	27°54	20°39	9°51	23°59	22°51	10°23	n.a.	T 24
F 25	11 30 8	24°15'25	2♏ 0	13°41	24°17	2°46	17°15	24°33	27°53	20°39	9°51	23°54	22°48	10°30	n.a.	F 25
S 26	11 34 4	25°13'24	14°14	14°13	24°R18	3° 7	17°26	24°41	27°53	20°38	9°52	23°49	22°45	10°37	n.a.	S 26
S 27	11 38 1	26°11'22	26°17	14°40	24°17	3°29	17°36	24°48	27°52	20°38	9°52	23°44	22°42	10°43	n.a.	S 27
M28	11 41 57	27° 9'18	8♐13	15° 1	24°14	3°51	17°47	24°56	27°51	20°37	9°53	23°41	22°39	10°50	n.a.	M28
T 29	11 45 54	28° 7'13	20° 5	15°17	24° 8	4°13	17°58	25° 4	27°50	20°37	9°54	23°40	22°35	10°57	n.a.	T 29
W30	11 49 51	29° 5'06	1♑59	15°28	24° 0	4°36	18° 9	25°12	27°49	20°36	9°54	23°D39	22°32	11° 4	n.a.	W30
T 31	11 53 47	0♈ 2'58	13♑59	15♈33	23♈50	4♋59	18♉20	25♓20	27♏49	20♋36	9♊55	23♌40	22♌29	11♐10	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s20	17s38	5n 2	9s 0	0s20	9n39	4n21	27n 1	3n15	15n47	0s23	5s35	2s21	19s57	0n 3	22n38	0n30	22n44	0n28	13n40	13n42	17s 1			n.a.
W 2	10 58	19 6	4 35	8 3	0 9	10 2	4 27	27 0	3 14	15 50	0 23	5 32	2 21	19 57	0 3	22 38	0 30	22 44	0 28	13 40	13 43	17 3			n.a.
T 3	10 37	19 44	3 56	7 5	0n 2	10 24	4 34	26 58	3 12	15 52	0 23	5 29	2 20	19 57	0 3	22 39	0 30	22 44	0 28	13 39	13 44	17 4			n.a.
F 4	10 15	19 28	3 6	6 8	0 13	10 45	4 40	26 57	3 10	15 55	0 22	5 26	2 20	19 57	0 3	22 39	0 30	22 44	0 28	13 39	13 46	17 5			n.a.
S 5	9 54	18 15	2 7	5 10	0 25	11 6	4 46	26 55	3 8	15 58	0 22	5 23	2 20	19 57	0 3	22 39	0 30	22 44	0 28	13 39	13 47	17 7			n.a.
S 6	9 32	16 7	1 0	4 13	0 36	11 26	4 52	26 54	3 7	16 1	0 22	5 20	2 20	19 58	0 3	22 39	0 30	22 44	0 28	13 38	13 48	17 8			n.a.
M 7	9 10	13 7	0s11	3 16	0 48	11 46	4 58	26 52	3 5	16 3	0 22	5 16	2 20	19 58	0 3	22 39	0 30	22 44	0 29	13 38	13 49	17 9			n.a.
T 8	8 48	9 23	1 24	2 20	1 0	12 5	5 4	26 51	3 3	16 6	0 22	5 13	2 20	19 58	0 3	22 39	0 30	22 44	0 29	13 39	13 50	17 10			n.a.
W 9	8 26	5 6	2 33	1 25	1 11	12 23	5 9	26 49	3 1	16 9	0 21	5 10	2 20	19 58	0 3	22 40	0 30	22 44	0 29	13 39	13 51	17 12			n.a.
T 10	8 3	0 29	3 34	0 32	1 22	12 41	5 15	26 48	3 0	16 12	0 21	5 7	2 20	19 58	0 3	22 40	0 30	22 44	0 29	13 40	13 52	17 13			n.a.
F 11	7 41	4n13	4 24	0n20	1 34	12 58	5 21	26 46	2 58	16 15	0 21	5 4	2 20	19 58	0 3	22 40	0 30	22 44	0 29	13 40	13 53	17 14			n.a.
S 12	7 18	8 44	4 58	1 10	1 44	13 14	5 26	26 45	2 56	16 17	0 21	5 1	2 20	19 58	0 3	22 40	0 30	22 44	0 29	13 41	13 54	17 15			n.a.
S 13	6 56	12 47	5 14	1 59	1 54	13 29	5 31	26 43	2 55	16 20	0 21	4 58	2 20	19 58	0 3	22 40	0 30	22 44	0 29	13 42	13 55	17 17			n.a.
M14	6 33	16 6	5 11	2 45	2 4	13 44	5 36	26 42	2 53	16 23	0 21	4 54	2 20	19 58	0 3	22 40	0 30	22 45	0 29	13 42	13 56	17 18			n.a.
T 15	6 10	18 27	4 49	3 28	2 13	13 58	5 41	26 40	2 51	16 26	0 20	4 51	2 20	19 58	0 3	22 40	0 30	22 45	0 29	13 42	13 57	17 19			n.a.
W16	5 47	19 39	4 9	4 10	2 22	14 11	5 46	26 39	2 50	16 29	0 20	4 48	2 20	19 58	0 3	22 41	0 30	22 45	0 29	13 42	13 58	17 20			n.a.
T 17	5 24	19 37	3 15	4 48	2 30	14 23	5 51	26 37	2 48	16 32	0 20	4 45	2 20	19 58	0 3	22 41	0 30	22 45	0 29	13 41	13 59	17 22			n.a.
F 18	5 1	18 23	2 10	5 24	2 37	14 34	5 55	26 35	2 47	16 35	0 20	4 42	2 20	19 58	0 3	22 41	0 30	22 45	0 29	13 41	14 0	17 23			n.a.
S 19	4 38	16 4	0 57	5 58	2 43	14 45	5 59	26 34	2 45	16 38	0 20	4 39	2 20	19 58	0 3	22 41	0 30	22 45	0 29	13 41	14 2	17 24			n.a.
S 20	4 15	12 52	0n17	6 28	2 49	14 54	6 3	26 32	2 43	16 41	0 20	4 36	2 20	19 58	0 3	22 41	0 30	22 45	0 29	13 40	14 3	17 25			n.a.
M21	3 52	9 2	1 30	6 56	2 53	15 2	6 7	26 30	2 42	16 44	0 19	4 32	2 20	19 57	0 3	22 41	0 30	22 45	0 29	13 41	14 4	17 26			n.a.
T 22	3 29	4 50	2 36	7 20	2 57	15 9	6 10	26 29	2 40	16 47	0 19	4 29	2 20	19 57	0 3	22 41	0 30	22 45	0 29	13 42	14 5	17 28			n.a.
W23	3 6	0 29	3 33	7 42	3 0	15 15	6 13	26 27	2 39	16 51	0 19	4 26	2 20	19 57	0 3	22 41	0 30	22 46	0 29	13 43	14 6	17 29			n.a.
T 24	2 42	3s48	4 18	8 1	3 1	15 20	6 15	26 25	2 37	16 54	0 19	4 23	2 20	19 57	0 3	22 41	0 30	22 46	0 29	13 44	14 7	17 30			n.a.
F 25	2 19	7 50	4 50	8 16	3 2	15 23	6 18	26 23	2 36	16 57	0 19	4 20	2 20	19 57	0 3	22 41	0 30	22 46	0 29	13 46	14 8	17 31			n.a.
S 26	1 56	11 28	5 8	8 28	3 1	15 25	6 20	26 21	2 34	17 0	0 19	4 17	2 20	19 57	0 3	22 42	0 30	22 46	0 30	13 48	14 9	17 33			n.a.
S 27	1 32	14 35	5 12	8 37	3 0	15 27	6 21	26 19	2 33	17 3	0 19	4 13	2 20	19 57	0 3	22 42	0 30	22 46	0 30	13 49	14 10	17 34			n.a.
M28	1 9	17 3	5 2	8 43	2 57	15 26	6 22	26 17	2 31	17 6	0 18	4 10	2 20	19 57	0 3	22 42	0 30	22 46	0 30	13 50	14 11	17 35			n.a.
T 29	0 46	18 48	4 40	8 46	2 53	15 25	6 23	26 15	2 30	17 10	0 18	4 7	2 20	19 56	0 3	22 42	0 30	22 46	0 30	13 51	14 12	17 36			n.a.
W30	0 22	19 43	4 5	8 45	2 48	15 22	6 23	26 12	2 28	17 13	0 18	4 4	2 20	19 56	0 3	22 42	0 30	22 47	0 30	13 51	14 13	17 37			n.a.
T 31	0n 1	19s46	3n20	8n41	2n41	15n17	6n22	26n10	2n27	17n16	0s18	4s 1	2s20	19s56	0n 3	22n42	0n30	22n47	0n30	13n51	14n14	17s39			n.a.

Julian Day Number = 1343083.5, Delta T = 07h14m00s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'31, Lahiri = -18°15'31 Julian Calendar 1 March 1036 BCE == Greg. Calendar 19 Feb. 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

APRIL 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 57 44	1♈ 0'48	26♉10	15°R34	23°R37	5♋22	18♉31	25♓28	27°R48	20°R36	9♊56	23♌42	22♌26	11♐17	n.a.	F 1
S 2	12 1 40	1°58'37	8♒36	15♈29	23♈22	5°45	18°42	25°35	27♏47	20♋35	9°56	23°43	22°23	11°24	n.a.	S 2
S 3	12 5 37	2°56'25	21°22	15°20	23° 4	6° 9	18°53	25°43	27°46	20°35	9°57	23°R44	22°19	11°30	n.a.	S 3
M 4	12 9 33	3°54'11	4♓30	15° 6	22°44	6°33	19° 4	25°51	27°45	20°35	9°58	23°43	22°16	11°37	n.a.	M 4
T 5	12 13 30	4°51'56	18° 2	14°47	22°22	6°58	19°16	25°59	27°43	20°35	9°59	23°41	22°13	11°44	n.a.	T 5
W 6	12 17 26	5°49'39	1♈55	14°25	21°58	7°22	19°27	26° 6	27°42	20°34	9°59	23°37	22°10	11°51	n.a.	W 6
T 7	12 21 23	6°47'21	16° 9	14° 0	21°31	7°47	19°39	26°14	27°41	20°34	10° 0	23°31	22° 7	11°57	n.a.	T 7
F 8	12 25 19	7°45'01	0♉36	13°31	21° 3	8°13	19°50	26°22	27°40	20°34	10° 1	23°25	22° 4	12° 4	n.a.	F 8
S 9	12 29 16	8°42'40	15°12	13° 0	20°32	8°38	20° 2	26°30	27°39	20°34	10° 2	23°18	22° 0	12°11	n.a.	S 9
S 10	12 33 13	9°40'17	29°48	12°28	20° 1	9° 4	20°14	26°37	27°37	20°34	10° 3	23°12	21°57	12°17	n.a.	S 10
M11	12 37 9	10°37'53	14♊19	11°53	19°27	9°30	20°26	26°45	27°36	20°D34	10° 4	23° 7	21°54	12°24	n.a.	M11
T 12	12 41 6	11°35'27	28°40	11°19	18°52	9°56	20°38	26°53	27°34	20°34	10° 5	23° 5	21°51	12°31	n.a.	T 12
W13	12 45 2	12°33'00	12♋48	10°44	18°17	10°23	20°49	27° 0	27°33	20°34	10° 6	23°D 4	21°48	12°38	n.a.	W13
T 14	12 48 59	13°30'31	26°42	10° 9	17°40	10°49	21° 1	27° 8	27°32	20°34	10° 6	23° 5	21°45	12°44	n.a.	T 14
F 15	12 52 55	14°28'00	10♌22	9°36	17° 2	11°16	21°14	27°16	27°30	20°34	10° 7	23° 6	21°41	12°51	n.a.	F 15
S 16	12 56 52	15°25'28	23°49	9° 4	16°25	11°43	21°26	27°23	27°28	20°34	10° 8	23°R 6	21°38	12°58	n.a.	S 16
S 17	13 0 48	16°22'54	7♍ 2	8°34	15°47	12°11	21°38	27°31	27°27	20°35	10° 9	23° 5	21°35	13° 4	n.a.	S 17
M18	13 4 45	17°20'19	20° 4	8° 7	15° 9	12°38	21°50	27°38	27°25	20°35	10°11	23° 2	21°32	13°11	n.a.	M18
T 19	13 8 42	18°17'42	2♎54	7°43	14°31	13° 6	22° 2	27°46	27°24	20°35	10°12	22°57	21°29	13°18	n.a.	T 19
W20	13 12 38	19°15'04	15°34	7°23	13°54	13°34	22°15	27°53	27°22	20°35	10°13	22°49	21°25	13°25	n.a.	W20
T 21	13 16 35	20°12'26	28° 2	7° 6	13°18	14° 3	22°27	28° 1	27°20	20°36	10°14	22°39	21°22	13°31	n.a.	T 21
F 22	13 20 31	21° 9'46	10♏19	6°53	12°43	14°31	22°39	28° 8	27°18	20°36	10°15	22°29	21°19	13°38	n.a.	F 22
S 23	13 24 28	22° 7'05	22°27	6°45	12° 9	15° 0	22°52	28°16	27°16	20°36	10°16	22°18	21°16	13°45	n.a.	S 23
S 24	13 28 24	23° 4'23	4♐27	6°D41	11°36	15°29	23° 4	28°23	27°15	20°37	10°17	22° 9	21°13	13°51	n.a.	S 24
M25	13 32 21	24° 1'41	16°21	6°41	11° 5	15°58	23°17	28°30	27°13	20°37	10°18	22° 1	21°10	13°58	n.a.	M25
T 26	13 36 17	24°58'58	28°12	6°45	10°36	16°27	23°30	28°38	27°11	20°38	10°19	21°55	21° 6	14° 5	n.a.	T 26
W27	13 40 14	25°56'14	10♑ 4	6°55	10° 9	16°56	23°42	28°45	27° 9	20°38	10°21	21°52	21° 3	14°12	n.a.	W27
T 28	13 44 11	26°53'30	22° 2	7° 8	9°44	17°26	23°55	28°52	27° 7	20°39	10°22	21°D50	21° 0	14°18	n.a.	T 28
F 29	13 48 7	27°50'45	4♒11	7°27	9°21	17°56	24° 8	28°59	27° 5	20°39	10°23	21°50	20°57	14°25	n.a.	F 29
S 30	13 52 4	28♈47'59	16♒36	7♈49	9♈ 0	18♋26	24♉21	29♓ 6	27♏ 3	20♋40	10♊24	21°R51	20♌54	14♐32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n25	18s53	2n24	8n34	2n34	15n11	6n21	26n 8	2n25	17n19	0s18	3s58	2s20	19s56	0n 3	22n42	0n30	22n47	0n30	13n50	14n15	17s40		n.a.
S 2	0 48	17 5	1 21	8 24	2 25	15 4	6 19	26 5	2 24	17 23	0 18	3 55	2 20	19 56	0 3	22 42	0 30	22 47	0 30	13 49	14 16	17 41		n.a.
S 3	1 11	14 24	0 13	8 12	2 15	14 55	6 17	26 3	2 23	17 26	0 18	3 52	2 20	19 55	0 3	22 42	0 30	22 47	0 30	13 49	14 17	17 42		n.a.
M 4	1 34	10 55	0s58	7 56	2 4	14 45	6 14	26 0	2 21	17 29	0 17	3 48	2 20	19 55	0 3	22 42	0 30	22 47	0 30	13 49	14 18	17 43		n.a.
T 5	1 58	6 46	2 8	7 37	1 51	14 33	6 11	25 57	2 20	17 32	0 17	3 45	2 20	19 55	0 3	22 42	0 30	22 47	0 30	13 50	14 19	17 44		n.a.
W 6	2 21	2 9	3 12	7 17	1 38	14 20	6 6	25 55	2 18	17 36	0 17	3 42	2 20	19 55	0 3	22 42	0 30	22 48	0 30	13 52	14 20	17 46		n.a.
T 7	2 44	2n41	4 5	6 53	1 24	14 5	6 2	25 52	2 17	17 39	0 17	3 39	2 20	19 54	0 3	22 42	0 30	22 48	0 30	13 53	14 21	17 47		n.a.
F 8	3 7	7 26	4 44	6 28	1 9	13 49	5 56	25 49	2 16	17 42	0 17	3 36	2 20	19 54	0 3	22 42	0 30	22 48	0 30	13 56	14 23	17 48		n.a.
S 9	3 30	11 47	5 5	6 2	0 53	13 31	5 50	25 46	2 14	17 46	0 17	3 33	2 20	19 54	0 3	22 42	0 30	22 48	0 30	13 58	14 24	17 49		n.a.
S 10	3 53	15 27	5 6	5 34	0 37	13 13	5 43	25 43	2 13	17 49	0 17	3 30	2 20	19 53	0 3	22 42	0 30	22 48	0 30	14 0	14 25	17 50		n.a.
M11	4 16	18 7	4 47	5 5	0 20	12 53	5 35	25 39	2 12	17 52	0 16	3 27	2 20	19 53	0 3	22 42	0 30	22 49	0 30	14 1	14 26	17 52		n.a.
T 12	4 39	19 38	4 11	4 36	0 3	12 31	5 27	25 36	2 10	17 56	0 16	3 24	2 20	19 53	0 3	22 42	0 30	22 49	0 30	14 2	14 27	17 53		n.a.
W13	5 2	19 53	3 20	4 6	0s14	12 9	5 18	25 33	2 9	17 59	0 16	3 21	2 20	19 53	0 3	22 42	0 30	22 49	0 30	14 3	14 28	17 54		n.a.
T 14	5 25	18 54	2 17	3 37	0 31	11 46	5 8	25 29	2 8	18 2	0 16	3 18	2 20	19 52	0 3	22 42	0 30	22 49	0 31	14 2	14 29	17 55		n.a.
F 15	5 47	16 50	1 8	3 8	0 48	11 22	4 58	25 26	2 6	18 6	0 16	3 15	2 20	19 52	0 3	22 42	0 30	22 49	0 31	14 2	14 30	17 56		n.a.
S 16	6 10	13 51	0n 4	2 40	1 4	10 57	4 47	25 22	2 5	18 9	0 16	3 12	2 20	19 52	0 3	22 42	0 30	22 50	0 31	14 2	14 31	17 57		n.a.
S 17	6 32	10 13	1 14	2 14	1 20	10 31	4 35	25 18	2 4	18 12	0 16	3 9	2 20	19 51	0 3	22 42	0 30	22 50	0 31	14 2	14 32	17 58		n.a.
M18	6 55	6 7	2 19	1 49	1 35	10 5	4 23	25 14	2 3	18 16	0 15	3 6	2 21	19 51	0 3	22 42	0 30	22 50	0 31	14 3	14 33	18 0		n.a.
T 19	7 17	1 49	3 17	1 26	1 50	9 39	4 11	25 10	2 1	18 19	0 15	3 3	2 21	19 50	0 3	22 42	0 30	22 50	0 31	14 5	14 34	18 1		n.a.
W20	7 39	2s30	4 3	1 5	2 4	9 13	3 58	25 6	2 0	18 22	0 15	3 0	2 21	19 50	0 3	22 42	0 30	22 50	0 31	14 8	14 35	18 2		n.a.
T 21	8 1	6 38	4 37	0 46	2 17	8 46	3 45	25 2	1 59	18 26	0 15	2 57	2 21	19 50	0 3	22 42	0 30	22 51	0 31	14 11	14 36	18 3		n.a.
F 22	8 23	10 27	4 57	0 30	2 29	8 20	3 31	24 58	1 58	18 29	0 15	2 54	2 21	19 49	0 3	22 42	0 30	22 51	0 31	14 14	14 37	18 4		n.a.
S 23	8 45	13 47	5 4	0 17	2 40	7 54	3 18	24 53	1 56	18 32	0 15	2 51	2 21	19 49	0 3	22 42	0 30	22 51	0 31	14 18	14 38	18 5		n.a.
S 24	9 6	16 30	4 57	0 6	2 49	7 28	3 4	24 48	1 55	18 36	0 15	2 48	2 21	19 48	0 3	22 42	0 30	22 51	0 31	14 21	14 39	18 6		n.a.
M25	9 28	18 30	4 37	0s 2	2 58	7 3	2 50	24 44	1 54	18 39	0 15	2 45	2 21	19 48	0 3	22 42	0 30	22 51	0 31	14 24	14 40	18 8		n.a.
T 26	9 49	19 43	4 6	0 7	3 6	6 39	2 36	24 39	1 53	18 42	0 14	2 42	2 21	19 48	0 3	22 42	0 30	22 52	0 31	14 25	14 41	18 9		n.a.
W27	10 10	20 3	3 23	0 10	3 13	6 15	2 22	24 34	1 52	18 46	0 14	2 40	2 21	19 47	0 3	22 41	0 30	22 52	0 31	14 27	14 42	18 10		n.a.
T 28	10 31	19 29	2 32	0 9	3 19	5 52	2 8	24 29	1 50	18 49	0 14	2 37	2 21	19 47	0 3	22 41	0 30	22 52	0 31	14 27	14 43	18 11		n.a.
F 29	10 52	18 1	1 33	0 6	3 23	5 30	1 54	24 24	1 49	18 52	0 14	2 34	2 22	19 46	0 3	22 41	0 30	22 52	0 31	14 27	14 44	18 12		n.a.
S 30	11n13	15s40	0n28	0s 1	3s27	5n 9	1n40	24n19	1n48	18n56	0s14	2s31	2s22	19s46	0n 3	22n41	0n30	22n53	0n31	14n27	14n45	18s13		n.a.

Julian Day Number = 1343114.5, Delta T = 07h13m59s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'27, Lahiri = -18°15'27 Julian Calendar 1 Apr. 1036 BCE == Greg. Calendar 22 March 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

MAY 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 0	29♈45'13	29♒22	8♈16	8°R42	18♋56	24♉33	29♓14	27°R 1	20♋40	10♊26	21°R51	20♌50	14♐38	n.a.	S 1
M 2	13 59 57	0♉42'26	12♓33	8°47	8♈26	19°26	24°46	29°21	26♏59	20°41	10°27	21♌49	20°47	14°45	n.a.	M 2
T 3	14 3 53	1°39'39	26°11	9°23	8°12	19°57	24°59	29°28	26°57	20°42	10°28	21°45	20°44	14°52	n.a.	T 3
W 4	14 7 50	2°36'52	10♈16	10° 2	8° 1	20°27	25°12	29°35	26°55	20°43	10°29	21°38	20°41	14°59	n.a.	W 4
T 5	14 11 46	3°34'03	24°46	10°46	7°52	20°58	25°25	29°42	26°52	20°43	10°31	21°30	20°38	15° 5	n.a.	T 5
F 6	14 15 43	4°31'15	9♉35	11°34	7°46	21°29	25°38	29°49	26°50	20°44	10°32	21°20	20°35	15°12	n.a.	F 6
S 7	14 19 40	5°28'25	24°34	12°25	7°42	22° 0	25°51	29°56	26°48	20°45	10°33	21° 9	20°31	15°19	n.a.	S 7
S 8	14 23 36	6°25'36	9♊34	13°20	7°D40	22°32	26° 4	0♈ 2	26°46	20°46	10°35	21° 0	20°28	15°25	n.a.	S 8
M 9	14 27 33	7°22'45	24°26	14°19	7°41	23° 3	26°17	0° 9	26°44	20°47	10°36	20°52	20°25	15°32	n.a.	M 9
T 10	14 31 29	8°19'54	9♋ 2	15°21	7°44	23°35	26°31	0°16	26°41	20°48	10°38	20°48	20°22	15°39	n.a.	T 10
W11	14 35 26	9°17'02	23°18	16°28	7°49	24° 7	26°44	0°23	26°39	20°48	10°39	20°45	20°19	15°46	n.a.	W11
T 12	14 39 22	10°14'09	7♌14	17°37	7°56	24°38	26°57	0°29	26°37	20°49	10°40	20°D44	20°16	15°52	n.a.	T 12
F 13	14 43 19	11°11'15	20°48	18°50	8° 5	25°11	27°10	0°36	26°34	20°50	10°42	20°R44	20°12	15°59	n.a.	F 13
S 14	14 47 16	12° 8'21	4♍ 3	20° 7	8°17	25°43	27°23	0°43	26°32	20°51	10°43	20°44	20° 9	16° 6	n.a.	S 14
S 15	14 51 12	13° 5'26	17° 2	21°26	8°31	26°15	27°37	0°49	26°30	20°52	10°45	20°42	20° 6	16°12	n.a.	S 15
M16	14 55 9	14° 2'31	29°47	22°50	8°46	26°48	27°50	0°55	26°27	20°54	10°46	20°37	20° 3	16°19	n.a.	M16
T 17	14 59 5	14°59'35	12♎20	24°16	9° 3	27°20	28° 3	1° 2	26°25	20°55	10°48	20°30	20° 0	16°26	n.a.	T 17
W18	15 3 2	15°56'39	24°43	25°46	9°23	27°53	28°16	1° 8	26°23	20°56	10°49	20°20	19°56	16°33	n.a.	W18
T 19	15 6 58	16°53'42	6♏58	27°19	9°44	28°26	28°30	1°14	26°20	20°57	10°51	20° 8	19°53	16°39	n.a.	T 19
F 20	15 10 55	17°50'46	19° 5	28°55	10° 7	28°59	28°43	1°21	26°18	20°58	10°52	19°54	19°50	16°46	n.a.	F 20
S 21	15 14 51	18°47'49	1♐ 6	0♉34	10°31	29°32	28°57	1°27	26°16	20°59	10°54	19°41	19°47	16°53	n.a.	S 21
S 22	15 18 48	19°44'52	13° 1	2°17	10°57	0♌ 6	29°10	1°33	26°13	21° 1	10°55	19°28	19°44	16°59	n.a.	S 22
M23	15 22 45	20°41'56	24°52	4° 2	11°25	0°39	29°23	1°39	26°11	21° 2	10°57	19°18	19°41	17° 6	n.a.	M23
T 24	15 26 41	21°38'59	6♑42	5°51	11°54	1°13	29°37	1°45	26° 8	21° 3	10°58	19°10	19°37	17°13	n.a.	T 24
W25	15 30 38	22°36'03	18°34	7°42	12°25	1°47	29°50	1°51	26° 6	21° 5	11° 0	19° 4	19°34	17°19	n.a.	W25
T 26	15 34 34	23°33'07	0♒31	9°36	12°57	2°20	0♊ 4	1°57	26° 3	21° 6	11° 1	19° 2	19°31	17°26	n.a.	T 26
F 27	15 38 31	24°30'11	12°39	11°32	13°30	2°54	0°17	2° 3	26° 1	21° 7	11° 3	19° 1	19°28	17°33	n.a.	F 27
S 28	15 42 27	25°27'16	25° 2	13°31	14° 5	3°28	0°30	2° 8	25°59	21° 9	11° 4	19° 1	19°25	17°40	n.a.	S 28
S 29	15 46 24	26°24'21	7♓45	15°32	14°41	4° 3	0°44	2°14	25°56	21°10	11° 6	19° 0	19°22	17°46	n.a.	S 29
M30	15 50 20	27°21'27	20°52	17°35	15°18	4°37	0°57	2°20	25°54	21°12	11° 7	18°59	19°18	17°53	n.a.	M30
T 31	15 54 17	28♉18'33	4♈29	19♉40	15♈56	5♌11	1♊11	2♈25	25♏51	21♋13	11♊ 9	18♌55	19♌15	18♐ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n34	12s30	0s40	0n 8	3s29	4n49	1n26	24n13	1n47	18n59	0s14	2s28	2s22	19s45	0n 3	22n41	0n30	22n53	0n31	14n27	14n46	18s14			n.a.
M 2	11 54	8 37	1 48	0 19	3 31	4 31	1 13	24 8	1 46	19 2	0 14	2 26	2 22	19 45	0 3	22 41	0 30	22 53	0 31	14 27	14 47	18 15			n.a.
T 3	12 14	4 10	2 52	0 32	3 32	4 13	1 0	24 2	1 45	19 6	0 14	2 23	2 22	19 44	0 3	22 41	0 30	22 53	0 32	14 29	14 48	18 16			n.a.
W 4	12 34	0n39	3 47	0 48	3 32	3 57	0 47	23 56	1 43	19 9	0 13	2 20	2 22	19 44	0 3	22 41	0 30	22 54	0 32	14 31	14 49	18 18			n.a.
T 5	12 54	5 34	4 30	1 6	3 31	3 42	0 34	23 50	1 42	19 12	0 13	2 18	2 22	19 43	0 3	22 41	0 30	22 54	0 32	14 34	14 51	18 19			n.a.
F 6	13 14	10 15	4 55	1 27	3 29	3 28	0 22	23 44	1 41	19 15	0 13	2 15	2 22	19 43	0 3	22 40	0 30	22 54	0 32	14 37	14 52	18 20			n.a.
S 7	13 33	14 21	5 1	1 50	3 26	3 15	0 10	23 38	1 40	19 19	0 13	2 12	2 23	19 42	0 3	22 40	0 30	22 54	0 32	14 40	14 53	18 21			n.a.
S 8	13 52	17 31	4 46	2 15	3 22	3 4	0s 2	23 32	1 39	19 22	0 13	2 10	2 23	19 42	0 3	22 40	0 30	22 55	0 32	14 43	14 54	18 22			n.a.
M 9	14 11	19 30	4 12	2 42	3 18	2 54	0 13	23 25	1 38	19 25	0 13	2 7	2 23	19 41	0 3	22 40	0 30	22 55	0 32	14 46	14 55	18 23			n.a.
T 10	14 30	20 9	3 22	3 11	3 13	2 45	0 24	23 18	1 37	19 28	0 13	2 4	2 23	19 41	0 3	22 40	0 30	22 55	0 32	14 47	14 56	18 24			n.a.
W11	14 49	19 28	2 20	3 41	3 7	2 37	0 34	23 12	1 36	19 32	0 13	2 2	2 23	19 40	0 3	22 40	0 30	22 55	0 32	14 48	14 57	18 25			n.a.
T 12	15 7	17 37	1 11	4 14	3 1	2 31	0 45	23 5	1 34	19 35	0 12	1 59	2 23	19 40	0 3	22 40	0 30	22 56	0 32	14 48	14 58	18 26			n.a.
F 13	15 25	14 48	0n 0	4 49	2 54	2 26	0 54	22 58	1 33	19 38	0 12	1 57	2 23	19 39	0 3	22 39	0 30	22 56	0 32	14 48	14 59	18 27			n.a.
S 14	15 43	11 16	1 10	5 25	2 47	2 22	1 4	22 51	1 32	19 41	0 12	1 54	2 24	19 39	0 3	22 39	0 30	22 56	0 32	14 49	15 0	18 28			n.a.
S 15	16 1	7 15	2 14	6 3	2 39	2 19	1 13	22 43	1 31	19 44	0 12	1 52	2 24	19 38	0 3	22 39	0 30	22 56	0 32	14 49	15 1	18 29			n.a.
M16	16 18	3 0	3 11	6 42	2 30	2 17	1 22	22 36	1 30	19 48	0 12	1 49	2 24	19 37	0 3	22 39	0 30	22 57	0 32	14 51	15 2	18 31			n.a.
T 17	16 35	1s19	3 57	7 22	2 21	2 16	1 30	22 29	1 29	19 51	0 12	1 47	2 24	19 37	0 3	22 39	0 29	22 57	0 32	14 53	15 3	18 32			n.a.
W18	16 52	5 32	4 31	8 4	2 11	2 16	1 38	22 21	1 28	19 54	0 12	1 44	2 24	19 36	0 3	22 39	0 29	22 57	0 32	14 56	15 4	18 33			n.a.
T 19	17 9	9 28	4 52	8 48	2 1	2 18	1 46	22 13	1 27	19 57	0 12	1 42	2 24	19 36	0 3	22 38	0 29	22 58	0 32	15 0	15 5	18 34			n.a.
F 20	17 25	12 58	5 0	9 32	1 51	2 20	1 53	22 5	1 26	20 0	0 12	1 40	2 25	19 35	0 3	22 38	0 29	22 58	0 33	15 4	15 6	18 35			n.a.
S 21	17 41	15 54	4 54	10 17	1 40	2 23	2 0	21 57	1 25	20 3	0 11	1 37	2 25	19 35	0 3	22 38	0 29	22 58	0 33	15 9	15 7	18 36			n.a.
S 22	17 57	18 10	4 35	11 4	1 29	2 28	2 7	21 49	1 24	20 6	0 11	1 35	2 25	19 34	0 3	22 38	0 29	22 58	0 33	15 13	15 8	18 37			n.a.
M23	18 13	19 38	4 5	11 50	1 18	2 33	2 13	21 40	1 23	20 9	0 11	1 33	2 25	19 34	0 3	22 38	0 29	22 59	0 33	15 16	15 9	18 38			n.a.
T 24	18 28	20 15	3 24	12 38	1 7	2 39	2 19	21 32	1 22	20 12	0 11	1 31	2 25	19 33	0 3	22 37	0 29	22 59	0 33	15 19	15 10	18 39			n.a.
W25	18 43	19 58	2 34	13 26	0 55	2 46	2 25	21 23	1 21	20 15	0 11	1 28	2 25	19 32	0 3	22 37	0 29	22 59	0 33	15 20	15 11	18 40			n.a.
T 26	18 57	18 47	1 36	14 14	0 44	2 53	2 30	21 15	1 20	20 18	0 11	1 26	2 26	19 32	0 3	22 37	0 29	22 59	0 33	15 21	15 12	18 41			n.a.
F 27	19 12	16 44	0 34	15 2	0 32	3 2	2 35	21 6	1 19	20 21	0 11	1 24	2 26	19 31	0 3	22 37	0 29	23 0	0 33	15 22	15 13	18 42			n.a.
S 28	19 26	13 53	0s32	15 49	0 20	3 11	2 40	20 57	1 18	20 24	0 11	1 22	2 26	19 31	0 3	22 37	0 29	23 0	0 33	15 22	15 14	18 43			n.a.
S 29	19 39	10 18	1 38	16 36	0 9	3 21	2 45	20 47	1 17	20 27	0 11	1 20	2 26	19 30	0 3	22 36	0 29	23 0	0 33	15 22	15 15	18 44			n.a.
M30	19 53	6 7	2 40	17 23	0n 2	3 31	2 49	20 38	1 16	20 30	0 11	1 18	2 26	19 30	0 3	22 36	0 29	23 1	0 33	15 22	15 16	18 45			n.a.
T 31	20n 6	1s29	3s36	18n 8	0n13	3n43	2s53	20n29	1n15	20n33	0s10	1s16	2s27	19s29	0n 3	22n36	0n29	23n 1	0n33	15n23	15n17	18s46			n.a.

Julian Day Number = 1343144.5, Delta T = 07h13m57s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'23, Lahiri = -18°15'22 Julian Calendar 1 May 1036 BCE == Greg. Calendar 21 Apr. 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

JUNE 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 58 14	29♉15'39	18♈34	21♉46	16♈36	5♌46	1♊24	2♈31	25°R49	21♋15	11♊11	18°R49	19♌12	18♐ 6	n.a.	W 1
T 2	16 2 10	0♊12'46	3♉ 8	23°53	17°16	6°21	1°38	2°36	25♏46	21°16	11°12	18♌40	19° 9	18°13	n.a.	T 2
F 3	16 6 7	1° 9'54	18° 5	26° 2	17°58	6°56	1°51	2°41	25°44	21°18	11°14	18°30	19° 6	18°20	n.a.	F 3
S 4	16 10 3	2° 7'02	3♊16	28°11	18°40	7°31	2° 5	2°47	25°42	21°19	11°15	18°20	19° 2	18°27	n.a.	S 4
S 5	16 14 0	3° 4'10	18°32	0♊20	19°24	8° 6	2°18	2°52	25°39	21°21	11°17	18°10	18°59	18°33	n.a.	S 5
M 6	16 17 56	4° 1'19	3♋40	2°29	20° 8	8°41	2°32	2°57	25°37	21°22	11°18	18° 2	18°56	18°40	n.a.	M 6
T 7	16 21 53	4°58'29	18°31	4°38	20°53	9°16	2°45	3° 2	25°34	21°24	11°20	17°57	18°53	18°47	n.a.	T 7
W 8	16 25 50	5°55'38	3♌ 1	6°46	21°39	9°51	2°59	3° 7	25°32	21°26	11°22	17°55	18°50	18°53	n.a.	W 8
T 9	16 29 46	6°52'48	17° 4	8°53	22°26	10°27	3°12	3°12	25°30	21°27	11°23	17°D54	18°47	19° 0	n.a.	T 9
F 10	16 33 43	7°49'57	0♍42	11° 0	23°14	11° 3	3°26	3°17	25°27	21°29	11°25	17°54	18°43	19° 7	n.a.	F 10
S 11	16 37 39	8°47'08	13°56	13° 6	24° 2	11°38	3°39	3°21	25°25	21°31	11°26	17°R54	18°40	19°13	n.a.	S 11
S 12	16 41 36	9°44'18	26°50	15°10	24°51	12°14	3°52	3°26	25°23	21°33	11°28	17°53	18°37	19°20	n.a.	S 12
M13	16 45 32	10°41'29	9♎26	17°13	25°41	12°50	4° 6	3°31	25°20	21°34	11°30	17°49	18°34	19°27	n.a.	M13
T 14	16 49 29	11°38'40	21°49	19°15	26°31	13°26	4°19	3°35	25°18	21°36	11°31	17°44	18°31	19°34	n.a.	T 14
W15	16 53 25	12°35'52	4♏ 1	21°15	27°22	14° 2	4°33	3°40	25°16	21°38	11°33	17°35	18°28	19°40	n.a.	W15
T 16	16 57 22	13°33'04	16° 6	23°13	28°14	14°39	4°46	3°44	25°13	21°40	11°35	17°25	18°24	19°47	n.a.	T 16
F 17	17 1 19	14°30'18	28° 5	25°10	29° 7	15°15	4°59	3°48	25°11	21°42	11°36	17°14	18°21	19°54	n.a.	F 17
S 18	17 5 15	15°27'32	9♐59	27° 5	29°59	15°51	5°13	3°52	25° 9	21°43	11°38	17° 2	18°18	20° 0	n.a.	S 18
S 19	17 9 12	16°24'46	21°51	28°59	0♑53	16°28	5°26	3°56	25° 7	21°45	11°39	16°51	18°15	20° 7	n.a.	S 19
M20	17 13 8	17°22'02	3♑42	0♋51	1°47	17° 5	5°39	4° 0	25° 5	21°47	11°41	16°42	18°12	20°14	n.a.	M20
T 21	17 17 5	18°19'19	15°33	2°41	2°42	17°41	5°53	4° 4	25° 2	21°49	11°43	16°36	18° 8	20°21	n.a.	T 21
W22	17 21 1	19°16'37	27°28	4°29	3°37	18°18	6° 6	4° 8	25° 0	21°51	11°44	16°32	18° 5	20°27	n.a.	W22
T 23	17 24 58	20°13'55	9♒29	6°16	4°33	18°55	6°19	4°12	24°58	21°53	11°46	16°30	18° 2	20°34	n.a.	T 23
F 24	17 28 54	21°11'16	21°39	8° 1	5°29	19°32	6°32	4°15	24°56	21°55	11°47	16°D29	17°59	20°41	n.a.	F 24
S 25	17 32 51	22° 8'37	4♓ 3	9°45	6°25	20° 9	6°46	4°19	24°54	21°57	11°49	16°30	17°56	20°47	n.a.	S 25
S 26	17 36 48	23° 5'59	16°46	11°27	7°22	20°46	6°59	4°22	24°52	21°59	11°51	16°31	17°53	20°54	n.a.	S 26
M27	17 40 44	24° 3'23	29°50	13° 7	8°20	21°24	7°12	4°26	24°50	22° 1	11°52	16°R31	17°49	21° 1	n.a.	M27
T 28	17 44 41	25° 0'49	13♈21	14°46	9°18	22° 1	7°25	4°29	24°48	22° 3	11°54	16°30	17°46	21° 7	n.a.	T 28
W29	17 48 37	25°58'16	27°19	16°23	10°16	22°39	7°38	4°32	24°46	22° 5	11°55	16°26	17°43	21°14	n.a.	W29
T 30	17 52 34	26♊55'44	11♉45	17♋58	11♉15	23♌16	7♊51	4♈35	24♏44	22♋ 7	11♊57	16♌21	17♌40	21♐21	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n18	3n23	4s21	18n53	0n24	3n54	2s57	20n19	1n14	20n36	0s10	1s14	2s27	19s28	0n 3	22n36	0n29	23n 1	0n33	15n25	15n18	18s47		n.a.
T 2	20 31	8 12	4 50	19 35	0 34	4 7	3 0	20 9	1 13	20 39	0 10	1 12	2 27	19 28	0 2	22 35	0 29	23 1	0 33	15 28	15 19	18 48		n.a.
F 3	20 43	12 40	5 1	20 16	0 44	4 20	3 4	19 59	1 12	20 42	0 10	1 10	2 27	19 27	0 2	22 35	0 29	23 2	0 33	15 31	15 20	18 49		n.a.
S 4	20 55	16 23	4 51	20 55	0 53	4 33	3 7	19 49	1 11	20 44	0 10	1 8	2 28	19 27	0 2	22 35	0 29	23 2	0 33	15 34	15 21	18 50		n.a.
S 5	21 6	18 59	4 21	21 32	1 1	4 47	3 9	19 39	1 10	20 47	0 10	1 6	2 28	19 26	0 2	22 35	0 29	23 2	0 33	15 37	15 22	18 51		n.a.
M 6	21 17	20 14	3 32	22 7	1 9	5 2	3 12	19 29	1 9	20 50	0 10	1 4	2 28	19 26	0 2	22 34	0 29	23 3	0 34	15 40	15 23	18 52		n.a.
T 7	21 28	20 3	2 29	22 39	1 17	5 17	3 14	19 18	1 8	20 53	0 10	1 2	2 28	19 25	0 2	22 34	0 29	23 3	0 34	15 41	15 24	18 53		n.a.
W 8	21 38	18 32	1 18	23 9	1 23	5 32	3 16	19 8	1 7	20 56	0 10	1 0	2 28	19 24	0 2	22 34	0 29	23 3	0 34	15 42	15 25	18 54		n.a.
T 9	21 48	15 54	0 4	23 36	1 29	5 48	3 18	18 57	1 6	20 58	0 9	0 59	2 29	19 24	0 2	22 34	0 29	23 3	0 34	15 42	15 26	18 55		n.a.
F 10	21 58	12 27	1n 8	24 1	1 35	6 4	3 20	18 46	1 5	21 1	0 9	0 57	2 29	19 23	0 2	22 33	0 29	23 4	0 34	15 42	15 27	18 56		n.a.
S 11	22 7	8 28	2 14	24 22	1 39	6 21	3 21	18 35	1 4	21 4	0 9	0 55	2 29	19 23	0 2	22 33	0 29	23 4	0 34	15 42	15 28	18 57		n.a.
S 12	22 16	4 12	3 11	24 41	1 43	6 38	3 23	18 24	1 3	21 6	0 9	0 53	2 29	19 22	0 2	22 33	0 29	23 4	0 34	15 43	15 29	18 58		n.a.
M13	22 24	0s 9	3 58	24 57	1 46	6 55	3 24	18 13	1 2	21 9	0 9	0 52	2 30	19 22	0 2	22 33	0 29	23 5	0 34	15 44	15 30	18 59		n.a.
T 14	22 32	4 25	4 33	25 11	1 49	7 13	3 25	18 2	1 1	21 12	0 9	0 50	2 30	19 21	0 2	22 32	0 29	23 5	0 34	15 46	15 31	19 0		n.a.
W15	22 40	8 26	4 55	25 22	1 51	7 31	3 25	17 50	1 0	21 14	0 9	0 49	2 30	19 21	0 2	22 32	0 29	23 5	0 34	15 48	15 32	19 1		n.a.
T 16	22 47	12 5	5 3	25 30	1 52	7 49	3 26	17 38	0 59	21 17	0 9	0 47	2 30	19 20	0 2	22 32	0 29	23 5	0 34	15 51	15 33	19 2		n.a.
F 17	22 54	15 13	4 58	25 36	1 52	8 7	3 26	17 27	0 58	21 19	0 9	0 46	2 31	19 19	0 2	22 31	0 29	23 6	0 34	15 55	15 34	19 3		n.a.
S 18	23 1	17 41	4 39	25 39	1 52	8 26	3 27	17 15	0 57	21 22	0 9	0 44	2 31	19 19	0 2	22 31	0 29	23 6	0 34	15 59	15 35	19 4		n.a.
S 19	23 7	19 25	4 9	25 40	1 52	8 44	3 27	17 3	0 56	21 25	0 8	0 43	2 31	19 18	0 2	22 31	0 29	23 6	0 34	16 2	15 36	19 5		n.a.
M20	23 12	20 18	3 28	25 39	1 50	9 3	3 26	16 51	0 56	21 27	0 8	0 42	2 31	19 18	0 2	22 30	0 29	23 7	0 34	16 5	15 37	19 6		n.a.
T 21	23 18	20 17	2 38	25 36	1 48	9 22	3 26	16 38	0 55	21 29	0 8	0 40	2 32	19 17	0 2	22 30	0 29	23 7	0 34	16 7	15 38	19 7		n.a.
W22	23 23	19 21	1 40	25 30	1 46	9 42	3 26	16 26	0 54	21 32	0 8	0 39	2 32	19 17	0 2	22 30	0 30	23 7	0 35	16 8	15 39	19 8		n.a.
T 23	23 27	17 33	0 38	25 23	1 43	10 1	3 25	16 13	0 53	21 34	0 8	0 38	2 32	19 16	0 2	22 30	0 30	23 7	0 35	16 8	15 40	19 9		n.a.
F 24	23 31	14 57	0s28	25 14	1 40	10 21	3 25	16 1	0 52	21 37	0 8	0 36	2 32	19 16	0 2	22 29	0 30	23 8	0 35	16 8	15 41	19 10		n.a.
S 25	23 35	11 37	1 33	25 3	1 36	10 40	3 24	15 48	0 51	21 39	0 8	0 35	2 33	19 15	0 2	22 29	0 30	23 8	0 35	16 8	15 42	19 11		n.a.
S 26	23 38	7 41	2 35	24 50	1 31	11 0	3 23	15 35	0 50	21 41	0 8	0 34	2 33	19 15	0 2	22 29	0 30	23 8	0 35	16 8	15 43	19 11		n.a.
M27	23 41	3 18	3 32	24 36	1 27	11 20	3 22	15 22	0 49	21 44	0 8	0 33	2 33	19 14	0 2	22 28	0 30	23 9	0 35	16 8	15 44	19 12		n.a.
T 28	23 43	1n24	4 18	24 20	1 22	11 39	3 20	15 9	0 48	21 46	0 8	0 32	2 33	19 14	0 2	22 28	0 30	23 9	0 35	16 8	15 45	19 13		n.a.
W29	23 45	6 10	4 51	24 3	1 16	11 59	3 19	14 56	0 47	21 48	0 7	0 31	2 34	19 13	0 2	22 28	0 30	23 9	0 35	16 9	15 46	19 14		n.a.
T 30	23n47	10n44	5s 7	23n45	1n10	12n19	3s18	14n42	0n46	21n51	0s 7	0s30	2s34	19s13	0n 2	22n27	0n30	23n 9	0n35	16n11	15n47	19s15		n.a.

Julian Day Number = 1343175.5, Delta T = 07h13m56s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'19, Lahiri = -18°15'18 Julian Calendar 1 June 1036 BCE == Greg. Calendar 22 May 1036 BCE

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

JULY 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 56 30	27♊53'14	26♉35	19♋32	12♉14	23♌54	8♊ 4	4♈38	24°R42	22♋ 9	11♊58	16°R14	17♌37	21♐28	n.a.	F 1
S 2	18 0 27	28°50'45	11♊43	21° 4	13°14	24°32	8°17	4°41	24♏40	22°11	12° 0	16♌ 7	17°33	21°34	n.a.	S 2
S 3	18 4 23	29°48'18	26°58	22°34	14°14	25°10	8°30	4°44	24°38	22°13	12° 1	16° 1	17°30	21°41	n.a.	S 3
M 4	18 8 20	0♋45'52	12♋11	24° 3	15°14	25°48	8°43	4°46	24°36	22°15	12° 3	15°55	17°27	21°48	n.a.	M 4
T 5	18 12 17	1°43'28	27°11	25°30	16°15	26°26	8°56	4°49	24°35	22°17	12° 5	15°52	17°24	21°54	n.a.	T 5
W 6	18 16 13	2°41'04	11♌50	26°56	17°16	27° 4	9° 9	4°51	24°33	22°20	12° 6	15°D51	17°21	22° 1	n.a.	W 6
T 7	18 20 10	3°38'42	26° 3	28°19	18°17	27°42	9°22	4°54	24°31	22°22	12° 8	15°51	17°18	22° 8	n.a.	T 7
F 8	18 24 6	4°36'21	9♍49	29°41	19°18	28°21	9°35	4°56	24°30	22°24	12° 9	15°52	17°14	22°14	n.a.	F 8
S 9	18 28 3	5°34'01	23° 9	1♌ 1	20°20	28°59	9°47	4°58	24°28	22°26	12°11	15°53	17°11	22°21	n.a.	S 9
S 10	18 31 59	6°31'42	6♎ 4	2°20	21°22	29°38	10° 0	5° 0	24°26	22°28	12°12	15°R54	17° 8	22°28	n.a.	S 10
M11	18 35 56	7°29'24	18°40	3°36	22°25	0♍17	10°13	5° 2	24°25	22°30	12°14	15°53	17° 5	22°35	n.a.	M11
T 12	18 39 53	8°27'08	0♏59	4°51	23°28	0°55	10°25	5° 4	24°23	22°32	12°15	15°51	17° 2	22°41	n.a.	T 12
W13	18 43 49	9°24'53	13° 7	6° 3	24°31	1°34	10°38	5° 6	24°22	22°35	12°17	15°47	16°59	22°48	n.a.	W13
T 14	18 47 46	10°22'39	25° 6	7°13	25°34	2°13	10°50	5° 7	24°20	22°37	12°18	15°42	16°55	22°55	n.a.	T 14
F 15	18 51 42	11°20'27	7♐ 0	8°22	26°37	2°52	11° 3	5° 9	24°19	22°39	12°19	15°36	16°52	23° 1	n.a.	F 15
S 16	18 55 39	12°18'16	18°51	9°28	27°41	3°31	11°15	5°10	24°17	22°41	12°21	15°30	16°49	23° 8	n.a.	S 16
S 17	18 59 35	13°16'07	0♑43	10°31	28°45	4°10	11°28	5°12	24°16	22°43	12°22	15°24	16°46	23°15	n.a.	S 17
M18	19 3 32	14°13'59	12°36	11°32	29°50	4°49	11°40	5°13	24°15	22°46	12°24	15°20	16°43	23°21	n.a.	M18
T 19	19 7 28	15°11'53	24°33	12°31	0♒54	5°29	11°52	5°14	24°14	22°48	12°25	15°17	16°39	23°28	n.a.	T 19
W20	19 11 25	16° 9'49	6♓35	13°27	1°59	6° 8	12° 4	5°15	24°12	22°50	12°26	15°15	16°36	23°35	n.a.	W20
T 21	19 15 22	17° 7'47	18°46	14°19	3° 4	6°48	12°17	5°16	24°11	22°52	12°28	15°D15	16°33	23°42	n.a.	T 21
F 22	19 19 18	18° 5'46	1♈ 6	15° 9	4° 9	7°27	12°29	5°17	24°10	22°54	12°29	15°15	16°30	23°48	n.a.	F 22
S 23	19 23 15	19° 3'47	13°38	15°55	5°15	8° 7	12°41	5°17	24° 9	22°57	12°31	15°17	16°27	23°55	n.a.	S 23
S 24	19 27 11	20° 1'51	26°27	16°38	6°20	8°47	12°53	5°18	24° 8	22°59	12°32	15°19	16°24	24° 2	n.a.	S 24
M25	19 31 8	20°59'56	9♈33	17°18	7°26	9°27	13° 5	5°18	24° 7	23° 1	12°33	15°20	16°20	24° 8	n.a.	M25
T 26	19 35 4	21°58'04	23° 1	17°53	8°32	10° 6	13°16	5°19	24° 6	23° 3	12°35	15°R20	16°17	24°15	n.a.	T 26
W27	19 39 1	22°56'14	6♉51	18°24	9°39	10°46	13°28	5°19	24° 5	23° 6	12°36	15°20	16°14	24°22	n.a.	W27
T 28	19 42 57	23°54'25	21° 4	18°50	10°45	11°27	13°40	5°19	24° 4	23° 8	12°37	15°18	16°11	24°28	n.a.	T 28
F 29	19 46 54	24°52'40	5♊38	19°12	11°52	12° 7	13°52	5°R19	24° 4	23°10	12°38	15°16	16° 8	24°35	n.a.	F 29
S 30	19 50 50	25°50'56	20°28	19°29	12°59	12°47	14° 3	5°19	24° 3	23°12	12°40	15°13	16° 5	24°42	n.a.	S 30
S 31	19 54 47	26♋49'15	5♋28	19♌40	14♊ 6	13♍27	14♊15	5♈19	24♏ 2	23♋15	12♊41	15♌11	16♌ 1	24♐48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	14n47	5s 3	23n25	1n 4	12n39	3s16	14n29	0n46	21n53	0s 7	0s29	2s34	19s12	0n 2	22n27	0n30	23n10	0n35	16n13	15n48	19s16		n.a.
S 2	23 49	17 57	4 38	23 4	0 57	12 58	3 14	14 15	0 45	21 55	0 7	0 28	2 34	19 12	0 2	22 27	0 30	23 10	0 35	16 15	15 49	19 17		n.a.
S 3	23 49	19 54	3 53	22 43	0 50	13 18	3 12	14 1	0 44	21 57	0 7	0 27	2 35	19 12	0 2	22 26	0 30	23 10	0 35	16 17	15 50	19 18		n.a.
M 4	23 49	20 24	2 52	22 20	0 42	13 38	3 11	13 47	0 43	21 59	0 7	0 26	2 35	19 11	0 2	22 26	0 30	23 11	0 35	16 19	15 51	19 19		n.a.
T 5	23 48	19 26	1 39	21 57	0 35	13 57	3 8	13 33	0 42	22 2	0 7	0 26	2 35	19 11	0 2	22 26	0 30	23 11	0 35	16 20	15 52	19 20		n.a.
W 6	23 47	17 10	0 22	21 33	0 27	14 16	3 6	13 19	0 41	22 4	0 7	0 25	2 36	19 10	0 2	22 25	0 30	23 11	0 36	16 20	15 53	19 21		n.a.
T 7	23 46	13 54	0n55	21 8	0 19	14 36	3 4	13 5	0 40	22 6	0 7	0 24	2 36	19 10	0 2	22 25	0 30	23 11	0 36	16 20	15 54	19 22		n.a.
F 8	23 44	9 57	2 6	20 42	0 10	14 55	3 2	12 51	0 39	22 8	0 6	0 24	2 36	19 9	0 2	22 25	0 30	23 12	0 36	16 20	15 55	19 22		n.a.
S 9	23 42	5 38	3 9	20 16	0 1	15 14	2 59	12 36	0 38	22 10	0 6	0 23	2 36	19 9	0 2	22 24	0 30	23 12	0 36	16 19	15 56	19 23		n.a.
S 10	23 39	1 12	3 59	19 50	0s 7	15 33	2 57	12 22	0 38	22 12	0 6	0 22	2 37	19 9	0 2	22 24	0 30	23 12	0 36	16 19	15 57	19 24		n.a.
M11	23 36	3s10	4 37	19 23	0 17	15 51	2 54	12 7	0 37	22 14	0 6	0 22	2 37	19 8	0 2	22 23	0 30	23 12	0 36	16 19	15 58	19 25		n.a.
T 12	23 33	7 19	5 1	18 56	0 26	16 10	2 52	11 53	0 36	22 16	0 6	0 21	2 37	19 8	0 2	22 23	0 30	23 13	0 36	16 20	15 59	19 26		n.a.
W13	23 29	11 5	5 11	18 29	0 36	16 28	2 49	11 38	0 35	22 18	0 6	0 21	2 38	19 8	0 2	22 23	0 30	23 13	0 36	16 21	16 0	19 27		n.a.
T 14	23 24	14 23	5 7	18 2	0 45	16 46	2 46	11 23	0 34	22 20	0 6	0 21	2 38	19 7	0 2	22 22	0 30	23 13	0 36	16 23	16 1	19 28		n.a.
F 15	23 19	17 4	4 50	17 34	0 55	17 4	2 43	11 8	0 33	22 21	0 6	0 20	2 38	19 7	0 2	22 22	0 30	23 13	0 36	16 25	16 2	19 29		n.a.
S 16	23 14	19 1	4 20	17 7	1 5	17 21	2 40	10 53	0 32	22 23	0 6	0 20	2 38	19 6	0 2	22 22	0 30	23 14	0 36	16 26	16 3	19 29		n.a.
S 17	23 9	20 9	3 40	16 40	1 15	17 39	2 37	10 37	0 32	22 25	0 6	0 20	2 39	19 6	0 2	22 21	0 30	23 14	0 36	16 28	16 3	19 30		n.a.
M18	23 3	20 24	2 49	16 13	1 26	17 55	2 34	10 22	0 31	22 27	0 5	0 19	2 39	19 6	0 2	22 21	0 30	23 14	0 36	16 30	16 4	19 31		n.a.
T 19	22 56	19 44	1 51	15 47	1 36	18 12	2 31	10 7	0 30	22 29	0 5	0 19	2 39	19 6	0 2	22 21	0 30	23 15	0 36	16 30	16 5	19 32		n.a.
W20	22 49	18 9	0 47	15 21	1 46	18 28	2 28	9 51	0 29	22 30	0 5	0 19	2 40	19 5	0 2	22 20	0 30	23 15	0 36	16 31	16 6	19 33		n.a.
T 21	22 42	15 45	0s19	14 56	1 57	18 44	2 24	9 35	0 28	22 32	0 5	0 19	2 40	19 5	0 2	22 20	0 30	23 15	0 37	16 31	16 7	19 34		n.a.
F 22	22 34	12 36	1 26	14 31	2 7	19 0	2 21	9 20	0 27	22 34	0 5	0 19	2 40	19 5	0 2	22 19	0 30	23 15	0 37	16 31	16 8	19 35		n.a.
S 23	22 26	8 50	2 30	14 8	2 18	19 15	2 18	9 4	0 26	22 36	0 5	0 19	2 40	19 4	0 2	22 19	0 30	23 16	0 37	16 30	16 9	19 35		n.a.
S 24	22 18	4 36	3 28	13 45	2 28	19 30	2 14	8 48	0 26	22 37	0 5	0 19	2 41	19 4	0 2	22 19	0 30	23 16	0 37	16 30	16 10	19 36		n.a.
M25	22 9	0 4	4 16	13 23	2 38	19 45	2 11	8 32	0 25	22 39	0 5	0 19	2 41	19 4	0 2	22 18	0 30	23 16	0 37	16 30	16 11	19 37		n.a.
T 26	22 0	4n35	4 52	13 3	2 48	19 59	2 7	8 16	0 24	22 40	0 5	0 19	2 41	19 4	0 2	22 18	0 30	23 16	0 37	16 29	16 12	19 38		n.a.
W27	21 50	9 7	5 12	12 44	2 58	20 13	2 4	8 0	0 23	22 42	0 5	0 19	2 42	19 4	0 2	22 18	0 30	23 17	0 37	16 30	16 13	19 39		n.a.
T 28	21 40	13 16	5 14	12 26	3 8	20 26	2 0	7 44	0 22	22 44	0 4	0 20	2 42	19 3	0 2	22 17	0 30	23 17	0 37	16 30	16 14	19 40		n.a.
F 29	21 29	16 44	4 56	12 11	3 17	20 39	1 56	7 27	0 21	22 45	0 4	0 20	2 42	19 3	0 2	22 17	0 30	23 17	0 37	16 31	16 15	19 40		n.a.
S 30	21 19	19 11	4 18	11 57	3 26	20 51	1 53	7 11	0 21	22 47	0 4	0 20	2 42	19 3	0 2	22 17	0 30	23 17	0 37	16 32	16 16	19 41		n.a.
S 31	21n 7	20n20	3s22	11n46	3s34	21n 3	1s49	6n54	0n20	22n48	0s 4	0s20	2s43	19s 3	0n 2	22n16	0n30	23n17	0n37	16n32	16n17	19s42		n.a.

Julian Day Number = 1343205.5, Delta T = 07h13m54s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'15, Lahiri = -18°15'14 Julian Calendar 1 July 1036 BCE == Greg. Calendar 21 June 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

AUGUST 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 58 44	27♋47'35	20♋30	19°R46	15♊14	14♍ 8	14♊26	5°R18	24°R 2	23♋17	12♊42	15°R 9	15♌58	24♐55	n.a.	M 1
T 2	20 2 40	28°45'58	5♌23	19♌45	16°21	14°48	14°37	5♈18	24♏ 1	23°19	12°43	15♌ 8	15°55	25° 2	n.a.	T 2
W 3	20 6 37	29°44'22	20° 2	19°39	17°29	15°29	14°49	5°17	24° 0	23°21	12°44	15°D 8	15°52	25° 9	n.a.	W 3
T 4	20 10 33	0♌42'49	4♍19	19°26	18°36	16°10	15° 0	5°17	24° 0	23°23	12°46	15° 9	15°49	25°15	n.a.	T 4
F 5	20 14 30	1°41'17	18°11	19° 6	19°44	16°50	15°11	5°16	23°59	23°26	12°47	15°10	15°45	25°22	n.a.	F 5
S 6	20 18 26	2°39'47	1♎37	18°40	20°53	17°31	15°22	5°15	23°59	23°28	12°48	15°11	15°42	25°29	n.a.	S 6
S 7	20 22 23	3°38'18	14°38	18° 7	22° 1	18°12	15°33	5°14	23°59	23°30	12°49	15°12	15°39	25°35	n.a.	S 7
M 8	20 26 19	4°36'52	27°17	17°28	23° 9	18°53	15°44	5°13	23°58	23°32	12°50	15°12	15°36	25°42	n.a.	M 8
T 9	20 30 16	5°35'27	9♏38	16°42	24°18	19°34	15°55	5°12	23°58	23°34	12°51	15°R12	15°33	25°49	n.a.	T 9
W10	20 34 13	6°34'04	21°45	15°51	25°27	20°15	16° 5	5°11	23°58	23°37	12°52	15°12	15°30	25°55	n.a.	W10
T 11	20 38 9	7°32'43	3♐42	14°55	26°36	20°57	16°16	5° 9	23°58	23°39	12°53	15°11	15°26	26° 2	n.a.	T 11
F 12	20 42 6	8°31'24	15°34	13°55	27°45	21°38	16°27	5° 8	23°58	23°41	12°54	15°10	15°23	26° 9	n.a.	F 12
S 13	20 46 2	9°30'06	27°25	12°52	28°54	22°19	16°37	5° 6	23°D58	23°43	12°55	15° 9	15°20	26°15	n.a.	S 13
S 14	20 49 59	10°28'51	9♑18	11°47	0♋ 3	23° 1	16°47	5° 5	23°58	23°45	12°56	15° 9	15°17	26°22	n.a.	S 14
M15	20 53 55	11°27'38	21°16	10°43	1°13	23°42	16°58	5° 3	23°58	23°47	12°57	15° 8	15°14	26°29	n.a.	M15
T 16	20 57 52	12°26'26	3♒21	9°40	2°23	24°24	17° 8	5° 1	23°58	23°50	12°58	15° 8	15°11	26°36	n.a.	T 16
W17	21 1 48	13°25'17	15°36	8°41	3°32	25° 6	17°18	4°59	23°58	23°52	12°59	15°D 8	15° 7	26°42	n.a.	W17
T 18	21 5 45	14°24'10	28° 1	7°46	4°42	25°47	17°28	4°57	23°58	23°54	13° 0	15° 8	15° 4	26°49	n.a.	T 18
F 19	21 9 41	15°23'05	10♓38	6°57	5°52	26°29	17°37	4°54	23°58	23°56	13° 1	15°R 8	15° 1	26°56	n.a.	F 19
S 20	21 13 38	16°22'02	23°28	6°17	7° 3	27°11	17°47	4°52	23°59	23°58	13° 2	15° 8	14°58	27° 2	n.a.	S 20
S 21	21 17 35	17°21'01	6♈32	5°44	8°13	27°53	17°57	4°50	23°59	24° 0	13° 2	15° 8	14°55	27° 9	n.a.	S 21
M22	21 21 31	18°20'03	19°51	5°21	9°23	28°35	18° 6	4°47	23°59	24° 2	13° 3	15° 7	14°51	27°16	n.a.	M22
T 23	21 25 28	19°19'08	3♉24	5° 8	10°34	29°17	18°16	4°45	24° 0	24° 4	13° 4	15° 7	14°48	27°22	n.a.	T 23
W24	21 29 24	20°18'15	17°13	5°D 5	11°45	29°59	18°25	4°42	24° 0	24° 6	13° 5	15°D 7	14°45	27°29	n.a.	W24
T 25	21 33 21	21°17'24	1♊16	5°13	12°56	0♎42	18°34	4°39	24° 1	24° 8	13° 6	15° 7	14°42	27°36	n.a.	T 25
F 26	21 37 17	22°16'36	15°33	5°31	14° 7	1°24	18°43	4°36	24° 2	24°10	13° 6	15° 7	14°39	27°42	n.a.	F 26
S 27	21 41 14	23°15'51	0♋ 1	5°59	15°18	2° 7	18°52	4°33	24° 2	24°12	13° 7	15° 8	14°36	27°49	n.a.	S 27
S 28	21 45 10	24°15'08	14°36	6°36	16°29	2°49	19° 1	4°30	24° 3	24°14	13° 8	15° 9	14°32	27°56	n.a.	S 28
M29	21 49 7	25°14'27	29°14	7°22	17°40	3°32	19°10	4°27	24° 4	24°16	13° 8	15° 9	14°29	28° 2	n.a.	M29
T 30	21 53 4	26°13'48	13♌47	8°16	18°52	4°15	19°18	4°24	24° 5	24°18	13° 9	15°R10	14°26	28° 9	n.a.	T 30
W31	21 57 0	27♌13'12	28♌11	9♌17	20♋ 3	4♎57	19♊27	4♈21	24♏ 6	24♋20	13♊10	15♌10	14♌23	28♐16	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	decl	decl	lat
M 1	20n56	20n 3	2s12	11n37	3s42	21n14	1s45	6n38	0n19	22n50	0s 4	0s21	2s43	19s 3	0n 2	22n16	0n30	23n18	0n37	16n33	16n18	19s43					n.a.
T 2	20 44	18 21	0 54	11 30	3 49	21 25	1 42	6 21	0 18	22 51	0 4	0 21	2 43	19 3	0 2	22 15	0 30	23 18	0 37	16 33	16 19	19 44					n.a.
W 3	20 32	15 28	0n27	11 26	3 55	21 36	1 38	6 4	0 17	22 52	0 4	0 22	2 44	19 2	0 2	22 15	0 30	23 18	0 38	16 33	16 20	19 44					n.a.
T 4	20 19	11 42	1 44	11 25	4 1	21 46	1 34	5 48	0 16	22 54	0 4	0 22	2 44	19 2	0 2	22 15	0 30	23 18	0 38	16 33	16 21	19 45					n.a.
F 5	20 6	7 23	2 53	11 27	4 5	21 55	1 30	5 31	0 16	22 55	0 4	0 23	2 44	19 2	0 2	22 14	0 30	23 19	0 38	16 33	16 22	19 46					n.a.
S 6	19 52	2 51	3 50	11 32	4 8	22 4	1 26	5 14	0 15	22 56	0 4	0 23	2 44	19 2	0 2	22 14	0 30	23 19	0 38	16 32	16 23	19 47					n.a.
S 7	19 39	1s40	4 33	11 41	4 9	22 12	1 23	4 57	0 14	22 58	0 3	0 24	2 45	19 2	0 2	22 14	0 30	23 19	0 38	16 32	16 24	19 48					n.a.
M 8	19 25	5 59	5 2	11 53	4 9	22 20	1 19	4 40	0 13	22 59	0 3	0 25	2 45	19 2	0 2	22 13	0 30	23 19	0 38	16 32	16 25	19 48					n.a.
T 9	19 10	9 57	5 16	12 9	4 8	22 27	1 15	4 23	0 12	23 0	0 3	0 25	2 45	19 2	0 2	22 13	0 30	23 20	0 38	16 32	16 26	19 49					n.a.
W10	18 55	13 25	5 15	12 27	4 4	22 33	1 11	4 6	0 12	23 2	0 3	0 26	2 45	19 2	0 2	22 12	0 30	23 20	0 38	16 32	16 27	19 50					n.a.
T 11	18 40	16 18	5 1	12 49	3 58	22 39	1 7	3 49	0 11	23 3	0 3	0 27	2 46	19 2	0 2	22 12	0 30	23 20	0 38	16 32	16 28	19 51					n.a.
F 12	18 25	18 29	4 34	13 14	3 51	22 45	1 3	3 31	0 10	23 4	0 3	0 28	2 46	19 2	0 2	22 12	0 30	23 20	0 38	16 32	16 29	19 52					n.a.
S 13	18 9	19 53	3 55	13 41	3 41	22 49	0 59	3 14	0 9	23 5	0 3	0 29	2 46	19 2	0 2	22 11	0 30	23 20	0 38	16 33	16 29	19 52					n.a.
S 14	17 53	20 23	3 6	14 10	3 30	22 53	0 56	2 57	0 8	23 6	0 3	0 30	2 46	19 2	0 2	22 11	0 30	23 21	0 38	16 33	16 30	19 53					n.a.
M15	17 37	19 59	2 9	14 41	3 16	22 57	0 52	2 39	0 8	23 7	0 3	0 31	2 47	19 2	0 2	22 11	0 30	23 21	0 38	16 33	16 31	19 54					n.a.
T 16	17 20	18 40	1 5	15 12	3 1	23 0	0 48	2 22	0 7	23 9	0 2	0 32	2 47	19 2	0 2	22 10	0 30	23 21	0 39	16 33	16 32	19 55					n.a.
W17	17 3	16 27	0s 3	15 44	2 44	23 2	0 44	2 4	0 6	23 10	0 2	0 33	2 47	19 2	0 2	22 10	0 30	23 21	0 39	16 33	16 33	19 55					n.a.
T 18	16 46	13 27	1 11	16 15	2 26	23 4	0 40	1 47	0 5	23 11	0 2	0 34	2 47	19 2	0 2	22 10	0 30	23 21	0 39	16 33	16 34	19 56					n.a.
F 19	16 29	9 48	2 17	16 46	2 8	23 5	0 36	1 29	0 4	23 12	0 2	0 35	2 48	19 2	0 2	22 9	0 30	23 22	0 39	16 33	16 35	19 57					n.a.
S 20	16 11	5 38	3 17	17 15	1 48	23 5	0 33	1 12	0 4	23 13	0 2	0 36	2 48	19 2	0 2	22 9	0 30	23 22	0 39	16 33	16 36	19 58					n.a.
S 21	15 53	1 9	4 8	17 42	1 29	23 5	0 29	0 54	0 3	23 14	0 2	0 37	2 48	19 2	0 2	22 9	0 30	23 22	0 39	16 33	16 37	19 58					n.a.
M22	15 34	3n27	4 47	18 7	1 9	23 4	0 25	0 36	0 2	23 15	0 2	0 38	2 48	19 2	0 2	22 8	0 30	23 22	0 39	16 33	16 38	19 59					n.a.
T 23	15 16	7 59	5 11	18 29	0 50	23 2	0 22	0 18	0 1	23 16	0 2	0 40	2 49	19 3	0 2	22 8	0 30	23 22	0 39	16 33	16 39	20 0					n.a.
W24	14 57	12 10	5 17	18 47	0 31	23 0	0 18	0 1	0 1	23 17	0 2	0 41	2 49	19 3	0 2	22 7	0 30	23 22	0 39	16 33	16 40	20 1					n.a.
T 25	14 38	15 46	5 5	19 3	0 13	22 57	0 14	0s17	0s 0	23 18	0 1	0 42	2 49	19 3	0 2	22 7	0 30	23 23	0 39	16 33	16 41	20 1					n.a.
F 26	14 18	18 29	4 34	19 15	0n 4	22 53	0 11	0 35	0 1	23 18	0 1	0 44	2 49	19 3	0 2	22 7	0 30	23 23	0 39	16 33	16 42	20 2					n.a.
S 27	13 59	20 4	3 45	19 24	0 20	22 49	0 7	0 53	0 2	23 19	0 1	0 45	2 50	19 3	0 2	22 6	0 30	23 23	0 39	16 33	16 43	20 3					n.a.
S 28	13 39	20 20	2 42	19 28	0 35	22 44	0 3	1 11	0 2	23 20	0 1	0 46	2 50	19 3	0 2	22 6	0 30	23 23	0 39	16 33	16 44	20 3					n.a.
M29	13 19	19 13	1 27	19 30	0 48	22 38	0n 0	1 28	0 3	23 21	0 1	0 48	2 50	19 4	0 2	22 6	0 30	23 23	0 40	16 33	16 45	20 4					n.a.
T 30	12 58	16 50	0 8	19 27	1 0	22 32	0 4	1 46	0 4	23 22	0 1	0 49	2 50	19 4	0 2	22 5	0 30	23 23	0 40	16 33	16 46	20 5					n.a.
W31	12n38	13n25	1n12	19n21	1n11	22n24	0n 7	2s 4	0s 5	23n23	0s 1	0s51	2s50	19s 4	0n 2	22n 5	0n30	23n24	0n40	16n33	16n46	20s 6					n.a.

Julian Day Number = 1343236.5, Delta T = 07h13m52s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'10, Lahiri = -18°15'10 Julian Calendar 1 Aug. 1036 BCE == Greg. Calendar 22 July 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

SEPTEMBER 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 0 57	28♌12'38	12♍19	10♌26	21♋15	5♎40	19♊35	4°R17	24♏ 6	24♋22	13♊10	15°R 9	14♌20	28♐23	n.a.	T 1
F 2	22 4 53	29°12'06	26° 8	11°40	22°27	6°23	19°44	4♈14	24° 7	24°24	13°11	15♌ 7	14°17	28°29	n.a.	F 2
S 3	22 8 50	0♍11'36	9♎35	12°59	23°39	7° 6	19°52	4°10	24° 8	24°26	13°11	15° 5	14°13	28°36	n.a.	S 3
S 4	22 12 46	1°11'08	22°39	14°23	24°51	7°49	20° 0	4° 6	24°10	24°28	13°12	15° 3	14°10	28°43	n.a.	S 4
M 5	22 16 43	2°10'42	5♏21	15°51	26° 3	8°32	20° 7	4° 3	24°11	24°30	13°12	15° 1	14° 7	28°49	n.a.	M 5
T 6	22 20 39	3°10'18	17°45	17°22	27°15	9°15	20°15	3°59	24°12	24°32	13°13	14°59	14° 4	28°56	n.a.	T 6
W 7	22 24 36	4° 9'56	29°53	18°56	28°27	9°59	20°23	3°55	24°13	24°33	13°13	14°D58	14° 1	29° 3	n.a.	W 7
T 8	22 28 32	5° 9'36	11♐51	20°32	29°39	10°42	20°30	3°51	24°14	24°35	13°14	14°58	13°57	29° 9	n.a.	T 8
F 9	22 32 29	6° 9'17	23°42	22°10	0♌52	11°25	20°37	3°47	24°16	24°37	13°14	14°59	13°54	29°16	n.a.	F 9
S 10	22 36 26	7° 9'01	5♑33	23°49	2° 4	12° 9	20°44	3°43	24°17	24°39	13°14	15° 1	13°51	29°23	n.a.	S 10
S 11	22 40 22	8° 8'46	17°27	25°29	3°17	12°52	20°51	3°39	24°18	24°41	13°15	15° 3	13°48	29°29	n.a.	S 11
M12	22 44 19	9° 8'33	29°29	27°10	4°30	13°36	20°58	3°35	24°20	24°42	13°15	15° 4	13°45	29°36	n.a.	M12
T 13	22 48 15	10° 8'23	11♒42	28°52	5°42	14°19	21° 5	3°30	24°21	24°44	13°15	15°R 5	13°42	29°43	n.a.	T 13
W14	22 52 12	11° 8'14	24° 9	0♍34	6°55	15° 3	21°11	3°26	24°23	24°46	13°16	15° 5	13°38	29°49	n.a.	W14
T 15	22 56 8	12° 8'07	6♓52	2°16	8° 8	15°47	21°18	3°22	24°25	24°47	13°16	15° 3	13°35	29°56	n.a.	T 15
F 16	23 0 5	13° 8'02	19°50	3°59	9°21	16°31	21°24	3°17	24°26	24°49	13°16	15° 0	13°32	0♑ 3	n.a.	F 16
S 17	23 4 1	14° 7'59	3♈ 5	5°41	10°34	17°15	21°30	3°13	24°28	24°50	13°16	14°56	13°29	0° 9	n.a.	S 17
S 18	23 7 58	15° 7'59	16°33	7°23	11°48	17°59	21°36	3° 8	24°30	24°52	13°16	14°51	13°26	0°16	n.a.	S 18
M19	23 11 54	16° 8'00	0♉14	9° 5	13° 1	18°43	21°42	3° 4	24°32	24°54	13°16	14°46	13°22	0°23	n.a.	M19
T 20	23 15 51	17° 8'04	14° 5	10°47	14°14	19°27	21°47	2°59	24°33	24°55	13°17	14°42	13°19	0°30	n.a.	T 20
W21	23 19 48	18° 8'10	28° 4	12°28	15°28	20°11	21°53	2°54	24°35	24°57	13°17	14°39	13°16	0°36	n.a.	W21
T 22	23 23 44	19° 8'19	12♊ 9	14° 9	16°41	20°55	21°58	2°50	24°37	24°58	13°17	14°37	13°13	0°43	n.a.	T 22
F 23	23 27 41	20° 8'29	26°17	15°49	17°55	21°39	22° 3	2°45	24°39	25° 0	13°17	14°D37	13°10	0°50	n.a.	F 23
S 24	23 31 37	21° 8'42	10♋28	17°29	19° 8	22°24	22° 8	2°40	24°41	25° 1	13°R17	14°38	13° 7	0°56	n.a.	S 24
S 25	23 35 34	22° 8'58	24°39	19° 9	20°22	23° 8	22°13	2°35	24°43	25° 2	13°17	14°40	13° 3	1° 3	n.a.	S 25
M26	23 39 30	23° 9'15	8♌49	20°48	21°36	23°53	22°18	2°31	24°45	25° 4	13°17	14°R41	13° 0	1°10	n.a.	M26
T 27	23 43 27	24° 9'35	22°54	22°27	22°50	24°37	22°22	2°26	24°48	25° 5	13°17	14°41	12°57	1°16	n.a.	T 27
W28	23 47 23	25° 9'56	6♍53	24° 5	24° 4	25°22	22°26	2°21	24°50	25° 6	13°17	14°39	12°54	1°23	n.a.	W28
T 29	23 51 20	26°10'20	20°41	25°43	25°18	26° 7	22°30	2°16	24°52	25° 8	13°16	14°35	12°51	1°30	n.a.	T 29
F 30	23 55 17	27♍10'45	4♎15	27♍20	26♌32	26♎51	22♊34	2♈11	24♏54	25♋ 9	13♊16	14♌29	12♌48	1♑36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n17	9n16	2n25	19n12	1n21	22n17	0n10	2s22	0s 5	23n23	0s 1	0s52	2s51	19s 4	0n 2	22n 5	0n30	23n24	0n40	16n33	16n47	20s 6		n.a.
F 2	11 56	4 44	3 28	18 59	1 29	22 8	0 14	2 40	0 6	23 24	0 1	0 54	2 51	19 5	0 1	22 4	0 30	23 24	0 40	16 33	16 48	20 7		n.a.
S 3	11 35	0 5	4 18	18 43	1 37	21 59	0 17	2 58	0 7	23 25	0 0	0 56	2 51	19 5	0 1	22 4	0 30	23 24	0 40	16 34	16 49	20 8		n.a.
S 4	11 13	4s26	4 52	18 24	1 43	21 50	0 20	3 16	0 8	23 26	0 0	0 57	2 51	19 5	0 1	22 4	0 30	23 24	0 40	16 35	16 50	20 8		n.a.
M 5	10 52	8 37	5 11	18 3	1 47	21 40	0 24	3 34	0 8	23 26	0 0	0 59	2 51	19 5	0 1	22 4	0 30	23 24	0 40	16 35	16 51	20 9		n.a.
T 6	10 30	12 21	5 15	17 38	1 51	21 29	0 27	3 52	0 9	23 27	0 0	1 1	2 51	19 6	0 1	22 3	0 30	23 24	0 40	16 36	16 52	20 10		n.a.
W 7	10 8	15 28	5 5	17 11	1 54	21 17	0 30	4 10	0 10	23 28	0n 0	1 2	2 52	19 6	0 1	22 3	0 31	23 25	0 40	16 36	16 53	20 10		n.a.
T 8	9 46	17 54	4 42	16 42	1 56	21 5	0 33	4 28	0 11	23 28	0 0	1 4	2 52	19 6	0 1	22 3	0 31	23 25	0 40	16 36	16 54	20 11		n.a.
F 9	9 24	19 33	4 7	16 11	1 57	20 52	0 36	4 46	0 11	23 29	0 0	1 6	2 52	19 7	0 1	22 2	0 31	23 25	0 40	16 36	16 55	20 12		n.a.
S 10	9 1	20 21	3 21	15 38	1 58	20 38	0 39	5 4	0 12	23 30	0 0	1 8	2 52	19 7	0 1	22 2	0 31	23 25	0 41	16 35	16 56	20 12		n.a.
S 11	8 39	20 14	2 26	15 4	1 57	20 24	0 42	5 21	0 13	23 30	0 1	1 9	2 52	19 7	0 1	22 2	0 31	23 25	0 41	16 35	16 57	20 13		n.a.
M12	8 16	19 12	1 25	14 28	1 56	20 10	0 45	5 39	0 14	23 31	0 1	1 11	2 52	19 8	0 1	22 1	0 31	23 25	0 41	16 34	16 58	20 14		n.a.
T 13	7 53	17 15	0 19	13 50	1 55	19 54	0 47	5 57	0 14	23 32	0 1	1 13	2 53	19 8	0 1	22 1	0 31	23 25	0 41	16 34	16 59	20 14		n.a.
W14	7 30	14 27	0s50	13 12	1 53	19 38	0 50	6 15	0 15	23 32	0 1	1 15	2 53	19 9	0 1	22 1	0 31	23 26	0 41	16 34	17 0	20 15		n.a.
T 15	7 7	10 56	1 57	12 32	1 50	19 22	0 53	6 33	0 16	23 33	0 1	1 17	2 53	19 9	0 1	22 1	0 31	23 26	0 41	16 35	17 0	20 16		n.a.
F 16	6 44	6 49	2 59	11 51	1 47	19 5	0 55	6 51	0 16	23 33	0 1	1 19	2 53	19 9	0 1	22 0	0 31	23 26	0 41	16 35	17 1	20 16		n.a.
S 17	6 20	2 19	3 53	11 10	1 43	18 47	0 58	7 8	0 17	23 34	0 1	1 20	2 53	19 10	0 1	22 0	0 31	23 26	0 41	16 37	17 2	20 17		n.a.
S 18	5 57	2n23	4 35	10 28	1 39	18 29	1 0	7 26	0 18	23 34	0 1	1 22	2 53	19 10	0 1	22 0	0 31	23 26	0 41	16 38	17 3	20 18		n.a.
M19	5 33	7 1	5 2	9 45	1 35	18 10	1 3	7 44	0 19	23 35	0 2	1 24	2 53	19 11	0 1	22 0	0 31	23 26	0 41	16 40	17 4	20 18		n.a.
T 20	5 10	11 21	5 12	9 2	1 30	17 51	1 5	8 1	0 19	23 35	0 2	1 26	2 53	19 11	0 1	21 59	0 31	23 26	0 41	16 41	17 5	20 19		n.a.
W21	4 46	15 7	5 4	8 18	1 26	17 31	1 7	8 19	0 20	23 36	0 2	1 28	2 53	19 12	0 1	21 59	0 31	23 26	0 41	16 42	17 6	20 19		n.a.
T 22	4 22	18 2	4 37	7 34	1 20	17 11	1 9	8 36	0 21	23 36	0 2	1 30	2 53	19 12	0 1	21 59	0 31	23 26	0 42	16 42	17 7	20 20		n.a.
F 23	3 58	19 52	3 53	6 50	1 15	16 50	1 11	8 54	0 21	23 37	0 2	1 32	2 53	19 13	0 1	21 59	0 31	23 26	0 42	16 42	17 8	20 21		n.a.
S 24	3 34	20 29	2 56	6 5	1 10	16 29	1 13	9 11	0 22	23 37	0 2	1 34	2 54	19 13	0 1	21 58	0 31	23 26	0 42	16 42	17 9	20 21		n.a.
S 25	3 10	19 47	1 47	5 20	1 4	16 7	1 15	9 29	0 23	23 37	0 2	1 36	2 54	19 14	0 1	21 58	0 31	23 27	0 42	16 41	17 10	20 22		n.a.
M26	2 46	17 50	0 32	4 35	0 58	15 45	1 17	9 46	0 23	23 38	0 3	1 38	2 54	19 14	0 1	21 58	0 31	23 27	0 42	16 41	17 11	20 22		n.a.
T 27	2 21	14 48	0n45	3 50	0 52	15 22	1 19	10 3	0 24	23 38	0 3	1 40	2 54	19 15	0 1	21 58	0 31	23 27	0 42	16 41	17 11	20 23		n.a.
W28	1 57	10 56	1 58	3 5	0 46	14 59	1 21	10 21	0 25	23 39	0 3	1 42	2 54	19 15	0 1	21 57	0 31	23 27	0 42	16 42	17 12	20 24		n.a.
T 29	1 33	6 32	3 3	2 20	0 40	14 35	1 22	10 38	0 25	23 39	0 3	1 44	2 54	19 16	0 1	21 57	0 31	23 27	0 42	16 43	17 13	20 24		n.a.
F 30	1n 8	1n53	3n56	1n35	0n33	14n11	1n24	10s55	0s26	23n39	0n 3	1s46	2s54	19s16	0n 1	21n57	0n31	23n27	0n42	16n45	17n14	20s25		n.a.

Julian Day Number = 1343267.5, Delta T = 07h13m51s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'06, Lahiri = -18°15'06 Julian Calendar 1 Sept. 1036 BCE == Greg. Calendar 22 Aug. 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

OCTOBER 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 13	28♍11'12	17♎32	28♍57	27♌46	27♎36	22♊38	2°R 6	24♏57	25♋10	13°R16	14°R21	12♌44	1♉43	n.a.	S 1
S 2	0 3 10	29°11'41	0♏31	0♎34	29° 0	28°21	22°42	2♈ 1	24°59	25°11	13♊16	14♌13	12°41	1°50	n.a.	S 2
M 3	0 7 6	0♎12'11	13°12	2°10	0♍14	29° 6	22°45	1°56	25° 1	25°13	13°16	14° 5	12°38	1°56	n.a.	M 3
T 4	0 11 3	1°12'43	25°35	3°46	1°28	29°51	22°48	1°51	25° 4	25°14	13°15	13°58	12°35	2° 3	n.a.	T 4
W 5	0 14 59	2°13'17	7♐43	5°21	2°43	0♏36	22°51	1°47	25° 6	25°15	13°15	13°52	12°32	2°10	n.a.	W 5
T 6	0 18 56	3°13'52	19°41	6°56	3°57	1°21	22°54	1°42	25° 9	25°16	13°15	13°49	12°28	2°16	n.a.	T 6
F 7	0 22 52	4°14'29	1♑32	8°31	5°11	2° 6	22°56	1°37	25°11	25°17	13°15	13°D48	12°25	2°23	n.a.	F 7
S 8	0 26 49	5°15'07	13°22	10° 6	6°26	2°51	22°59	1°32	25°14	25°18	13°14	13°48	12°22	2°30	n.a.	S 8
S 9	0 30 45	6°15'46	25°15	11°40	7°40	3°37	23° 1	1°27	25°17	25°19	13°14	13°49	12°19	2°36	n.a.	S 9
M10	0 34 42	7°16'26	7♒18	13°14	8°55	4°22	23° 3	1°22	25°19	25°20	13°13	13°50	12°16	2°43	n.a.	M10
T 11	0 38 39	8°17'08	19°34	14°48	10° 9	5° 7	23° 5	1°17	25°22	25°21	13°13	13°R50	12°13	2°50	n.a.	T 11
W12	0 42 35	9°17'51	2♓ 9	16°21	11°24	5°53	23° 7	1°12	25°25	25°22	13°13	13°49	12° 9	2°56	n.a.	W12
T 13	0 46 32	10°18'36	15° 4	17°55	12°39	6°38	23° 8	1° 7	25°28	25°23	13°12	13°44	12° 6	3° 3	n.a.	T 13
F 14	0 50 28	11°19'22	28°22	19°28	13°53	7°24	23° 9	1° 3	25°30	25°24	13°12	13°38	12° 3	3°10	n.a.	F 14
S 15	0 54 25	12°20'09	12♈ 0	21° 0	15° 8	8° 9	23°10	0°58	25°33	25°24	13°11	13°29	12° 0	3°16	n.a.	S 15
S 16	0 58 21	13°20'58	25°56	22°33	16°23	8°55	23°11	0°53	25°36	25°25	13°11	13°19	11°57	3°23	n.a.	S 16
M17	1 2 18	14°21'48	10♉ 6	24° 6	17°38	9°40	23°12	0°48	25°39	25°26	13°10	13° 9	11°53	3°30	n.a.	M17
T 18	1 6 14	15°22'39	24°25	25°38	18°53	10°26	23°13	0°44	25°42	25°27	13° 9	12°59	11°50	3°37	n.a.	T 18
W19	1 10 11	16°23'33	8♊46	27°10	20° 7	11°12	23°13	0°39	25°45	25°27	13° 9	12°52	11°47	3°43	n.a.	W19
T 20	1 14 8	17°24'27	23° 5	28°42	21°22	11°58	23°R13	0°34	25°48	25°28	13° 8	12°47	11°44	3°50	n.a.	T 20
F 21	1 18 4	18°25'24	7♋19	0♏13	22°37	12°44	23°13	0°30	25°51	25°28	13° 8	12°44	11°41	3°57	n.a.	F 21
S 22	1 22 1	19°26'22	21°25	1°45	23°52	13°29	23°13	0°25	25°54	25°29	13° 7	12°D44	11°38	4° 3	n.a.	S 22
S 23	1 25 57	20°27'21	5♌23	3°16	25° 7	14°15	23°12	0°21	25°57	25°30	13° 6	12°R44	11°34	4°10	n.a.	S 23
M24	1 29 54	21°28'22	19°12	4°47	26°22	15° 1	23°11	0°16	26° 0	25°30	13° 5	12°44	11°31	4°17	n.a.	M24
T 25	1 33 50	22°29'24	2♍52	6°18	27°37	15°48	23°10	0°12	26° 3	25°31	13° 5	12°43	11°28	4°23	n.a.	T 25
W26	1 37 47	23°30'28	16°24	7°49	28°53	16°34	23° 9	0° 8	26° 6	25°31	13° 4	12°38	11°25	4°30	n.a.	W26
T 27	1 41 43	24°31'33	29°47	9°19	0♎ 8	17°20	23° 8	0° 3	26°10	25°31	13° 3	12°31	11°22	4°37	n.a.	T 27
F 28	1 45 40	25°32'39	12♎58	10°48	1°23	18° 6	23° 7	29♓59	26°13	25°32	13° 2	12°21	11°19	4°43	n.a.	F 28
S 29	1 49 37	26°33'46	25°57	12°18	2°38	18°52	23° 5	29°55	26°16	25°32	13° 2	12° 8	11°15	4°50	n.a.	S 29
S 30	1 53 33	27°34'54	8♏43	13°47	3°53	19°38	23° 3	29°51	26°19	25°32	13° 1	11°55	11°12	4°57	n.a.	S 30
M31	1 57 30	28♎36'02	21♏15	15♏15	5♎ 8	20♏25	23♊ 1	29♓47	26♏23	25♋33	13♊ 0	11♌41	11♌ 9	5♉ 3	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n44	2s45	4n35	0n50	0n27	13n46	1n25	11s12	0s27	23n40	0n 3	1s48	2s54	19s17	0n 1	21n57	0n31	23n27	0n42	16n47	17n15	20s25		n.a.
S 2	0 20	7 10	4 59	0 5	0 20	13 22	1 27	11 29	0 27	23 40	0 3	1 50	2 54	19 18	0 1	21 57	0 31	23 27	0 42	16 49	17 16	20 26		n.a.
M 3	0s 5	11 9	5 8	0s40	0 14	12 56	1 28	11 46	0 28	23 40	0 4	1 52	2 54	19 18	0 1	21 56	0 31	23 27	0 42	16 52	17 17	20 27		n.a.
T 4	0 29	14 34	5 2	1 24	0 7	12 31	1 29	12 2	0 29	23 41	0 4	1 54	2 54	19 19	0 1	21 56	0 31	23 27	0 43	16 54	17 18	20 27		n.a.
W 5	0 54	17 18	4 42	2 9	0 1	12 5	1 31	12 19	0 29	23 41	0 4	1 56	2 54	19 19	0 1	21 56	0 31	23 27	0 43	16 55	17 19	20 28		n.a.
T 6	1 18	19 15	4 10	2 53	0s 6	11 38	1 32	12 36	0 30	23 41	0 4	1 58	2 54	19 20	0 1	21 56	0 31	23 27	0 43	16 56	17 20	20 28		n.a.
F 7	1 43	20 21	3 28	3 37	0 12	11 11	1 33	12 52	0 30	23 42	0 4	2 0	2 54	19 21	0 1	21 56	0 31	23 27	0 43	16 57	17 21	20 29		n.a.
S 8	2 7	20 32	2 37	4 21	0 19	10 44	1 34	13 8	0 31	23 42	0 4	2 2	2 54	19 21	0 1	21 56	0 31	23 27	0 43	16 57	17 22	20 29		n.a.
S 9	2 31	19 49	1 38	5 4	0 25	10 17	1 35	13 25	0 32	23 42	0 4	2 4	2 54	19 22	0 1	21 55	0 31	23 27	0 43	16 56	17 22	20 30		n.a.
M10	2 56	18 10	0 35	5 47	0 32	9 49	1 35	13 41	0 32	23 42	0 5	2 6	2 54	19 23	0 1	21 55	0 31	23 27	0 43	16 56	17 23	20 30		n.a.
T 11	3 20	15 40	0s31	6 30	0 38	9 21	1 36	13 57	0 33	23 43	0 5	2 8	2 54	19 23	0 1	21 55	0 31	23 27	0 43	16 56	17 24	20 31		n.a.
W12	3 44	12 22	1 37	7 13	0 44	8 53	1 37	14 13	0 34	23 43	0 5	2 10	2 53	19 24	0 1	21 55	0 31	23 27	0 43	16 57	17 25	20 32		n.a.
T 13	4 9	8 25	2 39	7 55	0 50	8 25	1 37	14 29	0 34	23 43	0 5	2 11	2 53	19 25	0 1	21 55	0 31	23 27	0 43	16 58	17 26	20 32		n.a.
F 14	4 33	3 56	3 35	8 36	0 57	7 56	1 38	14 45	0 35	23 43	0 5	2 13	2 53	19 25	0 1	21 55	0 32	23 27	0 43	17 0	17 27	20 33		n.a.
S 15	4 57	0n50	4 20	9 17	1 3	7 27	1 38	15 0	0 35	23 44	0 5	2 15	2 53	19 26	0 1	21 55	0 32	23 28	0 43	17 2	17 28	20 33		n.a.
S 16	5 21	5 40	4 50	9 58	1 9	6 58	1 39	15 16	0 36	23 44	0 5	2 17	2 53	19 27	0 1	21 54	0 32	23 28	0 44	17 5	17 29	20 34		n.a.
M17	5 45	10 17	5 3	10 38	1 14	6 28	1 39	15 31	0 37	23 44	0 6	2 19	2 53	19 27	0 1	21 54	0 32	23 28	0 44	17 8	17 30	20 34		n.a.
T 18	6 9	14 22	4 58	11 18	1 20	5 59	1 39	15 46	0 37	23 44	0 6	2 21	2 53	19 28	0 1	21 54	0 32	23 28	0 44	17 11	17 31	20 35		n.a.
W19	6 33	17 36	4 34	11 57	1 26	5 29	1 39	16 1	0 38	23 44	0 6	2 22	2 53	19 29	0 1	21 54	0 32	23 28	0 44	17 13	17 31	20 35		n.a.
T 20	6 56	19 46	3 52	12 36	1 31	4 59	1 39	16 16	0 38	23 44	0 6	2 24	2 53	19 30	0 1	21 54	0 32	23 28	0 44	17 14	17 32	20 36		n.a.
F 21	7 20	20 40	2 57	13 14	1 36	4 29	1 39	16 31	0 39	23 45	0 6	2 26	2 53	19 30	0 1	21 54	0 32	23 28	0 44	17 15	17 33	20 36		n.a.
S 22	7 43	20 15	1 51	13 51	1 41	3 59	1 39	16 46	0 39	23 45	0 6	2 28	2 53	19 31	0 1	21 54	0 32	23 28	0 44	17 15	17 34	20 37		n.a.
S 23	8 7	18 36	0 39	14 27	1 46	3 28	1 39	17 0	0 40	23 45	0 7	2 29	2 52	19 32	0 1	21 54	0 32	23 28	0 44	17 15	17 35	20 37		n.a.
M24	8 30	15 51	0n34	15 3	1 51	2 58	1 38	17 15	0 41	23 45	0 7	2 31	2 52	19 33	0 1	21 54	0 32	23 28	0 44	17 15	17 36	20 38		n.a.
T 25	8 53	12 14	1 45	15 38	1 55	2 27	1 38	17 29	0 41	23 45	0 7	2 33	2 52	19 33	0 1	21 54	0 32	23 28	0 44	17 16	17 37	20 38		n.a.
W26	9 16	8 2	2 49	16 12	1 59	1 56	1 37	17 43	0 42	23 45	0 7	2 34	2 52	19 34	0 1	21 54	0 32	23 27	0 44	17 17	17 38	20 39		n.a.
T 27	9 39	3 29	3 42	16 45	2 3	1 26	1 37	17 57	0 42	23 45	0 7	2 36	2 52	19 35	0 1	21 54	0 32	23 27	0 44	17 19	17 39	20 39		n.a.
F 28	10 2	1s10	4 23	17 18	2 6	0 55	1 36	18 10	0 43	23 45	0 7	2 37	2 52	19 36	0 1	21 54	0 32	23 27	0 45	17 22	17 39	20 40		n.a.
S 29	10 24	5 42	4 49	17 49	2 9	0 24	1 36	18 24	0 43	23 45	0 7	2 39	2 51	19 36	0 1	21 54	0 32	23 27	0 45	17 25	17 40	20 40		n.a.
S 30	10 47	9 54	5 0	18 19	2 12	0s 7	1 35	18 37	0 44	23 45	0 8	2 40	2 51	19 37	0 1	21 54	0 32	23 27	0 45	17 29	17 41	20 41		n.a.
M31	11s 9	13s35	4n57	18s48	2s14	0s38	1n34	18s51	0s44	23n46	0n 8	2s42	2s51	19s38	0n 1	21n53	0n32	23n27	0n45	17n33	17n42	20s41		n.a.

Julian Day Number = 1343297.5, Delta T = 07h13m49s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°22'02, Lahiri = -18°15'02 Julian Calendar 1 Oct. 1036 BCE == Greg. Calendar 21 Sept. 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

NOVEMBER 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 1 26	29♎37'12	3♐32	16♏42	6♎24	21♏11	22°R59	29°R43	26♏26	25♋33	12°R59	11°R29	11♌ 6	5♑10	n.a.	T 1
W 2	2 5 23	0♏38'22	15°38	18° 9	7°39	21°58	22♊56	29♓39	26°29	25°33	12♊58	11♌19	11° 3	5°17	n.a.	W 2
T 3	2 9 19	1°39'33	27°33	19°35	8°54	22°44	22°53	29°35	26°32	25°33	12°57	11°11	10°59	5°23	n.a.	T 3
F 4	2 13 16	2°40'45	9♑23	20°59	10° 9	23°30	22°50	29°32	26°36	25°33	12°56	11° 7	10°56	5°30	n.a.	F 4
S 5	2 17 12	3°41'57	21°10	22°23	11°25	24°17	22°47	29°28	26°39	25°33	12°55	11° 5	10°53	5°37	n.a.	S 5
S 6	2 21 9	4°43'09	3♒ 1	23°44	12°40	25° 4	22°44	29°24	26°43	25°34	12°54	11° 4	10°50	5°43	n.a.	S 6
M 7	2 25 6	5°44'22	15° 2	25° 4	13°55	25°50	22°41	29°21	26°46	25°R34	12°53	11° 4	10°47	5°50	n.a.	M 7
T 8	2 29 2	6°45'35	27°16	26°21	15°10	26°37	22°37	29°18	26°49	25°34	12°52	11° 3	10°44	5°57	n.a.	T 8
W 9	2 32 59	7°46'49	9♓51	27°36	16°26	27°23	22°33	29°14	26°53	25°33	12°51	11° 1	10°40	6° 3	n.a.	W 9
T 10	2 36 55	8°48'02	22°50	28°48	17°41	28°10	22°29	29°11	26°56	25°33	12°50	10°56	10°37	6°10	n.a.	T 10
F 11	2 40 52	9°49'16	6♈15	29°57	18°56	28°57	22°25	29° 8	27° 0	25°33	12°49	10°48	10°34	6°17	n.a.	F 11
S 12	2 44 48	10°50'30	20° 7	1♗ 1	20°12	29°44	22°21	29° 5	27° 3	25°33	12°48	10°38	10°31	6°23	n.a.	S 12
S 13	2 48 45	11°51'45	4♉24	2° 1	21°27	0♗30	22°16	29° 2	27° 7	25°33	12°47	10°25	10°28	6°30	n.a.	S 13
M14	2 52 41	12°53'00	18°59	2°55	22°42	1°17	22°12	28°59	27°10	25°33	12°46	10°13	10°24	6°37	n.a.	M14
T 15	2 56 38	13°54'15	3♊46	3°43	23°58	2° 4	22° 7	28°56	27°14	25°32	12°45	10° 1	10°21	6°43	n.a.	T 15
W16	3 0 35	14°55'31	18°35	4°24	25°13	2°51	22° 2	28°54	27°17	25°32	12°44	9°52	10°18	6°50	n.a.	W16
T 17	3 4 31	15°56'47	3♋18	4°58	26°28	3°38	21°56	28°51	27°21	25°32	12°43	9°45	10°15	6°57	n.a.	T 17
F 18	3 8 28	16°58'04	17°51	5°22	27°44	4°25	21°51	28°49	27°24	25°31	12°41	9°42	10°12	7° 3	n.a.	F 18
S 19	3 12 24	17°59'21	2♌ 7	5°37	28°59	5°12	21°46	28°46	27°28	25°31	12°40	9°41	10° 9	7°10	n.a.	S 19
S 20	3 16 21	19° 0'38	16° 7	5°R42	0♏14	5°59	21°40	28°44	27°32	25°31	12°39	9°41	10° 5	7°17	n.a.	S 20
M21	3 20 17	20° 1'56	29°50	5°35	1°30	6°46	21°34	28°42	27°35	25°30	12°38	9°40	10° 2	7°23	n.a.	M21
T 22	3 24 14	21° 3'14	13♍17	5°17	2°45	7°33	21°28	28°40	27°39	25°30	12°37	9°39	9°59	7°30	n.a.	T 22
W23	3 28 11	22° 4'33	26°31	4°46	4° 1	8°20	21°22	28°38	27°42	25°29	12°36	9°34	9°56	7°37	n.a.	W23
T 24	3 32 7	23° 5'51	9♎32	4° 5	5°16	9° 7	21°16	28°36	27°46	25°29	12°34	9°27	9°53	7°43	n.a.	T 24
F 25	3 36 4	24° 7'10	22°21	3°12	6°31	9°54	21° 9	28°34	27°50	25°28	12°33	9°17	9°50	7°50	n.a.	F 25
S 26	3 40 0	25° 8'29	5♏ 0	2° 9	7°47	10°41	21° 3	28°33	27°53	25°27	12°32	9° 5	9°46	7°57	n.a.	S 26
S 27	3 43 57	26° 9'48	17°29	0°59	9° 2	11°28	20°56	28°31	27°57	25°27	12°31	8°51	9°43	8° 3	n.a.	S 27
M28	3 47 53	27°11'06	29°47	29♏42	10°17	12°15	20°50	28°30	28° 0	25°26	12°29	8°37	9°40	8°10	n.a.	M28
T 29	3 51 50	28°12'25	11♐55	28°22	11°33	13° 3	20°43	28°29	28° 4	25°25	12°28	8°24	9°37	8°17	n.a.	T 29
W30	3 55 46	29♏13'43	23♐54	27♏ 2	12♏48	13♐50	20♊36	28♓27	28♏ 8	25♋25	12♊27	8♌14	9♌34	8♑23	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s31	16s38	4n39	19s16	2s16	1s 9	1n33	19s 4	0s45	23n46	0n 8	2s43	2s51	19s39	0n 1	21n53	0n32	23n27	0n45	17n37	17n43	20s42		n.a.
W 2	11 53	18 54	4 9	19 43	2 18	1 40	1 32	19 16	0 45	23 46	0 8	2 45	2 51	19 40	0 1	21 53	0 32	23 27	0 45	17 39	17 44	20 42		n.a.
T 3	12 14	20 19	3 29	20 8	2 19	2 11	1 31	19 29	0 46	23 46	0 8	2 46	2 51	19 40	0 1	21 53	0 32	23 27	0 45	17 42	17 45	20 42		n.a.
F 4	12 36	20 50	2 39	20 32	2 19	2 42	1 30	19 41	0 46	23 46	0 8	2 47	2 50	19 41	0 1	21 53	0 32	23 27	0 45	17 43	17 46	20 43		n.a.
S 5	12 57	20 25	1 43	20 54	2 19	3 13	1 29	19 54	0 47	23 46	0 9	2 49	2 50	19 42	0 1	21 53	0 32	23 27	0 45	17 43	17 47	20 43		n.a.
S 6	13 18	19 6	0 43	21 14	2 19	3 44	1 28	20 6	0 47	23 46	0 9	2 50	2 50	19 43	0 1	21 54	0 32	23 27	0 45	17 43	17 47	20 44		n.a.
M 7	13 39	16 55	0s21	21 33	2 17	4 15	1 27	20 18	0 48	23 46	0 9	2 51	2 50	19 44	0 1	21 54	0 32	23 27	0 45	17 43	17 48	20 44		n.a.
T 8	13 59	13 56	1 25	21 50	2 15	4 45	1 26	20 29	0 48	23 46	0 9	2 52	2 49	19 44	0 1	21 54	0 32	23 27	0 45	17 44	17 49	20 45		n.a.
W 9	14 19	10 15	2 26	22 5	2 12	5 16	1 24	20 41	0 49	23 46	0 9	2 53	2 49	19 45	0 1	21 54	0 32	23 27	0 45	17 44	17 50	20 45		n.a.
T 10	14 39	5 58	3 22	22 18	2 9	5 46	1 23	20 52	0 49	23 45	0 9	2 54	2 49	19 46	0 1	21 54	0 32	23 27	0 46	17 46	17 51	20 45		n.a.
F 11	14 59	1 16	4 8	22 29	2 4	6 17	1 21	21 3	0 50	23 45	0 10	2 55	2 49	19 47	0 1	21 54	0 32	23 27	0 46	17 48	17 52	20 46		n.a.
S 12	15 19	3n39	4 42	22 37	1 58	6 47	1 20	21 14	0 50	23 45	0 10	2 56	2 49	19 48	0 1	21 54	0 32	23 27	0 46	17 51	17 53	20 46		n.a.
S 13	15 38	8 30	4 59	22 43	1 52	7 17	1 18	21 24	0 51	23 45	0 10	2 57	2 48	19 49	0 1	21 54	0 32	23 27	0 46	17 54	17 54	20 47		n.a.
M14	15 57	12 59	4 57	22 46	1 44	7 47	1 17	21 34	0 51	23 45	0 10	2 58	2 48	19 49	0 1	21 54	0 32	23 27	0 46	17 58	17 54	20 47		n.a.
T 15	16 16	16 44	4 35	22 47	1 35	8 17	1 15	21 45	0 52	23 45	0 10	2 59	2 48	19 50	0 1	21 54	0 32	23 27	0 46	18 1	17 55	20 47		n.a.
W16	16 34	19 25	3 55	22 45	1 25	8 46	1 13	21 54	0 52	23 45	0 10	3 0	2 48	19 51	0 1	21 54	0 33	23 27	0 46	18 3	17 56	20 48		n.a.
T 17	16 52	20 47	3 0	22 39	1 13	9 16	1 11	22 4	0 52	23 45	0 11	3 1	2 47	19 52	0 1	21 54	0 33	23 26	0 46	18 5	17 57	20 48		n.a.
F 18	17 10	20 45	1 53	22 31	1 0	9 45	1 10	22 13	0 53	23 45	0 11	3 2	2 47	19 53	0 1	21 54	0 33	23 26	0 46	18 6	17 58	20 49		n.a.
S 19	17 28	19 21	0 40	22 20	0 46	10 14	1 8	22 22	0 53	23 44	0 11	3 2	2 47	19 54	0 1	21 54	0 33	23 26	0 46	18 6	17 59	20 49		n.a.
S 20	17 45	16 48	0n34	22 5	0 30	10 43	1 6	22 31	0 54	23 44	0 11	3 3	2 46	19 54	0 1	21 54	0 33	23 26	0 46	18 6	18 0	20 49		n.a.
M21	18 2	13 20	1 45	21 47	0 13	11 11	1 4	22 40	0 54	23 44	0 11	3 4	2 46	19 55	0 1	21 55	0 33	23 26	0 46	18 7	18 1	20 50		n.a.
T 22	18 18	9 15	2 48	21 26	0n 5	11 39	1 2	22 48	0 54	23 44	0 11	3 4	2 46	19 56	0 1	21 55	0 33	23 26	0 46	18 7	18 1	20 50		n.a.
W23	18 34	4 47	3 41	21 2	0 24	12 7	1 0	22 57	0 55	23 43	0 12	3 5	2 46	19 57	0 1	21 55	0 33	23 26	0 47	18 8	18 2	20 51		n.a.
T 24	18 50	0 10	4 22	20 35	0 44	12 35	0 58	23 4	0 55	23 43	0 12	3 5	2 45	19 58	0 1	21 55	0 33	23 26	0 47	18 10	18 3	20 51		n.a.
F 25	19 6	4s23	4 48	20 5	1 4	13 2	0 56	23 12	0 56	23 43	0 12	3 6	2 45	19 59	0 1	21 55	0 33	23 26	0 47	18 13	18 4	20 51		n.a.
S 26	19 21	8 41	5 0	19 33	1 24	13 29	0 54	23 19	0 56	23 43	0 12	3 6	2 45	19 59	0 1	21 55	0 33	23 26	0 47	18 16	18 5	20 52		n.a.
S 27	19 36	12 33	4 58	19 0	1 43	13 55	0 51	23 26	0 56	23 42	0 12	3 6	2 45	20 0	0 1	21 55	0 33	23 26	0 47	18 20	18 6	20 52		n.a.
M28	19 50	15 51	4 41	18 25	2 2	14 22	0 49	23 33	0 57	23 42	0 13	3 7	2 44	20 1	0 1	21 56	0 33	23 26	0 47	18 24	18 7	20 52		n.a.
T 29	20 4	18 25	4 12	17 51	2 19	14 48	0 47	23 40	0 57	23 42	0 13	3 7	2 44	20 2	0 1	21 56	0 33	23 25	0 47	18 27	18 7	20 53		n.a.
W30	20s18	20s 9	3n32	17s18	2n34	15s13	0n45	23s46	0s57	23n41	0n13	3s 7	2s44	20s 3	0n 1	21n56	0n33	23n25	0n47	18n30	18n 8	20s53		n.a.

Julian Day Number = 1343328.5, Delta T = 07h13m48s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'58, Lahiri = -18°14'57 Julian Calendar 1 Nov. 1036 BCE == Greg. Calendar 22 Oct. 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1036 BCE
geocentric

DECEMBER 1036 BCE (-1035) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 59 43	0♐15'00	5♑46	25°R43	14♏ 4	14♐37	20°R29	28°R26	28♏11	25°R24	12°R26	8°R 6	9♌30	8♑30	n.a.	T 1
F 2	4 3 40	1°16'18	17°33	24♏28	15°19	15°24	20♊21	28♓25	28°15	25♋23	12♊24	8♌ 1	9°27	8°37	n.a.	F 2
S 3	4 7 36	2°17'34	29°20	23°20	16°34	16°12	20°14	28°25	28°18	25°22	12°23	7°59	9°24	8°43	n.a.	S 3
S 4	4 11 33	3°18'50	11♒ 9	22°19	17°50	16°59	20° 7	28°24	28°22	25°21	12°22	7°D59	9°21	8°50	n.a.	S 4
M 5	4 15 29	4°20'05	23° 7	21°27	19° 5	17°46	19°59	28°23	28°26	25°21	12°20	7°59	9°18	8°57	n.a.	M 5
T 6	4 19 26	5°21'19	5♓18	20°45	20°20	18°33	19°52	28°23	28°29	25°20	12°19	8°R 0	9°15	9° 3	n.a.	T 6
W 7	4 23 22	6°22'33	17°48	20°12	21°36	19°21	19°44	28°22	28°33	25°19	12°18	7°59	9°11	9°10	n.a.	W 7
T 8	4 27 19	7°23'45	0♈42	19°50	22°51	20° 8	19°37	28°22	28°36	25°18	12°17	7°56	9° 8	9°17	n.a.	T 8
F 9	4 31 16	8°24'57	14° 4	19°36	24° 6	20°55	19°29	28°22	28°40	25°17	12°15	7°51	9° 5	9°23	n.a.	F 9
S 10	4 35 12	9°26'07	27°56	19°D32	25°21	21°43	19°21	28°D22	28°43	25°16	12°14	7°44	9° 2	9°30	n.a.	S 10
S 11	4 39 9	10°27'17	12♉16	19°36	26°37	22°30	19°13	28°22	28°47	25°15	12°13	7°35	8°59	9°37	n.a.	S 11
M12	4 43 5	11°28'26	27° 1	19°48	27°52	23°17	19° 5	28°22	28°50	25°14	12°11	7°26	8°56	9°43	n.a.	M12
T 13	4 47 2	12°29'34	12♊ 4	20° 7	29° 7	24° 5	18°57	28°23	28°54	25°12	12°10	7°17	8°52	9°50	n.a.	T 13
W14	4 50 58	13°30'41	27°14	20°32	0♐23	24°52	18°49	28°23	28°58	25°11	12° 9	7°10	8°49	9°57	n.a.	W14
T 15	4 54 55	14°31'48	12♋21	21° 4	1°38	25°40	18°41	28°24	29° 1	25°10	12° 7	7° 5	8°46	10° 3	n.a.	T 15
F 16	4 58 51	15°32'54	27°16	21°41	2°53	26°27	18°33	28°24	29° 5	25° 9	12° 6	7° 3	8°43	10°10	n.a.	F 16
S 17	5 2 48	16°33'59	11♌53	22°23	4° 8	27°14	18°25	28°25	29° 8	25° 8	12° 5	7°D 2	8°40	10°17	n.a.	S 17
S 18	5 6 45	17°35'03	26° 8	23° 9	5°23	28° 2	18°17	28°26	29°11	25° 7	12° 4	7° 3	8°36	10°23	n.a.	S 18
M19	5 10 41	18°36'06	9♍59	24° 0	6°39	28°49	18° 9	28°27	29°15	25° 5	12° 2	7° 4	8°33	10°30	n.a.	M19
T 20	5 14 38	19°37'09	23°27	24°54	7°54	29°37	18° 1	28°28	29°18	25° 4	12° 1	7°R 5	8°30	10°37	n.a.	T 20
W21	5 18 34	20°38'11	6♎35	25°51	9° 9	0♑24	17°53	28°29	29°22	25° 3	12° 0	7° 3	8°27	10°43	n.a.	W21
T 22	5 22 31	21°39'12	19°26	26°51	10°24	1°11	17°45	28°31	29°25	25° 1	11°58	7° 0	8°24	10°50	n.a.	T 22
F 23	5 26 27	22°40'12	2♏ 2	27°54	11°39	1°59	17°37	28°32	29°29	25° 0	11°57	6°54	8°21	10°57	n.a.	F 23
S 24	5 30 24	23°41'11	14°25	28°59	12°55	2°46	17°29	28°34	29°32	24°59	11°56	6°47	8°17	11° 3	n.a.	S 24
S 25	5 34 21	24°42'09	26°38	0♐ 7	14°10	3°34	17°21	28°35	29°35	24°57	11°55	6°39	8°14	11°10	n.a.	S 25
M26	5 38 17	25°43'06	8♐43	1°17	15°25	4°21	17°13	28°37	29°39	24°56	11°53	6°30	8°11	11°17	n.a.	M26
T 27	5 42 14	26°44'02	20°40	2°29	16°40	5° 8	17° 5	28°39	29°42	24°54	11°52	6°23	8° 8	11°23	n.a.	T 27
W28	5 46 10	27°44'56	2♑33	3°42	17°55	5°56	16°58	28°41	29°45	24°53	11°51	6°17	8° 5	11°30	n.a.	W28
T 29	5 50 7	28°45'49	14°22	4°57	19°10	6°43	16°50	28°43	29°49	24°52	11°50	6°12	8° 2	11°37	n.a.	T 29
F 30	5 54 3	29°46'41	26° 9	6°14	20°26	7°31	16°42	28°45	29°52	24°50	11°48	6°10	7°58	11°43	n.a.	F 30
S 31	5 58 0	0♑47'31	7♒57	7♐32	21♐41	8♑18	16♊35	28♓48	29♏55	24♋49	11♊47	6°D 9	7♌55	11♑50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s31	20s59	2n43	16s47	2n47	15s38	0n42	23s52	0s58	23n41	0n13	3s 7	2s43	20s 4	0n 1	21n56	0n33	23n25	0n47	18n32	18n 9	20s53			n.a.
F 2	20 44	20 53	1 47	16 19	2 58	16 3	0 40	23 58	0 58	23 41	0 13	3 7	2 43	20 4	0 1	21 56	0 33	23 25	0 47	18 33	18 10	20 54			n.a.
S 3	20 57	19 52	0 46	15 54	3 6	16 27	0 38	24 3	0 58	23 40	0 13	3 7	2 43	20 5	0 1	21 56	0 33	23 25	0 47	18 34	18 11	20 54			n.a.
S 4	21 9	17 58	0s17	15 33	3 12	16 51	0 35	24 8	0 59	23 40	0 14	3 7	2 42	20 6	0 1	21 57	0 33	23 25	0 47	18 34	18 12	20 54			n.a.
M 5	21 21	15 17	1 20	15 16	3 16	17 14	0 33	24 13	0 59	23 40	0 14	3 7	2 42	20 7	0 1	21 57	0 33	23 25	0 47	18 33	18 13	20 55			n.a.
T 6	21 32	11 53	2 21	15 3	3 18	17 37	0 31	24 18	0 59	23 39	0 14	3 7	2 42	20 8	0 1	21 57	0 33	23 25	0 47	18 33	18 13	20 55			n.a.
W 7	21 43	7 54	3 16	14 54	3 17	18 0	0 28	24 22	1 0	23 39	0 14	3 7	2 42	20 8	0 1	21 57	0 33	23 25	0 48	18 34	18 14	20 55			n.a.
T 8	21 53	3 26	4 4	14 50	3 16	18 22	0 26	24 26	1 0	23 38	0 14	3 7	2 41	20 9	0 1	21 57	0 33	23 25	0 48	18 34	18 15	20 56			n.a.
F 9	22 3	1n21	4 40	14 50	3 12	18 43	0 23	24 30	1 0	23 38	0 14	3 7	2 41	20 10	0 1	21 58	0 33	23 24	0 48	18 36	18 16	20 56			n.a.
S 10	22 13	6 14	5 1	14 53	3 8	19 4	0 21	24 34	1 0	23 37	0 14	3 6	2 41	20 11	0 1	21 58	0 33	23 24	0 48	18 37	18 17	20 56			n.a.
S 11	22 22	10 56	5 4	14 59	3 2	19 24	0 19	24 37	1 1	23 37	0 15	3 6	2 40	20 12	0 1	21 58	0 33	23 24	0 48	18 40	18 18	20 56			n.a.
M12	22 31	15 8	4 48	15 9	2 56	19 44	0 16	24 40	1 1	23 36	0 15	3 6	2 40	20 12	0 1	21 58	0 33	23 24	0 48	18 42	18 19	20 57			n.a.
T 13	22 39	18 26	4 12	15 21	2 49	20 3	0 14	24 42	1 1	23 36	0 15	3 5	2 40	20 13	0 1	21 58	0 33	23 24	0 48	18 44	18 19	20 57			n.a.
W14	22 47	20 30	3 17	15 35	2 41	20 22	0 11	24 44	1 1	23 35	0 15	3 5	2 39	20 14	0 1	21 59	0 33	23 24	0 48	18 46	18 20	20 57			n.a.
T 15	22 54	21 6	2 9	15 51	2 33	20 40	0 9	24 46	1 2	23 35	0 15	3 4	2 39	20 15	0 0	21 59	0 33	23 24	0 48	18 48	18 21	20 58			n.a.
F 16	23 1	20 11	0 52	16 9	2 24	20 58	0 6	24 48	1 2	23 34	0 15	3 4	2 39	20 16	0 0	21 59	0 33	23 24	0 48	18 48	18 22	20 58			n.a.
S 17	23 8	17 55	0n26	16 28	2 15	21 15	0 4	24 49	1 2	23 34	0 16	3 3	2 38	20 16	0 0	21 59	0 33	23 24	0 48	18 48	18 23	20 58			n.a.
S 18	23 14	14 35	1 41	16 49	2 6	21 31	0 1	24 51	1 2	23 33	0 16	3 3	2 38	20 17	0 0	22 0	0 33	23 23	0 48	18 48	18 24	20 58			n.a.
M19	23 19	10 32	2 48	17 10	1 57	21 47	0s 1	24 51	1 3	23 33	0 16	3 2	2 38	20 18	0 0	22 0	0 33	23 23	0 48	18 48	18 24	20 59			n.a.
T 20	23 24	6 3	3 44	17 33	1 48	22 2	0 3	24 52	1 3	23 32	0 16	3 1	2 37	20 19	0 0	22 0	0 33	23 23	0 48	18 48	18 25	20 59			n.a.
W21	23 29	1 25	4 27	17 56	1 39	22 16	0 6	24 52	1 3	23 31	0 16	3 0	2 37	20 19	0 0	22 0	0 33	23 23	0 49	18 48	18 26	20 59			n.a.
T 22	23 33	3s11	4 55	18 19	1 29	22 30	0 8	24 52	1 3	23 31	0 16	3 0	2 37	20 20	0 0	22 1	0 34	23 23	0 49	18 49	18 27	20 59			n.a.
F 23	23 37	7 33	5 8	18 42	1 20	22 43	0 11	24 52	1 3	23 30	0 16	2 59	2 37	20 21	0 0	22 1	0 34	23 23	0 49	18 50	18 28	21 0			n.a.
S 24	23 40	11 33	5 6	19 6	1 11	22 55	0 13	24 51	1 4	23 30	0 17	2 58	2 36	20 22	0 0	22 1	0 34	23 23	0 49	18 52	18 29	21 0			n.a.
S 25	23 42	15 0	4 50	19 29	1 2	23 7	0 15	24 50	1 4	23 29	0 17	2 57	2 36	20 22	0 0	22 2	0 34	23 23	0 49	18 54	18 30	21 0			n.a.
M26	23 45	17 47	4 22	19 53	0 53	23 18	0 18	24 49	1 4	23 28	0 17	2 56	2 36	20 23	0 0	22 2	0 34	23 23	0 49	18 56	18 30	21 0			n.a.
T 27	23 47	19 47	3 42	20 16	0 44	23 28	0 20	24 47	1 4	23 28	0 17	2 55	2 35	20 24	0 0	22 2	0 34	23 22	0 49	18 58	18 31	21 0			n.a.
W28	23 48	20 55	2 53	20 39	0 35	23 38	0 22	24 45	1 4	23 27	0 17	2 54	2 35	20 25	0 0	22 2	0 34	23 22	0 49	19 0	18 32	21 1			n.a.
T 29	23 49	21 6	1 56	21 2	0 26	23 47	0 25	24 43	1 4	23 26	0 17	2 53	2 35	20 25	0 0	22 3	0 34	23 22	0 49	19 1	18 33	21 1			n.a.
F 30	23 49	20 22	0 54	21 24	0 17	23 55	0 27	24 40	1 5	23 26	0 17	2 51	2 34	20 26	0 0	22 3	0 34	23 22	0 49	19 2	18 34	21 1			n.a.
S 31	23s49	18s44	0s10	21s46	0n 9	24s 2	0s29	24s38	1s 5	23n25	0n18	2s50	2s34	20s27	0n 0	22n 3	0n34	23n22	0n49	19n 2	18n35	21s 1			n.a.

Julian Day Number = 1343358.5, Delta T = 07h13m46s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'54, Lahiri = -18°14'53 Julian Calendar 1 Dec. 1036 BCE == Greg. Calendar 21 Nov. 1036 BCE

The year -1035 astronomical counting style corresponds to year 1036 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

JANUARY 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 56	1♉48'20	19♒49	8♐51	22♐56	9♉ 5	16°R27	28♓50	29♏58	24°R47	11°R46	6♌10	7♌52	11♉57	n.a.	S 1
M 2	6 5 53	2°49'06	1♓48	10°12	24°11	9°53	16♊20	28°53	0♐ 1	24♋46	11♊45	6°12	7°49	12° 3	n.a.	M 2
T 3	6 9 50	3°49'51	14° 0	11°34	25°26	10°40	16°12	28°55	0° 5	24°44	11°43	6°14	7°46	12°10	n.a.	T 3
W 4	6 13 46	4°50'35	26°27	12°57	26°41	11°27	16° 5	28°58	0° 8	24°43	11°42	6°15	7°42	12°17	n.a.	W 4
T 5	6 17 43	5°51'16	9♈16	14°21	27°56	12°15	15°58	29° 1	0°11	24°41	11°41	6°R15	7°39	12°23	n.a.	T 5
F 6	6 21 39	6°51'55	22°30	15°46	29°11	13° 2	15°51	29° 4	0°14	24°39	11°40	6°14	7°36	12°30	n.a.	F 6
S 7	6 25 36	7°52'33	6♉12	17°12	0♊26	13°49	15°44	29° 7	0°17	24°38	11°39	6°12	7°33	12°37	n.a.	S 7
S 8	6 29 32	8°53'08	20°22	18°39	1°41	14°36	15°37	29°10	0°20	24°36	11°38	6° 8	7°30	12°43	n.a.	S 8
M 9	6 33 29	9°53'42	4♊59	20° 8	2°56	15°24	15°30	29°14	0°23	24°35	11°36	6° 5	7°27	12°50	n.a.	M 9
T 10	6 37 25	10°54'14	19°58	21°37	4°11	16°11	15°23	29°17	0°26	24°33	11°35	6° 1	7°23	12°57	n.a.	T 10
W11	6 41 22	11°54'44	5♋11	23° 7	5°26	16°58	15°17	29°20	0°29	24°31	11°34	5°58	7°20	13° 3	n.a.	W11
T 12	6 45 19	12°55'13	20°27	24°38	6°41	17°45	15°10	29°24	0°32	24°30	11°33	5°56	7°17	13°10	n.a.	T 12
F 13	6 49 15	13°55'39	5♌36	26°10	7°56	18°33	15° 4	29°28	0°35	24°28	11°32	5°D55	7°14	13°17	n.a.	F 13
S 14	6 53 12	14°56'04	20°31	27°43	9°11	19°20	14°58	29°31	0°37	24°27	11°31	5°56	7°11	13°23	n.a.	S 14
S 15	6 57 8	15°56'27	5♍ 3	29°17	10°26	20° 7	14°52	29°35	0°40	24°25	11°30	5°57	7° 8	13°30	n.a.	S 15
M16	7 1 5	16°56'49	19° 9	0♎52	11°40	20°54	14°46	29°39	0°43	24°23	11°29	5°59	7° 4	13°37	n.a.	M16
T 17	7 5 1	17°57'09	2♎49	2°28	12°55	21°41	14°41	29°43	0°46	24°22	11°28	6° 0	7° 1	13°43	n.a.	T 17
W18	7 8 58	18°57'27	16° 3	4° 5	14°10	22°28	14°35	29°47	0°48	24°20	11°27	6°R 0	6°58	13°50	n.a.	W18
T 19	7 12 54	19°57'44	28°54	5°43	15°25	23°15	14°30	29°52	0°51	24°18	11°26	6° 0	6°55	13°56	n.a.	T 19
F 20	7 16 51	20°57'59	11♏26	7°22	16°40	24° 2	14°24	29°56	0°54	24°17	11°25	5°59	6°52	14° 3	n.a.	F 20
S 21	7 20 48	21°58'12	23°42	9° 2	17°55	24°49	14°19	0♈ 0	0°56	24°15	11°24	5°58	6°48	14°10	n.a.	S 21
S 22	7 24 44	22°58'24	5♐46	10°43	19°10	25°36	14°14	0° 5	0°59	24°13	11°23	5°56	6°45	14°16	n.a.	S 22
M23	7 28 41	23°58'34	17°42	12°25	20°24	26°23	14°10	0°10	1° 1	24°12	11°22	5°54	6°42	14°23	n.a.	M23
T 24	7 32 37	24°58'42	29°33	14° 7	21°39	27°10	14° 5	0°14	1° 4	24°10	11°21	5°52	6°39	14°30	n.a.	T 24
W25	7 36 34	25°58'49	11♑21	15°52	22°54	27°57	14° 1	0°19	1° 6	24° 8	11°20	5°51	6°36	14°36	n.a.	W25
T 26	7 40 30	26°58'53	23° 9	17°37	24° 9	28°44	13°56	0°24	1° 9	24° 7	11°19	5°50	6°33	14°43	n.a.	T 26
F 27	7 44 27	27°58'55	4♒58	19°23	25°23	29°31	13°52	0°29	1°11	24° 5	11°19	5°D50	6°29	14°50	n.a.	F 27
S 28	7 48 23	28°58'55	16°52	21°10	26°38	0♒18	13°48	0°34	1°13	24° 3	11°18	5°50	6°26	14°56	n.a.	S 28
S 29	7 52 20	29°58'53	28°51	22°58	27°53	1° 5	13°45	0°39	1°16	24° 2	11°17	5°50	6°23	15° 3	n.a.	S 29
M30	7 56 17	0♒58'49	10♓59	24°48	29° 8	1°52	13°41	0°44	1°18	24° 0	11°16	5°51	6°20	15°10	n.a.	M30
T 31	8 0 13	1♒58'43	23♓19	26♉38	0♒22	2♒38	13♊38	0♈49	1♐20	23♋58	11♊15	5♌51	6♌17	15♉16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	23s48	16s16	1s14	22s 7	0n 1	24s 9	0s32	24s35	1s 5	23n25	0n18	2s49	2s34	20s27	0n 0	22n 4	0n34	23n22	0n49	19n 2	18n35	21s 2			n.a.
M 2	23 47	13 7	2 16	22 27	0s 7	24 15	0 34	24 31	1 5	23 24	0 18	2 48	2 34	20 28	0 0	22 4	0 34	23 22	0 49	19 1	18 36	21 2			n.a.
T 3	23 46	9 21	3 13	22 46	0 15	24 20	0 36	24 28	1 5	23 23	0 18	2 46	2 33	20 29	0 0	22 4	0 34	23 22	0 49	19 1	18 37	21 2			n.a.
W 4	23 44	5 7	4 2	23 5	0 23	24 24	0 38	24 24	1 5	23 23	0 18	2 45	2 33	20 30	0 0	22 4	0 34	23 22	0 49	19 0	18 38	21 2			n.a.
T 5	23 41	0 33	4 40	23 23	0 30	24 28	0 40	24 20	1 5	23 22	0 18	2 43	2 33	20 30	0 0	22 5	0 34	23 21	0 49	19 0	18 39	21 2			n.a.
F 6	23 38	4n11	5 5	23 40	0 37	24 31	0 42	24 15	1 5	23 21	0 18	2 42	2 32	20 31	0 0	22 5	0 34	23 21	0 49	19 1	18 40	21 2			n.a.
S 7	23 35	8 52	5 14	23 55	0 44	24 33	0 44	24 10	1 5	23 21	0 19	2 40	2 32	20 32	0 0	22 5	0 34	23 21	0 50	19 1	18 40	21 3			n.a.
S 8	23 31	13 14	5 5	24 10	0 51	24 35	0 46	24 5	1 6	23 20	0 19	2 39	2 32	20 32	0 0	22 6	0 34	23 21	0 50	19 2	18 41	21 3			n.a.
M 9	23 26	16 57	4 35	24 24	0 58	24 35	0 48	24 0	1 6	23 19	0 19	2 37	2 31	20 33	0 0	22 6	0 34	23 21	0 50	19 3	18 42	21 3			n.a.
T 10	23 22	19 40	3 47	24 36	1 4	24 35	0 50	23 54	1 6	23 19	0 19	2 36	2 31	20 33	0 0	22 6	0 34	23 21	0 50	19 4	18 43	21 3			n.a.
W11	23 16	21 1	2 42	24 48	1 10	24 34	0 52	23 48	1 6	23 18	0 19	2 34	2 31	20 34	0 0	22 7	0 34	23 21	0 50	19 5	18 44	21 3			n.a.
T 12	23 11	20 51	1 24	24 58	1 16	24 32	0 54	23 42	1 6	23 18	0 19	2 32	2 31	20 35	0 0	22 7	0 34	23 21	0 50	19 5	18 44	21 3			n.a.
F 13	23 5	19 8	0 2	25 7	1 21	24 30	0 56	23 36	1 6	23 17	0 19	2 31	2 30	20 35	0 0	22 7	0 34	23 21	0 50	19 5	18 45	21 4			n.a.
S 14	22 58	16 8	1n20	25 14	1 26	24 27	0 57	23 29	1 6	23 16	0 19	2 29	2 30	20 36	0 0	22 8	0 34	23 21	0 50	19 5	18 46	21 4			n.a.
S 15	22 51	12 12	2 34	25 20	1 31	24 23	0 59	23 22	1 6	23 16	0 19	2 27	2 30	20 37	0 0	22 8	0 34	23 20	0 50	19 5	18 47	21 4			n.a.
M16	22 43	7 40	3 37	25 24	1 36	24 18	1 1	23 15	1 6	23 15	0 20	2 25	2 29	20 37	0 0	22 8	0 34	23 20	0 50	19 4	18 48	21 4			n.a.
T 17	22 35	2 55	4 25	25 27	1 40	24 13	1 2	23 7	1 6	23 15	0 20	2 23	2 29	20 38	0 0	22 8	0 34	23 20	0 50	19 4	18 49	21 4			n.a.
W18	22 27	1s50	4 58	25 29	1 44	24 6	1 4	23 0	1 6	23 14	0 20	2 21	2 29	20 38	0 0	22 9	0 34	23 20	0 50	19 4	18 49	21 4			n.a.
T 19	22 18	6 22	5 14	25 29	1 47	24 0	1 5	22 52	1 6	23 14	0 20	2 19	2 29	20 39	0 0	22 9	0 34	23 20	0 50	19 4	18 50	21 4			n.a.
F 20	22 9	10 30	5 15	25 27	1 51	23 52	1 7	22 43	1 6	23 13	0 20	2 17	2 28	20 39	0 0	22 9	0 34	23 20	0 50	19 4	18 51	21 4			n.a.
S 21	22 0	14 7	5 2	25 23	1 53	23 43	1 8	22 35	1 6	23 13	0 20	2 15	2 28	20 40	0 0	22 10	0 34	23 20	0 50	19 5	18 52	21 5			n.a.
S 22	21 50	17 6	4 35	25 18	1 56	23 34	1 10	22 26	1 6	23 12	0 20	2 13	2 28	20 41	0 0	22 10	0 34	23 20	0 50	19 5	18 53	21 5			n.a.
M23	21 39	19 19	3 56	25 11	1 58	23 24	1 11	22 17	1 6	23 12	0 20	2 11	2 28	20 41	0 0	22 10	0 34	23 20	0 50	19 6	18 53	21 5			n.a.
T 24	21 28	20 41	3 8	25 2	2 0	23 14	1 12	22 8	1 6	23 11	0 20	2 9	2 27	20 42	0 0	22 11	0 34	23 20	0 50	19 6	18 54	21 5			n.a.
W25	21 17	21 8	2 12	24 52	2 1	23 3	1 13	21 58	1 6	23 11	0 20	2 7	2 27	20 42	0 0	22 11	0 34	23 20	0 51	19 6	18 55	21 5			n.a.
T 26	21 5	20 39	1 10	24 39	2 2	22 51	1 15	21 48	1 6	23 10	0 21	2 5	2 27	20 43	0 0	22 11	0 34	23 20	0 51	19 7	18 56	21 5			n.a.
F 27	20 54	19 15	0 5	24 25	2 2	22 38	1 16	21 38	1 6	23 10	0 21	2 3	2 27	20 43	0 0	22 12	0 34	23 20	0 51	19 7	18 57	21 5			n.a.
S 28	20 41	17 0	1s 1	24 8	2 2	22 25	1 17	21 28	1 6	23 10	0 21	2 0	2 26	20 44	0 0	22 12	0 34	23 19	0 51	19 7	18 57	21 5			n.a.
S 29	20 28	14 0	2 5	23 50	2 2	22 11	1 18	21 18	1 6	23 9	0 21	1 58	2 26	20 44	0 0	22 12	0 34	23 19	0 51	19 7	18 58	21 5			n.a.
M30	20 15	10 23	3 3	23 29	2 1	21 56	1 19	21 7	1 5	23 9	0 21	1 56	2 26	20 45	0 0	22 13	0 34	23 19	0 51	19 6	18 59	21 5			n.a.
T 31	20s 2	6s17	3s55	23s 7	2s 0	21s41	1s19	20s56	1s 5	23n 9	0n21	1s53	2s26	20s45	0n 0	22n13	0n34	23n19	0n51	19n 6	19n 0	21s 5			n.a.

Julian Day Number = 1343389.5, Delta T = 07h13m45s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'50, Lahiri = -18°14'49 Julian Calendar 1 Jan. 1035 BCE == Greg. Calendar 22 Dec. 1036 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

FEBRUARY 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 4 10	2♒58'34	5♈52	28♉30	1♒37	3♒25	13°R35	0♈55	1♐22	23°R57	11°R15	5♌52	6♌14	15♉23	n.a.	W 1
T 2	8 8 6	3°58'23	18°43	0♒23	2°52	4°12	13♊32	1° 0	1°24	23♋55	11♊14	5°52	6°10	15°30	n.a.	T 2
F 3	8 12 3	4°58'09	1♉53	2°17	4° 6	4°59	13°29	1° 5	1°26	23°53	11°13	5°52	6° 7	15°36	n.a.	F 3
S 4	8 15 59	5°57'53	15°26	4°12	5°21	5°45	13°26	1°11	1°29	23°52	11°12	5°52	6° 4	15°43	n.a.	S 4
S 5	8 19 56	6°57'35	29°23	6° 8	6°36	6°32	13°24	1°17	1°31	23°50	11°12	5°52	6° 1	15°50	n.a.	S 5
M 6	8 23 52	7°57'14	13♊43	8° 4	7°50	7°18	13°22	1°22	1°32	23°49	11°11	5°52	5°58	15°56	n.a.	M 6
T 7	8 27 49	8°56'51	28°24	10° 2	9° 5	8° 5	13°19	1°28	1°34	23°47	11°11	5°52	5°54	16° 3	n.a.	T 7
W 8	8 31 45	9°56'25	13♋21	12° 1	10°19	8°51	13°18	1°34	1°36	23°45	11°10	5°53	5°51	16°10	n.a.	W 8
T 9	8 35 42	10°55'57	28°27	14° 0	11°34	9°38	13°16	1°40	1°38	23°44	11° 9	5°R53	5°48	16°16	n.a.	T 9
F 10	8 39 39	11°55'27	13♌33	16° 0	12°48	10°24	13°15	1°46	1°40	23°42	11° 9	5°53	5°45	16°23	n.a.	F 10
S 11	8 43 35	12°54'55	28°30	18° 0	14° 3	11°11	13°13	1°52	1°42	23°41	11° 8	5°53	5°42	16°30	n.a.	S 11
S 12	8 47 32	13°54'20	13♍10	20° 1	15°17	11°57	13°12	1°58	1°43	23°39	11° 8	5°52	5°39	16°36	n.a.	S 12
M13	8 51 28	14°53'44	27°27	22° 1	16°32	12°43	13°11	2° 4	1°45	23°38	11° 7	5°51	5°35	16°43	n.a.	M13
T 14	8 55 25	15°53'05	11♎17	24° 2	17°46	13°30	13°11	2°10	1°46	23°36	11° 7	5°50	5°32	16°50	n.a.	T 14
W15	8 59 21	16°52'25	24°41	26° 1	19° 1	14°16	13°10	2°17	1°48	23°34	11° 6	5°49	5°29	16°56	n.a.	W15
T 16	9 3 18	17°51'43	7♏38	28° 0	20°15	15° 2	13°10	2°23	1°49	23°33	11° 6	5°48	5°26	17° 3	n.a.	T 16
F 17	9 7 14	18°50'58	20°13	29°58	21°30	15°48	13°D10	2°29	1°51	23°31	11° 6	5°D48	5°23	17°10	n.a.	F 17
S 18	9 11 11	19°50'12	2♐30	1♓54	22°44	16°34	13°10	2°36	1°52	23°30	11° 5	5°48	5°20	17°16	n.a.	S 18
S 19	9 15 8	20°49'24	14°32	3°49	23°58	17°20	13°10	2°42	1°54	23°29	11° 5	5°49	5°16	17°23	n.a.	S 19
M20	9 19 4	21°48'34	26°25	5°41	25°13	18° 6	13°10	2°49	1°55	23°27	11° 5	5°50	5°13	17°29	n.a.	M20
T 21	9 23 1	22°47'43	8♑13	7°30	26°27	18°52	13°11	2°56	1°56	23°26	11° 4	5°52	5°10	17°36	n.a.	T 21
W22	9 26 57	23°46'49	19°59	9°16	27°41	19°38	13°12	3° 2	1°57	23°24	11° 4	5°53	5° 7	17°43	n.a.	W22
T 23	9 30 54	24°45'53	1♒49	10°58	28°56	20°24	13°13	3° 9	1°58	23°23	11° 4	5°R54	5° 4	17°49	n.a.	T 23
F 24	9 34 50	25°44'55	13°43	12°37	0♓10	21°10	13°14	3°16	2° 0	23°22	11° 4	5°54	5° 0	17°56	n.a.	F 24
S 25	9 38 47	26°43'55	25°46	14°11	1°24	21°56	13°16	3°23	2° 1	23°20	11° 3	5°52	4°57	18° 3	n.a.	S 25
S 26	9 42 43	27°42'52	7♓58	15°41	2°39	22°42	13°17	3°29	2° 2	23°19	11° 3	5°50	4°54	18° 9	n.a.	S 26
M27	9 46 40	28°41'48	20°20	17° 5	3°53	23°28	13°19	3°36	2° 2	23°18	11° 3	5°47	4°51	18°16	n.a.	M27
T 28	9 50 36	29♒40'41	2♈56	18♓25	5♓ 7	24♒13	13♊21	3♈43	2♐ 3	23♋16	11♊ 3	5♌43	4♌48	18♉23	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	19s48	1s50	4s36	22s42	1s58	21s25	1s20	20s45	1s 5	23n 8	0n21	1s51	2s25	20s46	0n 0	22n13	0n34	23n19	0n51	19n 6	19n 1	21s 5		n.a.	W 1
T 2	19 34	2n46	5 4	22 16	1 55	21 8	1 21	20 34	1 5	23 8	0 21	1 49	2 25	20 46	0 0	22 13	0 34	23 19	0 51	19 6	19 1	21 6		n.a.	T 2
F 3	19 19	7 22	5 17	21 47	1 52	20 51	1 22	20 22	1 5	23 8	0 21	1 46	2 25	20 46	0 0	22 14	0 34	23 19	0 51	19 6	19 2	21 6		n.a.	F 3
S 4	19 5	11 43	5 14	21 16	1 48	20 34	1 22	20 11	1 5	23 7	0 21	1 44	2 25	20 47	0 0	22 14	0 34	23 19	0 51	19 6	19 3	21 6		n.a.	S 4
S 5	18 49	15 35	4 52	20 43	1 44	20 15	1 23	19 59	1 5	23 7	0 21	1 41	2 24	20 47	0 0	22 14	0 34	23 19	0 51	19 6	19 4	21 6		n.a.	S 5
M 6	18 34	18 39	4 11	20 8	1 40	19 56	1 23	19 47	1 5	23 7	0 22	1 39	2 24	20 48	0 0	22 15	0 34	23 19	0 51	19 6	19 5	21 6		n.a.	M 6
T 7	18 18	20 35	3 14	19 31	1 34	19 37	1 24	19 34	1 5	23 7	0 22	1 36	2 24	20 48	0 0	22 15	0 34	23 19	0 51	19 6	19 5	21 6		n.a.	T 7
W 8	18 2	21 7	2 2	18 52	1 28	19 17	1 24	19 22	1 4	23 7	0 22	1 34	2 24	20 48	0 0	22 15	0 34	23 19	0 51	19 6	19 6	21 6		n.a.	W 8
T 9	17 46	20 7	0 41	18 11	1 22	18 56	1 24	19 9	1 4	23 7	0 22	1 31	2 24	20 49	0s 0	22 15	0 34	23 19	0 51	19 6	19 7	21 6		n.a.	T 9
F 10	17 29	17 42	0n43	17 28	1 14	18 35	1 25	18 56	1 4	23 6	0 22	1 28	2 23	20 49	0 0	22 16	0 34	23 19	0 51	19 6	19 8	21 6		n.a.	F 10
S 11	17 12	14 6	2 2	16 44	1 7	18 14	1 25	18 43	1 4	23 6	0 22	1 26	2 23	20 50	0 0	22 16	0 34	23 19	0 51	19 6	19 9	21 6		n.a.	S 11
S 12	16 55	9 41	3 13	15 58	0 58	17 51	1 25	18 30	1 4	23 6	0 22	1 23	2 23	20 50	0 0	22 16	0 34	23 19	0 51	19 6	19 9	21 6		n.a.	S 12
M13	16 37	4 50	4 9	15 10	0 49	17 29	1 25	18 16	1 4	23 6	0 22	1 21	2 23	20 50	0 0	22 17	0 34	23 19	0 51	19 6	19 10	21 6		n.a.	M13
T 14	16 20	0s 7	4 49	14 21	0 40	17 6	1 25	18 3	1 3	23 6	0 22	1 18	2 23	20 51	0 0	22 17	0 34	23 19	0 52	19 7	19 11	21 6		n.a.	T 14
W15	16 1	4 53	5 11	13 30	0 30	16 42	1 25	17 49	1 3	23 6	0 22	1 15	2 22	20 51	0 0	22 17	0 34	23 19	0 52	19 7	19 12	21 6		n.a.	W15
T 16	15 43	9 17	5 17	12 39	0 19	16 18	1 25	17 35	1 3	23 6	0 22	1 12	2 22	20 51	0 0	22 17	0 34	23 19	0 52	19 7	19 13	21 6		n.a.	T 16
F 17	15 25	13 9	5 7	11 47	0 8	15 54	1 25	17 21	1 3	23 6	0 22	1 10	2 22	20 52	0 0	22 18	0 34	23 19	0 52	19 7	19 13	21 6		n.a.	F 17
S 18	15 6	16 21	4 44	10 55	0n 3	15 29	1 24	17 7	1 3	23 6	0 22	1 7	2 22	20 52	0 0	22 18	0 34	23 19	0 52	19 7	19 14	21 6		n.a.	S 18
S 19	14 47	18 48	4 8	10 2	0 15	15 4	1 24	16 52	1 2	23 7	0 22	1 4	2 22	20 52	0 0	22 18	0 34	23 19	0 52	19 7	19 15	21 6		n.a.	S 19
M20	14 27	20 24	3 22	9 9	0 27	14 38	1 24	16 38	1 2	23 7	0 22	1 1	2 21	20 52	0 0	22 18	0 34	23 19	0 52	19 7	19 16	21 6		n.a.	M20
T 21	14 8	21 6	2 27	8 17	0 40	14 12	1 23	16 23	1 2	23 7	0 23	0 58	2 21	20 53	0 0	22 19	0 34	23 19	0 52	19 6	19 17	21 6		n.a.	T 21
W22	13 48	20 52	1 27	7 25	0 52	13 45	1 23	16 8	1 2	23 7	0 23	0 56	2 21	20 53	0 0	22 19	0 34	23 19	0 52	19 6	19 17	21 6		n.a.	W22
T 23	13 28	19 42	0 23	6 34	1 5	13 19	1 22	15 53	1 2	23 7	0 23	0 53	2 21	20 53	0 0	22 19	0 34	23 19	0 52	19 6	19 18	21 6		n.a.	T 23
F 24	13 8	17 39	0s43	5 45	1 17	12 51	1 22	15 38	1 1	23 7	0 23	0 50	2 21	20 53	0 0	22 19	0 34	23 19	0 52	19 6	19 19	21 6		n.a.	F 24
S 25	12 48	14 49	1 48	4 57	1 29	12 24	1 21	15 23	1 1	23 8	0 23	0 47	2 21	20 54	0 0	22 20	0 34	23 19	0 52	19 6	19 20	21 6		n.a.	S 25
S 26	12 27	11 18	2 48	4 11	1 42	11 56	1 20	15 7	1 1	23 8	0 23	0 44	2 20	20 54	0 0	22 20	0 34	23 19	0 52	19 7	19 20	21 5		n.a.	S 26
M27	12 7	7 16	3 41	3 26	1 53	11 28	1 19	14 52	1 1	23 8	0 23	0 41	2 20	20 54	0 0	22 20	0 34	23 19	0 52	19 7	19 21	21 5		n.a.	M27
T 28	11s46	2s51	4s24	2s44	2n 5	11s 0	1s18	14s36	1s 0	23n 8	0n23	0s38	2s20	20s54	0s 0	22n20	0n34	23n19	0n52	19n 8	19n22	21s 5		n.a.	T 28

Julian Day Number = 1343420.5, Delta T = 07h13m43s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'45, Lahiri = -18°14'45 Julian Calendar 1 Feb. 1035 BCE == Greg. Calendar 22 Jan. 1035 BCE

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

MARCH 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 54 33	0♓39'32	15♈44	19♓39	6♓21	24♒59	13♊23	3♈50	2♐ 4	23°R15	11°R 3	5°R39	4♌45	18♑29	n.a.	W 1
T 2	9 58 30	1°38'20	28°46	20°47	7°36	25°45	13°25	3°57	2° 5	23♋14	11♊ 3	5♌36	4°41	18°36	n.a.	T 2
F 3	10 2 26	2°37'06	12♉ 3	21°50	8°50	26°30	13°28	4° 4	2° 6	23°13	11° 3	5°33	4°38	18°43	n.a.	F 3
S 4	10 6 23	3°35'50	25°37	22°46	10° 4	27°16	13°31	4°12	2° 6	23°11	11°D 3	5°32	4°35	18°49	n.a.	S 4
S 5	10 10 19	4°34'32	9♊26	23°37	11°18	28° 1	13°33	4°19	2° 7	23°10	11° 3	5°D32	4°32	18°56	n.a.	S 5
M 6	10 14 16	5°33'11	23°32	24°21	12°32	28°47	13°36	4°26	2° 8	23° 9	11° 3	5°32	4°29	19° 3	n.a.	M 6
T 7	10 18 12	6°31'48	7♋54	24°59	13°46	29°32	13°40	4°33	2° 8	23° 8	11° 3	5°34	4°25	19° 9	n.a.	T 7
W 8	10 22 9	7°30'22	22°28	25°30	15° 0	0♓17	13°43	4°41	2° 9	23° 7	11° 3	5°35	4°22	19°16	n.a.	W 8
T 9	10 26 5	8°28'54	7♌11	25°55	16°14	1° 3	13°47	4°48	2° 9	23° 6	11° 3	5°R36	4°19	19°23	n.a.	T 9
F 10	10 30 2	9°27'24	21°57	26°14	17°28	1°48	13°50	4°55	2°10	23° 5	11° 3	5°35	4°16	19°29	n.a.	F 10
S 11	10 33 58	10°25'52	6♍40	26°26	18°42	2°33	13°54	5° 3	2°10	23° 4	11° 3	5°32	4°13	19°36	n.a.	S 11
S 12	10 37 55	11°24'17	21°11	26°33	19°56	3°18	13°58	5°10	2°10	23° 3	11° 3	5°28	4°10	19°42	n.a.	S 12
M13	10 41 52	12°22'41	5♎25	26°R33	21°10	4° 3	14° 3	5°18	2°10	23° 2	11° 4	5°22	4° 6	19°49	n.a.	M13
T 14	10 45 48	13°21'03	19°17	26°27	22°24	4°48	14° 7	5°25	2°11	23° 1	11° 4	5°17	4° 3	19°56	n.a.	T 14
W15	10 49 45	14°19'22	2♏45	26°15	23°38	5°33	14°12	5°33	2°11	23° 0	11° 4	5°11	4° 0	20° 2	n.a.	W15
T 16	10 53 41	15°17'41	15°47	25°59	24°52	6°18	14°16	5°40	2°11	22°59	11° 4	5° 6	3°57	20° 9	n.a.	T 16
F 17	10 57 38	16°15'57	28°26	25°37	26° 6	7° 3	14°21	5°48	2°R11	22°58	11° 5	5° 3	3°54	20°16	n.a.	F 17
S 18	11 1 34	17°14'12	10♐45	25°11	27°20	7°48	14°26	5°55	2°11	22°57	11° 5	5° 1	3°51	20°22	n.a.	S 18
S 19	11 5 31	18°12'25	22°48	24°41	28°34	8°33	14°32	6° 3	2°11	22°56	11° 5	5°D 1	3°47	20°29	n.a.	S 19
M20	11 9 27	19°10'37	4♑42	24° 8	29°48	9°17	14°37	6°11	2°11	22°56	11° 6	5° 2	3°44	20°36	n.a.	M20
T 21	11 13 24	20° 8'47	16°30	23°33	1♈ 2	10° 2	14°42	6°18	2°10	22°55	11° 6	5° 3	3°41	20°42	n.a.	T 21
W22	11 17 21	21° 6'56	28°18	22°55	2°15	10°47	14°48	6°26	2°10	22°54	11° 7	5° 4	3°38	20°49	n.a.	W22
T 23	11 21 17	22° 5'02	10♒10	22°16	3°29	11°31	14°54	6°34	2°10	22°53	11° 7	5°R 4	3°35	20°56	n.a.	T 23
F 24	11 25 14	23° 3'07	22°11	21°36	4°43	12°16	15° 0	6°41	2°10	22°53	11° 8	5° 3	3°31	21° 2	n.a.	F 24
S 25	11 29 10	24° 1'11	4♓23	20°57	5°57	13° 0	15° 6	6°49	2° 9	22°52	11° 8	4°59	3°28	21° 9	n.a.	S 25
S 26	11 33 7	24°59'13	16°49	20°19	7°11	13°45	15°12	6°57	2° 9	22°52	11° 9	4°53	3°25	21°16	n.a.	S 26
M27	11 37 3	25°57'13	29°29	19°42	8°24	14°29	15°19	7° 5	2° 8	22°51	11° 9	4°45	3°22	21°22	n.a.	M27
T 28	11 41 0	26°55'11	12♈25	19° 7	9°38	15°14	15°25	7°12	2° 8	22°50	11°10	4°36	3°19	21°29	n.a.	T 28
W29	11 44 56	27°53'07	25°35	18°34	10°52	15°58	15°32	7°20	2° 7	22°50	11°10	4°27	3°16	21°36	n.a.	W29
T 30	11 48 53	28°51'02	8♉58	18° 5	12° 5	16°42	15°39	7°28	2° 7	22°49	11°11	4°19	3°12	21°42	n.a.	T 30
F 31	11 52 49	29♓48'55	22♉32	17♓40	13♈19	17♓26	15♊46	7♈36	2♐ 6	22♋49	11♊11	4♌12	3♌ 9	21♑49	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11s25	1n45	4s55	2s 5	2n16	10s31	1s18	14s20	1s 0	23n 9	0n23	0s35	2s20	20s54	0s 0	22n21	0n34	23n19	0n52	19n 9	19n23	21s 5			n.a.
T 2	11 4	6 21	5 12	1 28	2 26	10 2	1 17	14 4	1 0	23 9	0 23	0 32	2 20	20 55	0 0	22 21	0 34	23 19	0 52	19 10	19 24	21 5			n.a.
F 3	10 42	10 45	5 12	0 55	2 36	9 33	1 16	13 48	1 0	23 9	0 23	0 29	2 20	20 55	0 0	22 21	0 34	23 19	0 52	19 11	19 24	21 5			n.a.
S 4	10 21	14 41	4 55	0 24	2 45	9 4	1 14	13 32	0 59	23 10	0 23	0 26	2 20	20 55	0 0	22 21	0 34	23 19	0 52	19 11	19 25	21 5			n.a.
S 5	9 59	17 55	4 21	0n 4	2 53	8 34	1 13	13 16	0 59	23 10	0 23	0 23	2 19	20 55	0 0	22 21	0 34	23 19	0 52	19 11	19 26	21 5			n.a.
M 6	9 37	20 9	3 30	0 28	3 0	8 4	1 12	13 0	0 59	23 11	0 23	0 20	2 19	20 55	0 0	22 22	0 34	23 19	0 52	19 11	19 27	21 5			n.a.
T 7	9 15	21 9	2 26	0 49	3 6	7 34	1 11	12 43	0 58	23 11	0 23	0 17	2 19	20 55	0 0	22 22	0 34	23 19	0 52	19 11	19 27	21 5			n.a.
W 8	8 53	20 44	1 11	1 7	3 12	7 4	1 9	12 27	0 58	23 12	0 23	0 14	2 19	20 55	0 0	22 22	0 34	23 19	0 52	19 10	19 28	21 5			n.a.
T 9	8 31	18 54	0n 9	1 21	3 16	6 33	1 8	12 10	0 58	23 12	0 23	0 11	2 19	20 55	0 0	22 22	0 34	23 19	0 53	19 10	19 29	21 5			n.a.
F 10	8 9	15 48	1 28	1 31	3 19	6 3	1 7	11 54	0 57	23 13	0 24	0 8	2 19	20 56	0 0	22 22	0 34	23 19	0 53	19 10	19 30	21 4			n.a.
S 11	7 46	11 42	2 42	1 37	3 20	5 32	1 5	11 37	0 57	23 13	0 24	0 5	2 19	20 56	0 0	22 23	0 34	23 19	0 53	19 11	19 30	21 4			n.a.
S 12	7 24	6 57	3 43	1 40	3 21	5 1	1 4	11 20	0 57	23 14	0 24	0 2	2 19	20 56	0 0	22 23	0 34	23 19	0 53	19 12	19 31	21 4			n.a.
M13	7 1	1 56	4 30	1 39	3 20	4 30	1 2	11 3	0 56	23 14	0 24	0n 1	2 18	20 56	0 0	22 23	0 34	23 19	0 53	19 13	19 32	21 4			n.a.
T 14	6 39	3s 4	4 59	1 35	3 18	3 59	1 0	10 46	0 56	23 15	0 24	0 4	2 18	20 56	0 0	22 23	0 34	23 20	0 53	19 15	19 33	21 4			n.a.
W15	6 16	7 45	5 11	1 27	3 14	3 28	0 59	10 29	0 56	23 15	0 24	0 8	2 18	20 56	0 0	22 23	0 34	23 20	0 53	19 16	19 34	21 4			n.a.
T 16	5 53	11 57	5 6	1 15	3 8	2 56	0 57	10 12	0 55	23 16	0 24	0 11	2 18	20 56	0 0	22 23	0 34	23 20	0 53	19 18	19 34	21 4			n.a.
F 17	5 30	15 29	4 46	1 0	3 2	2 25	0 55	9 54	0 55	23 17	0 24	0 14	2 18	20 56	0 0	22 23	0 34	23 20	0 53	19 18	19 35	21 4			n.a.
S 18	5 7	18 14	4 13	0 43	2 54	1 53	0 53	9 37	0 55	23 17	0 24	0 17	2 18	20 56	0 0	22 24	0 34	23 20	0 53	19 19	19 36	21 3			n.a.
S 19	4 44	20 8	3 29	0 22	2 44	1 22	0 51	9 20	0 54	23 18	0 24	0 20	2 18	20 56	0 0	22 24	0 34	23 20	0 53	19 19	19 37	21 3			n.a.
M20	4 21	21 7	2 37	0s 1	2 33	0 50	0 49	9 2	0 54	23 19	0 24	0 23	2 18	20 56	0 0	22 24	0 34	23 20	0 53	19 19	19 37	21 3			n.a.
T 21	3 58	21 8	1 39	0 27	2 22	0 19	0 48	8 45	0 54	23 19	0 24	0 26	2 18	20 56	0 0	22 24	0 34	23 20	0 53	19 18	19 38	21 3			n.a.
W22	3 35	20 14	0 37	0 54	2 8	0n13	0 46	8 27	0 53	23 20	0 24	0 30	2 18	20 56	0 0	22 24	0 34	23 20	0 53	19 18	19 39	21 3			n.a.
T 23	3 11	18 25	0s28	1 22	1 54	0 45	0 43	8 10	0 53	23 21	0 24	0 33	2 17	20 56	0 0	22 24	0 34	23 20	0 53	19 18	19 40	21 3			n.a.
F 24	2 48	15 46	1 31	1 52	1 39	1 16	0 41	7 52	0 52	23 22	0 24	0 36	2 17	20 56	0 0	22 24	0 34	23 20	0 53	19 18	19 40	21 2			n.a.
S 25	2 25	12 24	2 32	2 22	1 24	1 48	0 39	7 35	0 52	23 22	0 24	0 39	2 17	20 56	0 0	22 24	0 34	23 21	0 53	19 19	19 41	21 2			n.a.
S 26	2 1	8 26	3 26	2 52	1 8	2 19	0 37	7 17	0 52	23 23	0 24	0 42	2 17	20 56	0 0	22 25	0 34	23 21	0 53	19 21	19 42	21 2			n.a.
M27	1 38	4 2	4 11	3 22	0 51	2 51	0 35	6 59	0 51	23 24	0 24	0 45	2 17	20 55	0 0	22 25	0 34	23 21	0 53	19 23	19 43	21 2			n.a.
T 28	1 15	0n38	4 44	3 51	0 34	3 22	0 33	6 41	0 51	23 25	0 24	0 49	2 17	20 55	0 0	22 25	0 34	23 21	0 53	19 25	19 43	21 2			n.a.
W29	0 51	5 21	5 2	4 19	0 18	3 54	0 31	6 24	0 50	23 25	0 24	0 52	2 17	20 55	0 0	22 25	0 34	23 21	0 53	19 27	19 44	21 1			n.a.
T 30	0 28	9 54	5 5	4 46	0 1	4 25	0 28	6 6	0 50	23 26	0 24	0 55	2 17	20 55	0 0	22 25	0 34	23 21	0 53	19 29	19 45	21 1			n.a.
F 31	0s 4	14n 1	4s51	5s11	0s15	4n56	0s26	5s48	0s50	23n27	0n25	0n58	2s17	20s55	0s 0	22n25	0n34	23n21	0n53	19n31	19n46	21s 1			n.a.

Julian Day Number = 1343448.5, Delta T = 07h13m42s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'42, Lahiri = -18°14'41 Julian Calendar 1 March 1035 BCE == Greg. Calendar 19 Feb. 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

APRIL 1035 BCE (-1034) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 56 46	0♈46'45	6♊17	17°R18	14♈33	18♓10	15♊53	7♈44	2°R 5	22°R49	11♊12	4°R 7	3♌ 6	21♑55	n.a.	S 1
S 2	12 0 43	1°44'35	20°11	17♓ 0	15°46	18°54	16° 0	7°51	2♐ 4	22♋48	11°13	4♌ 5	3° 3	22° 2	n.a.	S 2
M 3	12 4 39	2°42'22	4♋13	16°47	17° 0	19°38	16° 8	7°59	2° 4	22°48	11°14	4°D 4	3° 0	22° 9	n.a.	M 3
T 4	12 8 36	3°40'07	18°22	16°38	18°13	20°22	16°15	8° 7	2° 3	22°48	11°14	4° 5	2°56	22°15	n.a.	T 4
W 5	12 12 32	4°37'51	2♌37	16°D34	19°27	21° 6	16°23	8°15	2° 2	22°47	11°15	4°R 5	2°53	22°22	n.a.	W 5
T 6	12 16 29	5°35'32	16°57	16°35	20°40	21°50	16°31	8°23	2° 1	22°47	11°16	4° 5	2°50	22°29	n.a.	T 6
F 7	12 20 25	6°33'12	1♍18	16°40	21°54	22°34	16°38	8°31	2° 0	22°47	11°17	4° 2	2°47	22°35	n.a.	F 7
S 8	12 24 22	7°30'50	15°36	16°50	23° 7	23°18	16°46	8°39	1°59	22°47	11°17	3°57	2°44	22°42	n.a.	S 8
S 9	12 28 18	8°28'27	29°46	17° 4	24°21	24° 1	16°55	8°47	1°58	22°46	11°18	3°49	2°41	22°49	n.a.	S 9
M10	12 32 15	9°26'02	13♎44	17°23	25°34	24°45	17° 3	8°54	1°57	22°46	11°19	3°39	2°37	22°55	n.a.	M10
T 11	12 36 12	10°23'36	27°25	17°46	26°48	25°29	17°11	9° 2	1°55	22°46	11°20	3°29	2°34	23° 2	n.a.	T 11
W12	12 40 8	11°21'08	10♏45	18°14	28° 1	26°12	17°20	9°10	1°54	22°46	11°21	3°18	2°31	23° 9	n.a.	W12
T 13	12 44 5	12°18'40	23°44	18°45	29°14	26°56	17°28	9°18	1°53	22°46	11°22	3° 9	2°28	23°15	n.a.	T 13
F 14	12 48 1	13°16'10	6♐22	19°21	0♑28	27°39	17°37	9°26	1°52	22°D46	11°23	3° 1	2°25	23°22	n.a.	F 14
S 15	12 51 58	14°13'39	18°41	20° 1	1°41	28°22	17°46	9°34	1°50	22°46	11°24	2°56	2°22	23°29	n.a.	S 15
S 16	12 55 54	15°11'07	0♑46	20°44	2°54	29° 6	17°55	9°42	1°49	22°46	11°25	2°53	2°18	23°35	n.a.	S 16
M17	12 59 51	16° 8'34	12°40	21°31	4° 7	29°49	18° 4	9°49	1°48	22°46	11°26	2°D52	2°15	23°42	n.a.	M17
T 18	13 3 47	17° 6'01	24°28	22°22	5°21	0♈32	18°13	9°57	1°46	22°46	11°27	2°52	2°12	23°48	n.a.	T 18
W19	13 7 44	18° 3'26	6♒18	23°16	6°34	1°15	18°22	10° 5	1°45	22°47	11°28	2°R52	2° 9	23°55	n.a.	W19
T 20	13 11 41	19° 0'51	18°12	24°14	7°47	1°58	18°32	10°13	1°43	22°47	11°29	2°51	2° 6	24° 2	n.a.	T 20
F 21	13 15 37	19°58'14	0♓18	25°14	9° 0	2°41	18°41	10°21	1°41	22°47	11°30	2°49	2° 2	24° 8	n.a.	F 21
S 22	13 19 34	20°55'37	12°38	26°18	10°14	3°24	18°51	10°29	1°40	22°47	11°31	2°43	1°59	24°15	n.a.	S 22
S 23	13 23 30	21°52'59	25°16	27°25	11°27	4° 7	19° 0	10°36	1°38	22°47	11°32	2°35	1°56	24°22	n.a.	S 23
M24	13 27 27	22°50'20	8♈13	28°35	12°40	4°50	19°10	10°44	1°37	22°48	11°33	2°25	1°53	24°28	n.a.	M24
T 25	13 31 23	23°47'40	21°28	29°48	13°53	5°33	19°20	10°52	1°35	22°48	11°34	2°14	1°50	24°35	n.a.	T 25
W26	13 35 20	24°44'59	5♉ 2	1♈ 4	15° 6	6°16	19°30	11° 0	1°33	22°49	11°35	2° 1	1°47	24°42	n.a.	W26
T 27	13 39 16	25°42'17	18°50	2°23	16°19	6°58	19°40	11° 7	1°31	22°49	11°37	1°50	1°43	24°48	n.a.	T 27
F 28	13 43 13	26°39'34	2♊48	3°45	17°32	7°41	19°50	11°15	1°29	22°49	11°38	1°41	1°40	24°55	n.a.	F 28
S 29	13 47 9	27°36'50	16°54	5° 9	18°45	8°24	20° 0	11°23	1°28	22°50	11°39	1°34	1°37	25° 2	n.a.	S 29
S 30	13 51 6	28♈34'05	1♋ 2	6♈36	19♉58	9♈ 6	20♊11	11♈30	1♐26	22♋50	11♊40	1♌30	1♌34	25♑ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n19	17n26	4s20	5s34	0s31	5n27	0s24	5s30	0s49	23n28	0n25	1n 1	2s17	20s55	0s 0	22n25	0n34	23n22	0n54	19n32	19n46	21s 1		n.a.
S 2	0 42	19 55	3 33	5 55	0 47	5 58	0 21	5 12	0 49	23 29	0 25	1 4	2 17	20 55	0 1	22 25	0 34	23 22	0 54	19 32	19 47	21 1		n.a.
M 3	1 6	21 12	2 33	6 14	1 1	6 29	0 19	4 54	0 48	23 29	0 25	1 8	2 17	20 55	0 1	22 25	0 34	23 22	0 54	19 33	19 48	21 0		n.a.
T 4	1 29	21 10	1 23	6 31	1 16	7 0	0 16	4 36	0 48	23 30	0 25	1 11	2 17	20 54	0 1	22 25	0 34	23 22	0 54	19 32	19 49	21 0		n.a.
W 5	1 52	19 45	0 8	6 45	1 29	7 31	0 14	4 18	0 47	23 31	0 25	1 14	2 17	20 54	0 1	22 25	0 34	23 22	0 54	19 32	19 49	21 0		n.a.
T 6	2 15	17 5	1n 8	6 56	1 42	8 1	0 12	4 0	0 47	23 32	0 25	1 17	2 17	20 54	0 1	22 25	0 34	23 22	0 54	19 32	19 50	21 0		n.a.
F 7	2 38	13 22	2 20	7 5	1 53	8 31	0 9	3 42	0 46	23 33	0 25	1 20	2 17	20 54	0 1	22 25	0 34	23 22	0 54	19 33	19 51	20 59		n.a.
S 8	3 2	8 52	3 23	7 11	2 4	9 1	0 7	3 24	0 46	23 34	0 25	1 24	2 17	20 54	0 1	22 25	0 34	23 23	0 54	19 34	19 52	20 59		n.a.
S 9	3 25	3 56	4 12	7 15	2 15	9 31	0 4	3 6	0 46	23 35	0 25	1 27	2 17	20 53	0 1	22 25	0 34	23 23	0 54	19 36	19 52	20 59		n.a.
M10	3 48	1s 8	4 45	7 16	2 24	10 1	0 2	2 48	0 45	23 35	0 25	1 30	2 17	20 53	0 1	22 25	0 34	23 23	0 54	19 38	19 53	20 59		n.a.
T 11	4 11	6 2	5 1	7 14	2 32	10 30	0n 1	2 30	0 45	23 36	0 25	1 33	2 17	20 53	0 1	22 25	0 34	23 23	0 54	19 41	19 54	20 58		n.a.
W12	4 34	10 32	5 1	7 10	2 40	10 59	0 3	2 12	0 44	23 37	0 25	1 36	2 17	20 53	0 1	22 25	0 34	23 23	0 54	19 44	19 54	20 58		n.a.
T 13	4 56	14 25	4 44	7 3	2 46	11 28	0 6	1 54	0 44	23 38	0 25	1 39	2 17	20 52	0 1	22 25	0 34	23 23	0 54	19 46	19 55	20 58		n.a.
F 14	5 19	17 33	4 14	6 54	2 52	11 57	0 8	1 36	0 43	23 39	0 25	1 42	2 17	20 52	0 1	22 25	0 34	23 24	0 54	19 47	19 56	20 58		n.a.
S 15	5 42	19 48	3 32	6 43	2 57	12 25	0 11	1 18	0 43	23 40	0 25	1 46	2 17	20 52	0 1	22 25	0 34	23 24	0 54	19 49	19 57	20 57		n.a.
S 16	6 4	21 7	2 42	6 29	3 1	12 53	0 14	1 1	0 42	23 41	0 25	1 49	2 17	20 52	0 1	22 25	0 34	23 24	0 54	19 49	19 57	20 57		n.a.
M17	6 27	21 27	1 45	6 13	3 4	13 21	0 16	0 43	0 42	23 42	0 25	1 52	2 17	20 51	0 1	22 25	0 34	23 24	0 54	19 50	19 58	20 57		n.a.
T 18	6 49	20 50	0 45	5 55	3 6	13 48	0 19	0 25	0 41	23 42	0 25	1 55	2 17	20 51	0 1	22 25	0 34	23 24	0 54	19 50	19 59	20 56		n.a.
W19	7 11	19 17	0s18	5 35	3 8	14 15	0 21	0 7	0 41	23 43	0 25	1 58	2 17	20 51	0 1	22 25	0 34	23 24	0 54	19 50	20 0	20 56		n.a.
T 20	7 34	16 53	1 21	5 13	3 9	14 42	0 24	0n11	0 40	23 44	0 25	2 1	2 17	20 51	0 1	22 25	0 34	23 25	0 54	19 50	20 0	20 56		n.a.
F 21	7 56	13 43	2 20	4 48	3 9	15 8	0 26	0 29	0 40	23 45	0 26	2 4	2 17	20 50	0 1	22 25	0 34	23 25	0 54	19 50	20 1	20 56		n.a.
S 22	8 18	9 54	3 14	4 22	3 8	15 34	0 29	0 47	0 39	23 46	0 26	2 7	2 17	20 50	0 1	22 25	0 34	23 25	0 54	19 52	20 2	20 55		n.a.
S 23	8 39	5 34	4 0	3 54	3 7	16 0	0 31	1 4	0 39	23 47	0 26	2 10	2 17	20 50	0 1	22 25	0 34	23 25	0 55	19 53	20 2	20 55		n.a.
M24	9 1	0 54	4 35	3 23	3 5	16 25	0 34	1 22	0 38	23 48	0 26	2 13	2 17	20 49	0 1	22 25	0 34	23 25	0 55	19 56	20 3	20 55		n.a.
T 25	9 23	3n56	4 56	2 51	3 2	16 50	0 36	1 40	0 38	23 48	0 26	2 17	2 17	20 49	0 1	22 25	0 34	23 26	0 55	19 59	20 4	20 54		n.a.
W26	9 44	8 41	5 0	2 18	2 59	17 14	0 39	1 57	0 37	23 49	0 26	2 20	2 17	20 49	0 1	22 25	0 34	23 26	0 55	20 1	20 5	20 54		n.a.
T 27	10 5	13 5	4 48	1 42	2 55	17 38	0 41	2 15	0 37	23 50	0 26	2 23	2 17	20 48	0 1	22 25	0 34	23 26	0 55	20 4	20 5	20 54		n.a.
F 28	10 26	16 50	4 18	1 5	2 50	18 2	0 44	2 33	0 36	23 51	0 26	2 26	2 17	20 48	0 1	22 25	0 34	23 26	0 55	20 6	20 6	20 53		n.a.
S 29	10 47	19 38	3 32	0 26	2 45	18 25	0 46	2 50	0 36	23 52	0 26	2 29	2 17	20 47	0 1	22 25	0 34	23 27	0 55	20 8	20 7	20 53		n.a.
S 30	11n 8	21n15	2s34	0n14	2s39	18n47	0n48	3n 8	0s35	23n53	0n26	2n32	2s17	20s47	0s 1	22n25	0n34	23n27	0n55	20n 8	20n 8	20s53		n.a.

Julian Day Number = 1343479.5, Delta T = 07h13m40s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'37, Lahiri = -18°14'37 Julian Calendar 1 Apr. 1035 BCE == Greg. Calendar 22 March 1035 BCE

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

MAY 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 55 3	29♈31'20	15♋12	8♈ 6	21♉11	9♈49	20♊21	11♈38	1°R24	22♋51	11♊41	1°R28	1♌31	25♑15	n.a.	M 1
T 2	13 58 59	0♉28'33	29°20	9°39	22°24	10°31	20°32	11°46	1♐22	22°52	11°43	1♌28	1°28	25°22	n.a.	T 2
W 3	14 2 56	1°25'44	13♌26	11°14	23°37	11°13	20°42	11°53	1°20	22°52	11°44	1°28	1°24	25°28	n.a.	W 3
T 4	14 6 52	2°22'55	27°30	12°52	24°50	11°56	20°53	12° 1	1°18	22°53	11°45	1°26	1°21	25°35	n.a.	T 4
F 5	14 10 49	3°20'05	11♍29	14°33	26° 3	12°38	21° 3	12° 8	1°16	22°53	11°47	1°23	1°18	25°41	n.a.	F 5
S 6	14 14 45	4°17'14	25°22	16°16	27°16	13°20	21°14	12°16	1°14	22°54	11°48	1°17	1°15	25°48	n.a.	S 6
S 7	14 18 42	5°14'22	9♎ 7	18° 2	28°29	14° 2	21°25	12°23	1°12	22°55	11°49	1° 8	1°12	25°55	n.a.	S 7
M 8	14 22 39	6°11'30	22°41	19°51	29°41	14°44	21°36	12°31	1°10	22°56	11°51	0°57	1° 8	26° 1	n.a.	M 8
T 9	14 26 35	7° 8'37	6♏ 2	21°42	0♊54	15°26	21°47	12°38	1° 7	22°56	11°52	0°45	1° 5	26° 8	n.a.	T 9
W10	14 30 32	8° 5'43	19° 6	23°35	2° 7	16° 8	21°58	12°46	1° 5	22°57	11°53	0°33	1° 2	26°15	n.a.	W10
T 11	14 34 28	9° 2'50	1♐54	25°31	3°20	16°50	22° 9	12°53	1° 3	22°58	11°55	0°22	0°59	26°21	n.a.	T 11
F 12	14 38 25	9°59'55	14°24	27°29	4°32	17°32	22°21	13° 0	1° 1	22°59	11°56	0°13	0°56	26°28	n.a.	F 12
S 13	14 42 21	10°57'01	26°39	29°30	5°45	18°14	22°32	13° 8	0°59	23° 0	11°58	0° 6	0°53	26°35	n.a.	S 13
S 14	14 46 18	11°54'06	8♑41	1♉32	6°58	18°56	22°43	13°15	0°57	23° 1	11°59	0° 2	0°49	26°41	n.a.	S 14
M15	14 50 14	12°51'12	20°34	3°36	8°10	19°38	22°55	13°22	0°54	23° 2	12° 0	0° 0	0°46	26°48	n.a.	M15
T 16	14 54 11	13°48'17	2♒23	5°42	9°23	20°19	23° 6	13°29	0°52	23° 3	12° 2	0°D 0	0°43	26°55	n.a.	T 16
W17	14 58 8	14°45'22	14°12	7°50	10°35	21° 1	23°18	13°37	0°50	23° 4	12° 3	0°R 0	0°40	27° 1	n.a.	W17
T 18	15 2 4	15°42'28	26° 8	9°58	11°48	21°42	23°30	13°44	0°47	23° 5	12° 5	29♋59	0°37	27° 8	n.a.	T 18
F 19	15 6 1	16°39'33	8♓15	12° 8	13° 0	22°24	23°41	13°51	0°45	23° 6	12° 6	29°58	0°33	27°14	n.a.	F 19
S 20	15 9 57	17°36'38	20°39	14°18	14°13	23° 5	23°53	13°58	0°43	23° 7	12° 8	29°54	0°30	27°21	n.a.	S 20
S 21	15 13 54	18°33'44	3♈23	16°29	15°25	23°47	24° 5	14° 5	0°40	23° 8	12° 9	29°47	0°27	27°28	n.a.	S 21
M22	15 17 50	19°30'49	16°30	18°40	16°38	24°28	24°17	14°12	0°38	23°10	12°11	29°39	0°24	27°34	n.a.	M22
T 23	15 21 47	20°27'55	0♉ 0	20°50	17°50	25° 9	24°29	14°19	0°36	23°11	12°12	29°28	0°21	27°41	n.a.	T 23
W24	15 25 43	21°25'01	13°53	23° 1	19° 3	25°51	24°41	14°26	0°33	23°12	12°14	29°18	0°18	27°48	n.a.	W24
T 25	15 29 40	22°22'07	28° 3	25°10	20°15	26°32	24°53	14°32	0°31	23°13	12°15	29° 8	0°14	27°54	n.a.	T 25
F 26	15 33 37	23°19'12	12♊27	27°19	21°27	27°13	25° 5	14°39	0°28	23°14	12°17	28°59	0°11	28° 1	n.a.	F 26
S 27	15 37 33	24°16'19	26°57	29°27	22°40	27°54	25°17	14°46	0°26	23°16	12°18	28°54	0° 8	28° 8	n.a.	S 27
S 28	15 41 30	25°13'24	11♋28	1♊33	23°52	28°35	25°29	14°52	0°24	23°17	12°20	28°50	0° 5	28°14	n.a.	S 28
M29	15 45 26	26°10'30	25°54	3°38	25° 4	29°16	25°41	14°59	0°21	23°19	12°21	28°D49	0° 2	28°21	n.a.	M29
T 30	15 49 23	27° 7'36	10♌13	5°41	26°16	29°57	25°54	15° 6	0°19	23°20	12°23	28°49	29♋59	28°28	n.a.	T 30
W31	15 53 19	28♉ 4'42	24♌22	7♊43	27♊29	0♉38	26♊ 6	15♈12	0♐16	23♋21	12♊25	28°R50	29♋55	28♑34	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n29	21n32	1s25	0n56	2s32	19n 9	0n51	3n25	0s34	23n54	0n26	2n35	2s17	20s47	0s 1	22n24	0n34	23n27	0n55	20n 9	20n 8	20s52			n.a.
T 2	11 49	20 26	0 11	1 39	2 25	19 31	0 53	3 43	0 34	23 54	0 26	2 38	2 17	20 46	0 1	22 24	0 34	23 27	0 55	20 9	20 9	20 52			n.a.
W 3	12 9	18 3	1n 3	2 24	2 18	19 52	0 55	4 0	0 33	23 55	0 26	2 41	2 17	20 46	0 1	22 24	0 34	23 27	0 55	20 9	20 10	20 51			n.a.
T 4	12 29	14 37	2 13	3 10	2 10	20 12	0 58	4 17	0 33	23 56	0 26	2 43	2 17	20 45	0 1	22 24	0 34	23 28	0 55	20 9	20 10	20 51			n.a.
F 5	12 49	10 22	3 15	3 58	2 1	20 32	1 0	4 34	0 32	23 57	0 26	2 46	2 17	20 45	0 1	22 24	0 34	23 28	0 55	20 10	20 11	20 51			n.a.
S 6	13 9	5 36	4 4	4 46	1 52	20 52	1 2	4 52	0 32	23 58	0 26	2 49	2 17	20 45	0 1	22 24	0 34	23 28	0 55	20 11	20 12	20 50			n.a.
S 7	13 28	0 36	4 39	5 36	1 43	21 11	1 4	5 9	0 31	23 58	0 26	2 52	2 17	20 44	0 1	22 24	0 34	23 28	0 55	20 13	20 13	20 50			n.a.
M 8	13 48	4s22	4 58	6 27	1 33	21 29	1 7	5 26	0 31	23 59	0 26	2 55	2 17	20 44	0 1	22 24	0 34	23 29	0 55	20 16	20 13	20 50			n.a.
T 9	14 7	9 2	4 59	7 18	1 23	21 47	1 9	5 43	0 30	24 0	0 26	2 58	2 17	20 43	0 1	22 23	0 34	23 29	0 55	20 18	20 14	20 49			n.a.
W10	14 26	13 12	4 45	8 10	1 13	22 4	1 11	6 0	0 29	24 1	0 26	3 1	2 17	20 43	0 1	22 23	0 34	23 29	0 55	20 21	20 15	20 49			n.a.
T 11	14 44	16 40	4 17	9 3	1 2	22 20	1 13	6 16	0 29	24 1	0 27	3 4	2 18	20 42	0 1	22 23	0 34	23 29	0 55	20 24	20 15	20 48			n.a.
F 12	15 3	19 18	3 37	9 57	0 51	22 36	1 15	6 33	0 28	24 2	0 27	3 6	2 18	20 42	0 1	22 23	0 34	23 30	0 55	20 25	20 16	20 48			n.a.
S 13	15 21	20 59	2 47	10 50	0 40	22 52	1 17	6 50	0 28	24 3	0 27	3 9	2 18	20 42	0 1	22 23	0 34	23 30	0 56	20 27	20 17	20 47			n.a.
S 14	15 39	21 41	1 51	11 44	0 29	23 6	1 19	7 7	0 27	24 3	0 27	3 12	2 18	20 41	0 1	22 23	0 34	23 30	0 56	20 28	20 17	20 47			n.a.
M15	15 56	21 24	0 50	12 38	0 18	23 20	1 20	7 23	0 27	24 4	0 27	3 15	2 18	20 41	0 1	22 22	0 34	23 30	0 56	20 28	20 18	20 47			n.a.
T 16	16 14	20 9	0s13	13 31	0 7	23 34	1 22	7 40	0 26	24 5	0 27	3 18	2 18	20 40	0 1	22 22	0 34	23 31	0 56	20 28	20 19	20 46			n.a.
W17	16 31	18 1	1 15	14 24	0n 3	23 46	1 24	7 56	0 25	24 6	0 27	3 20	2 18	20 40	0 1	22 22	0 34	23 31	0 56	20 28	20 20	20 46			n.a.
T 18	16 48	15 6	2 14	15 16	0 14	23 58	1 26	8 12	0 25	24 6	0 27	3 23	2 18	20 39	0 1	22 22	0 34	23 31	0 56	20 28	20 20	20 45			n.a.
F 19	17 5	11 31	3 9	16 6	0 25	24 10	1 27	8 29	0 24	24 7	0 27	3 26	2 18	20 39	0 1	22 22	0 34	23 31	0 56	20 29	20 21	20 45			n.a.
S 20	17 21	7 21	3 55	16 56	0 35	24 20	1 29	8 45	0 24	24 7	0 27	3 28	2 18	20 38	0 1	22 22	0 34	23 32	0 56	20 30	20 22	20 44			n.a.
S 21	17 37	2 47	4 32	17 44	0 44	24 30	1 30	9 1	0 23	24 8	0 27	3 31	2 18	20 38	0 1	22 21	0 34	23 32	0 56	20 31	20 22	20 44			n.a.
M22	17 53	2n 3	4 55	18 30	0 54	24 39	1 32	9 17	0 22	24 9	0 27	3 34	2 19	20 37	0 1	22 21	0 34	23 32	0 56	20 33	20 23	20 44			n.a.
T 23	18 9	6 56	5 3	19 15	1 2	24 48	1 33	9 33	0 22	24 9	0 27	3 36	2 19	20 37	0 1	22 21	0 34	23 32	0 56	20 35	20 24	20 43			n.a.
W24	18 24	11 36	4 53	19 57	1 10	24 56	1 35	9 48	0 21	24 10	0 27	3 39	2 19	20 36	0 1	22 21	0 34	23 33	0 56	20 37	20 24	20 43			n.a.
T 25	18 39	15 44	4 26	20 37	1 18	25 3	1 36	10 4	0 21	24 10	0 27	3 41	2 19	20 36	0 1	22 20	0 34	23 33	0 56	20 39	20 25	20 42			n.a.
F 26	18 54	19 0	3 41	21 15	1 25	25 9	1 37	10 20	0 20	24 11	0 27	3 44	2 19	20 35	0 1	22 20	0 34	23 33	0 56	20 41	20 26	20 42			n.a.
S 27	19 8	21 6	2 41	21 50	1 31	25 15	1 38	10 35	0 19	24 11	0 27	3 46	2 19	20 35	0 1	22 20	0 34	23 33	0 56	20 42	20 26	20 41			n.a.
S 28	19 22	21 48	1 31	22 22	1 37	25 20	1 39	10 51	0 19	24 12	0 28	3 49	2 19	20 34	0 1	22 20	0 34	23 34	0 56	20 43	20 27	20 41			n.a.
M29	19 36	21 3	0 16	22 52	1 42	25 24	1 41	11 6	0 18	24 12	0 28	3 51	2 19	20 34	0 1	22 20	0 34	23 34	0 56	20 43	20 28	20 40			n.a.
T 30	19 50	18 56	1n 1	23 20	1 46	25 27	1 41	11 21	0 18	24 13	0 28	3 54	2 20	20 33	0 1	22 19	0 34	23 34	0 56	20 43	20 29	20 40			n.a.
W31	20n 3	15n41	2n12	23n44	1n49	25n30	1n42	11n36	0s17	24n13	0n28	3n56	2s20	20s33	0s 1	22n19	0n34	23n34	0n57	20n43	20n29	20s39			n.a.

Julian Day Number = 1343509.5, Delta T = 07h13m39s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'33, Lahiri = -18°14'33 Julian Calendar 1 May 1035 BCE == Greg. Calendar 21 Apr. 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

JUNE 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 57 16	29♉ 1'47	8♍19	9♊43	28♊41	1♉18	26♊18	15♈19	0°R14	23♋23	12♊26	28°R50	29♋52	28♉41	n.a.	T 1
F 2	16 1 13	29°58'53	22° 6	11°42	29°53	1°59	26°31	15°25	0♐12	23°24	12°28	28♋47	29°49	28°48	n.a.	F 2
S 3	16 5 9	0♊55'58	5♎41	13°38	1♋ 5	2°40	26°43	15°31	0° 9	23°26	12°29	28°43	29°46	28°54	n.a.	S 3
S 4	16 9 6	1°53'04	19° 4	15°33	2°17	3°20	26°56	15°38	0° 7	23°27	12°31	28°37	29°43	29° 1	n.a.	S 4
M 5	16 13 2	2°50'09	2♏15	17°26	3°29	4° 1	27° 8	15°44	0° 4	23°29	12°33	28°28	29°39	29° 7	n.a.	M 5
T 6	16 16 59	3°47'16	15°13	19°17	4°41	4°41	27°21	15°50	0° 2	23°30	12°34	28°19	29°36	29°14	n.a.	T 6
W 7	16 20 55	4°44'22	27°57	21° 6	5°53	5°22	27°34	15°56	29♏59	23°32	12°36	28°10	29°33	29°21	n.a.	W 7
T 8	16 24 52	5°41'29	10♐29	22°53	7° 5	6° 2	27°46	16° 2	29°57	23°34	12°37	28° 1	29°30	29°27	n.a.	T 8
F 9	16 28 48	6°38'37	22°47	24°39	8°17	6°42	27°59	16° 8	29°55	23°35	12°39	27°54	29°27	29°34	n.a.	F 9
S 10	16 32 45	7°35'45	4♑54	26°22	9°28	7°23	28°12	16°14	29°52	23°37	12°41	27°50	29°24	29°41	n.a.	S 10
S 11	16 36 42	8°32'54	16°51	28° 4	10°40	8° 3	28°24	16°20	29°50	23°38	12°42	27°47	29°20	29°47	n.a.	S 11
M12	16 40 38	9°30'04	28°41	29°43	11°52	8°43	28°37	16°26	29°47	23°40	12°44	27°D46	29°17	29°54	n.a.	M12
T 13	16 44 35	10°27'14	10♒28	1♋21	13° 4	9°23	28°50	16°32	29°45	23°42	12°45	27°47	29°14	0♒ 1	n.a.	T 13
W14	16 48 31	11°24'26	22°17	2°57	14°15	10° 3	29° 3	16°37	29°43	23°44	12°47	27°48	29°11	0° 7	n.a.	W14
T 15	16 52 28	12°21'38	4♓13	4°31	15°27	10°43	29°16	16°43	29°40	23°45	12°49	27°50	29° 8	0°14	n.a.	T 15
F 16	16 56 24	13°18'51	16°19	6° 4	16°39	11°23	29°28	16°48	29°38	23°47	12°50	27°R50	29° 5	0°21	n.a.	F 16
S 17	17 0 21	14°16'06	28°43	7°34	17°50	12° 3	29°41	16°54	29°36	23°49	12°52	27°49	29° 1	0°27	n.a.	S 17
S 18	17 4 18	15°13'21	11♈27	9° 2	19° 2	12°43	29°54	16°59	29°33	23°51	12°54	27°46	28°58	0°34	n.a.	S 18
M19	17 8 14	16°10'38	24°36	10°29	20°13	13°23	0♋ 7	17° 5	29°31	23°53	12°55	27°41	28°55	0°40	n.a.	M19
T 20	17 12 11	17° 7'55	8♉12	11°53	21°24	14° 3	0°20	17°10	29°29	23°54	12°57	27°36	28°52	0°47	n.a.	T 20
W21	17 16 7	18° 5'14	22°13	13°16	22°36	14°42	0°33	17°15	29°27	23°56	12°58	27°30	28°49	0°54	n.a.	W21
T 22	17 20 4	19° 2'34	6♊37	14°36	23°47	15°22	0°46	17°20	29°24	23°58	13° 0	27°24	28°45	1° 0	n.a.	T 22
F 23	17 24 0	19°59'55	21°19	15°55	24°59	16° 2	0°59	17°25	29°22	24° 0	13° 2	27°19	28°42	1° 7	n.a.	F 23
S 24	17 27 57	20°57'17	6♋10	17°11	26°10	16°41	1°12	17°30	29°20	24° 2	13° 3	27°16	28°39	1°14	n.a.	S 24
S 25	17 31 53	21°54'41	21° 4	18°25	27°21	17°21	1°25	17°35	29°18	24° 4	13° 5	27°D14	28°36	1°20	n.a.	S 25
M26	17 35 50	22°52'04	5♌52	19°37	28°32	18° 0	1°39	17°40	29°16	24° 6	13° 6	27°15	28°33	1°27	n.a.	M26
T 27	17 39 47	23°49'29	20°29	20°47	29°43	18°39	1°52	17°44	29°13	24° 8	13° 8	27°16	28°30	1°34	n.a.	T 27
W28	17 43 43	24°46'55	4♍50	21°54	0♌54	19°19	2° 5	17°49	29°11	24°10	13°10	27°17	28°26	1°40	n.a.	W28
T 29	17 47 40	25°44'21	18°52	22°58	2° 5	19°58	2°18	17°53	29° 9	24°12	13°11	27°18	28°23	1°47	n.a.	T 29
F 30	17 51 36	26♊41'48	2♎36	24♋ 1	3♌16	20♉37	2♋31	17♈58	29♏ 7	24♋14	13♊13	27°R18	28♋20	1♒54	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n15	11n35	3n15	24n 6	1n52	25n32	1n43	11n51	0s16	24n14	0n28	3n59	2s20	20s32	0s 1	22n19	0n34	23n35	0n57	20n43	20n30	20s39		n.a.
F 2	20 28	6 56	4 6	24 26	1 54	25 33	1 44	12 6	0 16	24 14	0 28	4 1	2 20	20 32	0 1	22 19	0 34	23 35	0 57	20 44	20 31	20 38		n.a.
S 3	20 40	2 0	4 41	24 43	1 56	25 33	1 45	12 21	0 15	24 14	0 28	4 3	2 20	20 31	0 1	22 18	0 34	23 35	0 57	20 44	20 31	20 38		n.a.
S 4	20 52	2s56	5 1	24 57	1 57	25 33	1 45	12 36	0 14	24 15	0 28	4 6	2 20	20 31	0 1	22 18	0 34	23 35	0 57	20 46	20 32	20 37		n.a.
M 5	21 3	7 41	5 5	25 9	1 57	25 32	1 46	12 50	0 14	24 15	0 28	4 8	2 20	20 30	0 1	22 18	0 34	23 36	0 57	20 48	20 33	20 37		n.a.
T 6	21 14	12 0	4 53	25 18	1 56	25 30	1 46	13 5	0 13	24 16	0 28	4 10	2 21	20 30	0 1	22 17	0 34	23 36	0 57	20 49	20 33	20 36		n.a.
W 7	21 25	15 42	4 26	25 26	1 55	25 27	1 47	13 19	0 13	24 16	0 28	4 12	2 21	20 29	0 1	22 17	0 34	23 36	0 57	20 51	20 34	20 35		n.a.
T 8	21 36	18 38	3 46	25 31	1 54	25 24	1 47	13 33	0 12	24 16	0 28	4 15	2 21	20 29	0 1	22 17	0 34	23 37	0 57	20 53	20 35	20 35		n.a.
F 9	21 46	20 40	2 57	25 34	1 51	25 20	1 47	13 47	0 11	24 16	0 28	4 17	2 21	20 28	0 1	22 17	0 34	23 37	0 57	20 54	20 35	20 34		n.a.
S 10	21 55	21 43	2 0	25 34	1 48	25 15	1 47	14 1	0 11	24 17	0 28	4 19	2 21	20 28	0 1	22 16	0 34	23 37	0 57	20 55	20 36	20 34		n.a.
S 11	22 5	21 46	0 59	25 33	1 45	25 10	1 47	14 15	0 10	24 17	0 28	4 21	2 21	20 27	0 1	22 16	0 34	23 37	0 57	20 56	20 37	20 33		n.a.
M12	22 13	20 50	0s 5	25 30	1 41	25 3	1 47	14 29	0 9	24 17	0 29	4 23	2 22	20 27	0 1	22 16	0 34	23 38	0 57	20 56	20 37	20 33		n.a.
T 13	22 22	18 59	1 8	25 25	1 37	24 56	1 47	14 43	0 9	24 17	0 29	4 25	2 22	20 26	0 1	22 15	0 34	23 38	0 57	20 56	20 38	20 32		n.a.
W14	22 30	16 20	2 9	25 19	1 32	24 49	1 47	14 56	0 8	24 18	0 29	4 27	2 22	20 26	0 1	22 15	0 34	23 38	0 57	20 56	20 39	20 32		n.a.
T 15	22 38	12 59	3 5	25 11	1 27	24 40	1 47	15 9	0 7	24 18	0 29	4 29	2 22	20 25	0 1	22 15	0 34	23 39	0 57	20 55	20 39	20 31		n.a.
F 16	22 45	9 3	3 53	25 1	1 21	24 31	1 46	15 23	0 7	24 18	0 29	4 31	2 22	20 25	0 1	22 15	0 34	23 39	0 58	20 55	20 40	20 30		n.a.
S 17	22 52	4 39	4 32	24 50	1 14	24 21	1 46	15 36	0 6	24 18	0 29	4 33	2 22	20 24	0 1	22 14	0 34	23 39	0 58	20 56	20 41	20 30		n.a.
S 18	22 59	0n 2	4 58	24 38	1 8	24 11	1 45	15 49	0 5	24 18	0 29	4 35	2 23	20 24	0 1	22 14	0 34	23 39	0 58	20 56	20 41	20 29		n.a.
M19	23 5	4 53	5 10	24 24	1 1	23 59	1 45	16 2	0 5	24 18	0 29	4 37	2 23	20 23	0 1	22 14	0 34	23 40	0 58	20 57	20 42	20 29		n.a.
T 20	23 11	9 39	5 5	24 9	0 53	23 48	1 44	16 14	0 4	24 18	0 29	4 39	2 23	20 23	0 1	22 13	0 34	23 40	0 58	20 58	20 43	20 28		n.a.
W21	23 16	14 4	4 42	23 54	0 45	23 35	1 43	16 27	0 3	24 18	0 29	4 41	2 23	20 22	0 1	22 13	0 34	23 40	0 58	20 59	20 43	20 27		n.a.
T 22	23 21	17 48	4 1	23 37	0 37	23 22	1 42	16 39	0 3	24 18	0 29	4 42	2 23	20 22	0 1	22 13	0 34	23 40	0 58	21 1	20 44	20 27		n.a.
F 23	23 26	20 29	3 3	23 19	0 28	23 8	1 41	16 52	0 2	24 18	0 29	4 44	2 24	20 21	0 1	22 12	0 34	23 41	0 58	21 2	20 45	20 26		n.a.
S 24	23 30	21 48	1 53	23 1	0 19	22 53	1 40	17 4	0 1	24 18	0 29	4 46	2 24	20 21	0 1	22 12	0 34	23 41	0 58	21 2	20 45	20 26		n.a.
S 25	23 34	21 35	0 34	22 42	0 10	22 38	1 39	17 16	0 1	24 18	0 30	4 48	2 24	20 20	0 1	22 12	0 34	23 41	0 58	21 2	20 46	20 25		n.a.
M26	23 37	19 52	0n47	22 22	0 0	22 22	1 38	17 28	0 0	24 18	0 30	4 49	2 24	20 20	0 1	22 11	0 34	23 42	0 58	21 2	20 47	20 24		n.a.
T 27	23 40	16 51	2 4	22 2	0s10	22 6	1 36	17 39	0n 1	24 18	0 30	4 51	2 24	20 19	0 1	22 11	0 34	23 42	0 58	21 2	20 47	20 24		n.a.
W28	23 43	12 51	3 11	21 41	0 20	21 49	1 35	17 51	0 1	24 18	0 30	4 53	2 25	20 19	0 1	22 11	0 34	23 42	0 58	21 2	20 48	20 23		n.a.
T 29	23 45	8 14	4 6	21 20	0 30	21 31	1 34	18 3	0 2	24 18	0 30	4 54	2 25	20 18	0 1	22 10	0 34	23 42	0 58	21 2	20 49	20 22		n.a.
F 30	23n46	3n18	4n45	20n59	0s41	21n13	1n32	18n14	0n 3	24n18	0n30	4n56	2s25	20s18	0s 1	22n10	0n34	23n43	0n58	21n 2	20n49	20s22		n.a.

Julian Day Number = 1343540.5, Delta T = 07h13m37s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'29, Lahiri = -18°14'29 Julian Calendar 1 June 1035 BCE == Greg. Calendar 22 May 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

JULY 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 55 33	27♊39'17	16♎ 2	25♋ 0	4♌27	21♉16	2♋44	18♈ 2	29°R 5	24♋16	13♊14	27°R17	28♋17	2♒ 0	n.a.	S 1
S 2	17 59 29	28°36'46	29°11	25°56	5°38	21°55	2°57	18° 7	29♏ 3	24°18	13°16	27♋14	28°14	2° 7	n.a.	S 2
M 3	18 3 26	29°34'16	12♏ 5	26°50	6°49	22°34	3°11	18°11	29° 1	24°20	13°18	27°11	28°11	2°14	n.a.	M 3
T 4	18 7 22	0♋31'47	24°44	27°40	7°59	23°13	3°24	18°15	28°59	24°22	13°19	27° 7	28° 7	2°20	n.a.	T 4
W 5	18 11 19	1°29'20	7♐10	28°27	9°10	23°52	3°37	18°19	28°57	24°24	13°21	27° 2	28° 4	2°27	n.a.	W 5
T 6	18 15 16	2°26'54	19°26	29°11	10°21	24°31	3°50	18°23	28°55	24°26	13°22	26°59	28° 1	2°33	n.a.	T 6
F 7	18 19 12	3°24'29	1♑31	29°51	11°31	25°10	4° 3	18°27	28°53	24°28	13°24	26°56	27°58	2°40	n.a.	F 7
S 8	18 23 9	4°22'05	13°29	0♌27	12°42	25°49	4°16	18°30	28°52	24°30	13°25	26°54	27°55	2°47	n.a.	S 8
S 9	18 27 5	5°19'43	25°20	1° 0	13°52	26°27	4°30	18°34	28°50	24°33	13°27	26°D53	27°51	2°53	n.a.	S 9
M10	18 31 2	6°17'23	7♒ 8	1°28	15° 2	27° 6	4°43	18°38	28°48	24°35	13°28	26°54	27°48	3° 0	n.a.	M10
T 11	18 34 58	7°15'04	18°55	1°51	16°12	27°45	4°56	18°41	28°46	24°37	13°30	26°55	27°45	3° 7	n.a.	T 11
W12	18 38 55	8°12'47	0♓45	2°10	17°23	28°23	5° 9	18°44	28°45	24°39	13°31	26°56	27°42	3°13	n.a.	W12
T 13	18 42 51	9°10'31	12°41	2°24	18°33	29° 2	5°22	18°48	28°43	24°41	13°33	26°58	27°39	3°20	n.a.	T 13
F 14	18 46 48	10° 8'18	24°48	2°32	19°43	29°40	5°35	18°51	28°41	24°43	13°34	26°59	27°36	3°27	n.a.	F 14
S 15	18 50 45	11° 6'06	7♈10	2°R35	20°53	0♊19	5°48	18°54	28°40	24°45	13°36	26°R59	27°32	3°33	n.a.	S 15
S 16	18 54 41	12° 3'56	19°52	2°33	22° 3	0°57	6° 2	18°57	28°38	24°48	13°37	26°59	27°29	3°40	n.a.	S 16
M17	18 58 38	13° 1'48	2♉57	2°25	23°12	1°35	6°15	19° 0	28°37	24°50	13°39	26°58	27°26	3°47	n.a.	M17
T 18	19 2 34	13°59'42	16°28	2°11	24°22	2°13	6°28	19° 3	28°35	24°52	13°40	26°57	27°23	3°53	n.a.	T 18
W19	19 6 31	14°57'38	0♊26	1°51	25°32	2°51	6°41	19° 5	28°34	24°54	13°42	26°56	27°20	4° 0	n.a.	W19
T 20	19 10 27	15°55'35	14°50	1°25	26°41	3°30	6°54	19° 8	28°32	24°56	13°43	26°54	27°16	4° 7	n.a.	T 20
F 21	19 14 24	16°53'35	29°36	0°54	27°51	4° 8	7° 7	19°10	28°31	24°59	13°44	26°53	27°13	4°13	n.a.	F 21
S 22	19 18 20	17°51'37	14♋38	0°17	29° 0	4°46	7°20	19°13	28°30	25° 1	13°46	26°53	27°10	4°20	n.a.	S 22
S 23	19 22 17	18°49'41	29°47	29♋35	0♍10	5°24	7°33	19°15	28°28	25° 3	13°47	26°D53	27° 7	4°26	n.a.	S 23
M24	19 26 14	19°47'46	14♌53	28°48	1°19	6° 1	7°46	19°17	28°27	25° 5	13°49	26°53	27° 4	4°33	n.a.	M24
T 25	19 30 10	20°45'52	29°49	27°57	2°28	6°39	7°59	19°19	28°26	25° 8	13°50	26°53	27° 1	4°40	n.a.	T 25
W26	19 34 7	21°44'01	14♍27	27° 3	3°37	7°17	8°12	19°21	28°25	25°10	13°51	26°54	26°57	4°46	n.a.	W26
T 27	19 38 3	22°42'11	28°42	26° 6	4°46	7°55	8°25	19°23	28°24	25°12	13°53	26°54	26°54	4°53	n.a.	T 27
F 28	19 42 0	23°40'22	12♎33	25° 9	5°55	8°32	8°38	19°25	28°23	25°14	13°54	26°54	26°51	5° 0	n.a.	F 28
S 29	19 45 56	24°38'35	25°59	24°11	7° 4	9°10	8°51	19°27	28°22	25°16	13°55	26°R54	26°48	5° 6	n.a.	S 29
S 30	19 49 53	25°36'50	9♏ 3	23°15	8°13	9°47	9° 4	19°28	28°21	25°19	13°56	26°54	26°45	5°13	n.a.	S 30
M31	19 53 49	26♋35'06	21♏47	22♋21	9♍21	10♊25	9♋17	19♈30	28♏20	25♋21	13♊58	26°D54	26♋42	5♒20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	1s41	5n 8	20n37	0s52	20n55	1n30	18n25	0n 3	24n17	0n30	4n57	2s25	20s18	0s 1	22n 9	0n34	23n43	0n59	21n 2	20n50	20s21		n.a.
S 2	23 49	6 29	5 13	20 16	1 3	20 35	1 28	18 36	0 4	24 17	0 30	4 59	2 25	20 17	0 1	22 9	0 34	23 43	0 59	21 2	20 51	20 20		n.a.
M 3	23 49	10 54	5 3	19 54	1 14	20 15	1 27	18 47	0 5	24 17	0 30	5 0	2 26	20 17	0 1	22 9	0 34	23 43	0 59	21 3	20 51	20 20		n.a.
T 4	23 49	14 45	4 38	19 33	1 26	19 55	1 25	18 58	0 5	24 17	0 30	5 1	2 26	20 16	0 1	22 8	0 34	23 44	0 59	21 4	20 52	20 19		n.a.
W 5	23 49	17 54	4 0	19 12	1 38	19 34	1 23	19 8	0 6	24 16	0 30	5 3	2 26	20 16	0 1	22 8	0 34	23 44	0 59	21 5	20 52	20 18		n.a.
T 6	23 48	20 12	3 12	18 52	1 49	19 13	1 21	19 18	0 7	24 16	0 31	5 4	2 26	20 15	0 1	22 8	0 34	23 44	0 59	21 6	20 53	20 18		n.a.
F 7	23 46	21 33	2 15	18 32	2 1	18 51	1 18	19 29	0 7	24 16	0 31	5 5	2 26	20 15	0 1	22 7	0 34	23 44	0 59	21 6	20 54	20 17		n.a.
S 8	23 45	21 54	1 13	18 12	2 13	18 29	1 16	19 39	0 8	24 16	0 31	5 6	2 27	20 15	0 1	22 7	0 34	23 45	0 59	21 6	20 54	20 16		n.a.
S 9	23 42	21 16	0 9	17 54	2 25	18 6	1 14	19 49	0 9	24 15	0 31	5 8	2 27	20 14	0 1	22 6	0 34	23 45	0 59	21 7	20 55	20 16		n.a.
M10	23 40	19 41	0s56	17 36	2 37	17 43	1 11	19 59	0 10	24 15	0 31	5 9	2 27	20 14	0 1	22 6	0 34	23 45	0 59	21 7	20 56	20 15		n.a.
T 11	23 37	17 16	1 59	17 20	2 48	17 19	1 9	20 8	0 10	24 14	0 31	5 10	2 27	20 13	0 1	22 6	0 34	23 46	0 59	21 6	20 56	20 14		n.a.
W12	23 33	14 7	2 57	17 4	3 0	16 55	1 6	20 18	0 11	24 14	0 31	5 11	2 28	20 13	0 2	22 5	0 34	23 46	0 59	21 6	20 57	20 14		n.a.
T 13	23 30	10 23	3 47	16 50	3 11	16 30	1 3	20 27	0 12	24 14	0 31	5 12	2 28	20 13	0 2	22 5	0 34	23 46	0 59	21 6	20 58	20 13		n.a.
F 14	23 25	6 11	4 28	16 38	3 22	16 5	1 0	20 36	0 12	24 13	0 31	5 13	2 28	20 12	0 2	22 5	0 34	23 46	0 59	21 6	20 58	20 12		n.a.
S 15	23 21	1 40	4 58	16 27	3 33	15 40	0 58	20 45	0 13	24 13	0 31	5 14	2 28	20 12	0 2	22 4	0 34	23 47	1 0	21 5	20 59	20 11		n.a.
S 16	23 16	3n 2	5 15	16 17	3 42	15 14	0 55	20 54	0 14	24 12	0 32	5 15	2 29	20 12	0 2	22 4	0 34	23 47	1 0	21 5	21 0	20 11		n.a.
M17	23 10	7 45	5 15	16 10	3 52	14 48	0 52	21 3	0 15	24 12	0 32	5 16	2 29	20 11	0 2	22 3	0 34	23 47	1 0	21 6	21 0	20 10		n.a.
T 18	23 4	12 15	4 59	16 5	4 0	14 22	0 48	21 11	0 15	24 11	0 32	5 17	2 29	20 11	0 2	22 3	0 34	23 47	1 0	21 6	21 1	20 9		n.a.
W19	22 58	16 15	4 25	16 2	4 8	13 55	0 45	21 19	0 16	24 11	0 32	5 17	2 29	20 11	0 2	22 3	0 34	23 48	1 0	21 6	21 1	20 8		n.a.
T 20	22 51	19 25	3 33	16 1	4 14	13 28	0 42	21 28	0 17	24 10	0 32	5 18	2 30	20 10	0 2	22 2	0 34	23 48	1 0	21 6	21 2	20 8		n.a.
F 21	22 44	21 23	2 26	16 3	4 20	13 1	0 39	21 36	0 18	24 9	0 32	5 19	2 30	20 10	0 2	22 2	0 34	23 48	1 0	21 7	21 3	20 7		n.a.
S 22	22 36	21 53	1 7	16 7	4 23	12 33	0 35	21 43	0 18	24 9	0 32	5 20	2 30	20 10	0 2	22 1	0 34	23 48	1 0	21 7	21 3	20 6		n.a.
S 23	22 28	20 47	0n16	16 14	4 26	12 5	0 32	21 51	0 19	24 8	0 32	5 20	2 30	20 10	0 2	22 1	0 34	23 49	1 0	21 7	21 4	20 5		n.a.
M24	22 20	18 11	1 38	16 23	4 26	11 37	0 28	21 59	0 20	24 7	0 32	5 21	2 31	20 9	0 2	22 1	0 34	23 49	1 0	21 7	21 5	20 5		n.a.
T 25	22 11	14 24	2 53	16 34	4 25	11 8	0 24	22 6	0 20	24 7	0 32	5 21	2 31	20 9	0 2	22 0	0 34	23 49	1 0	21 7	21 5	20 4		n.a.
W26	22 2	9 49	3 55	16 48	4 22	10 39	0 21	22 13	0 21	24 6	0 33	5 22	2 31	20 9	0 2	22 0	0 34	23 49	1 0	21 7	21 6	20 3		n.a.
T 27	21 52	4 48	4 40	17 3	4 17	10 10	0 17	22 20	0 22	24 5	0 33	5 22	2 31	20 9	0 2	21 59	0 34	23 50	1 0	21 6	21 6	20 2		n.a.
F 28	21 42	0s19	5 8	17 21	4 10	9 41	0 13	22 27	0 23	24 5	0 33	5 23	2 32	20 8	0 2	21 59	0 34	23 50	1 1	21 6	21 7	20 2		n.a.
S 29	21 32	5 16	5 18	17 40	4 1	9 12	0 9	22 34	0 23	24 4	0 33	5 23	2 32	20 8	0 2	21 59	0 34	23 50	1 1	21 6	21 8	20 1		n.a.
S 30	21 21	9 50	5 11	18 0	3 50	8 42	0 5	22 40	0 24	24 3	0 33	5 24	2 32	20 8	0 2	21 58	0 34	23 50	1 1	21 6	21 8	20 0		n.a.
M31	21n10	13s51	4n49	18n21	3s38	8n12	0n 1	22n46	0n25	24n 2	0n33	5n24	2s32	20s 8	0s 2	21n58	0n34	23n51	1n 1	21n 6	21n 9	19s59		n.a.

Julian Day Number = 1343570.5, Delta T = 07h13m36s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'25, Lahiri = -18°14'25 Julian Calendar 1 July 1035 BCE == Greg. Calendar 21 June 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

AUGUST 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 46	27♋33'24	4♐14	21°R31	10♍30	11♊ 2	9♋30	19♈31	28°R19	25♋23	13♊59	26♋54	26♋38	5♒26	n.a.	T 1
W 2	20 1 43	28°31'44	16°28	20♋46	11°38	11°39	9°43	19°32	28♏18	25°25	14° 0	26°55	26°35	5°33	n.a.	W 2
T 3	20 5 39	29°30'06	28°31	20° 7	12°46	12°17	9°55	19°33	28°17	25°28	14° 1	26°55	26°32	5°40	n.a.	T 3
F 4	20 9 36	0♌28'29	10♑26	19°35	13°54	12°54	10° 8	19°34	28°17	25°30	14° 3	26°55	26°29	5°46	n.a.	F 4
S 5	20 13 32	1°26'55	22°17	19°12	15° 2	13°31	10°21	19°35	28°16	25°32	14° 4	26°R55	26°26	5°53	n.a.	S 5
S 6	20 17 29	2°25'22	4♒ 5	18°56	16°10	14° 8	10°33	19°36	28°15	25°34	14° 5	26°55	26°22	6° 0	n.a.	S 6
M 7	20 21 25	3°23'52	15°53	18°D50	17°18	14°45	10°46	19°37	28°15	25°36	14° 6	26°55	26°19	6° 6	n.a.	M 7
T 8	20 25 22	4°22'23	27°43	18°53	18°25	15°22	10°59	19°37	28°14	25°39	14° 7	26°54	26°16	6°13	n.a.	T 8
W 9	20 29 18	5°20'57	9♓37	19° 5	19°33	15°59	11°11	19°38	28°14	25°41	14° 8	26°53	26°13	6°19	n.a.	W 9
T 10	20 33 15	6°19'32	21°38	19°26	20°40	16°36	11°24	19°38	28°13	25°43	14° 9	26°52	26°10	6°26	n.a.	T 10
F 11	20 37 12	7°18'10	3♈49	19°57	21°47	17°12	11°36	19°38	28°13	25°45	14°10	26°50	26° 7	6°33	n.a.	F 11
S 12	20 41 8	8°16'51	16°13	20°36	22°54	17°49	11°49	19°38	28°13	25°47	14°12	26°49	26° 3	6°39	n.a.	S 12
S 13	20 45 5	9°15'33	28°54	21°24	24° 1	18°26	12° 1	19°R38	28°12	25°50	14°13	26°49	26° 0	6°46	n.a.	S 13
M14	20 49 1	10°14'18	11♉54	22°20	25° 8	19° 2	12°14	19°38	28°12	25°52	14°14	26°D48	25°57	6°53	n.a.	M14
T 15	20 52 58	11°13'06	25°17	23°23	26°15	19°39	12°26	19°38	28°12	25°54	14°15	26°49	25°54	6°59	n.a.	T 15
W16	20 56 54	12°11'56	9♊ 4	24°34	27°21	20°15	12°38	19°38	28°12	25°56	14°16	26°50	25°51	7° 6	n.a.	W16
T 17	21 0 51	13°10'48	23°17	25°50	28°27	20°51	12°50	19°37	28°12	25°58	14°17	26°51	25°48	7°13	n.a.	T 17
F 18	21 4 47	14° 9'43	7♋54	27°12	29°34	21°28	13° 2	19°37	28°D12	26° 0	14°17	26°52	25°44	7°19	n.a.	F 18
S 19	21 8 44	15° 8'41	22°50	28°38	0♎40	22° 4	13°15	19°36	28°12	26° 3	14°18	26°R52	25°41	7°26	n.a.	S 19
S 20	21 12 40	16° 7'40	7♌58	0♌ 9	1°45	22°40	13°27	19°35	28°12	26° 5	14°19	26°52	25°38	7°33	n.a.	S 20
M21	21 16 37	17° 6'42	23°11	1°44	2°51	23°16	13°39	19°34	28°12	26° 7	14°20	26°51	25°35	7°39	n.a.	M21
T 22	21 20 34	18° 5'45	8♍17	3°21	3°56	23°52	13°51	19°33	28°12	26° 9	14°21	26°49	25°32	7°46	n.a.	T 22
W23	21 24 30	19° 4'51	23° 7	5° 1	5° 2	24°28	14° 3	19°32	28°12	26°11	14°22	26°46	25°28	7°53	n.a.	W23
T 24	21 28 27	20° 3'59	7♎36	6°44	6° 7	25° 4	14°14	19°31	28°13	26°13	14°23	26°43	25°25	7°59	n.a.	T 24
F 25	21 32 23	21° 3'08	21°37	8°28	7°12	25°40	14°26	19°30	28°13	26°15	14°23	26°40	25°22	8° 6	n.a.	F 25
S 26	21 36 20	22° 2'20	5♏11	10°13	8°16	26°15	14°38	19°28	28°13	26°17	14°24	26°38	25°19	8°13	n.a.	S 26
S 27	21 40 16	23° 1'34	18°17	11°59	9°21	26°51	14°49	19°27	28°14	26°19	14°25	26°D37	25°16	8°19	n.a.	S 27
M28	21 44 13	24° 0'49	1♐ 0	13°46	10°25	27°26	15° 1	19°25	28°14	26°21	14°26	26°37	25°13	8°26	n.a.	M28
T 29	21 48 9	25° 0'06	13°22	15°33	11°29	28° 2	15°13	19°23	28°15	26°23	14°26	26°38	25° 9	8°32	n.a.	T 29
W30	21 52 6	25°59'26	25°30	17°20	12°33	28°37	15°24	19°22	28°15	26°25	14°27	26°40	25° 6	8°39	n.a.	W30
T 31	21 56 2	26♌58'47	7♑26	19♌ 7	13♎36	29♊12	15♋35	19♈20	28♏16	26♋27	14♊28	26♋41	25♋ 3	8♒46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n59	17s11	4n13	18n43	3s24	7n42	0s 3	22n53	0n26	24n 1	0n33	5n24	2s33	20s 8	0s 2	21n57	0n34	23n51	1n 1	21n 6	21n10	19s58		n.a.
W 2	20 47	19 41	3 27	19 5	3 8	7 12	0 7	22 59	0 27	24 1	0 33	5 25	2 33	20 7	0 2	21 57	0 34	23 51	1 1	21 6	21 10	19 58		n.a.
T 3	20 35	21 17	2 32	19 27	2 51	6 42	0 11	23 4	0 27	24 0	0 34	5 25	2 33	20 7	0 2	21 57	0 34	23 51	1 1	21 6	21 11	19 57		n.a.
F 4	20 22	21 54	1 30	19 49	2 34	6 11	0 16	23 10	0 28	23 59	0 34	5 25	2 33	20 7	0 2	21 56	0 34	23 51	1 1	21 6	21 11	19 56		n.a.
S 5	20 9	21 31	0 26	20 11	2 16	5 41	0 20	23 16	0 29	23 58	0 34	5 25	2 34	20 7	0 2	21 56	0 34	23 52	1 1	21 6	21 12	19 55		n.a.
S 6	19 56	20 11	0s40	20 31	1 57	5 10	0 25	23 21	0 30	23 57	0 34	5 25	2 34	20 7	0 2	21 55	0 34	23 52	1 1	21 6	21 13	19 54		n.a.
M 7	19 42	17 58	1 43	20 51	1 38	4 39	0 29	23 26	0 30	23 56	0 34	5 25	2 34	20 7	0 2	21 55	0 34	23 52	1 1	21 6	21 13	19 53		n.a.
T 8	19 28	15 0	2 43	21 9	1 20	4 8	0 33	23 31	0 31	23 55	0 34	5 25	2 34	20 7	0 2	21 55	0 34	23 52	1 1	21 6	21 14	19 53		n.a.
W 9	19 14	11 24	3 36	21 25	1 2	3 37	0 38	23 36	0 32	23 54	0 34	5 25	2 35	20 6	0 2	21 54	0 34	23 53	1 2	21 7	21 14	19 52		n.a.
T 10	18 59	7 19	4 19	21 40	0 44	3 6	0 43	23 40	0 33	23 53	0 34	5 25	2 35	20 6	0 2	21 54	0 34	23 53	1 2	21 7	21 15	19 51		n.a.
F 11	18 44	2 55	4 52	21 52	0 27	2 35	0 47	23 45	0 34	23 52	0 35	5 25	2 35	20 6	0 2	21 53	0 34	23 53	1 2	21 7	21 16	19 50		n.a.
S 12	18 29	1n41	5 12	22 3	0 10	2 4	0 52	23 49	0 34	23 52	0 35	5 25	2 35	20 6	0 2	21 53	0 34	23 53	1 2	21 7	21 16	19 49		n.a.
S 13	18 13	6 19	5 17	22 10	0n 5	1 33	0 57	23 53	0 35	23 51	0 35	5 24	2 36	20 6	0 2	21 53	0 34	23 53	1 2	21 8	21 17	19 48		n.a.
M14	17 57	10 47	5 6	22 16	0 20	1 1	1 1	23 57	0 36	23 49	0 35	5 24	2 36	20 6	0 2	21 52	0 34	23 54	1 2	21 8	21 17	19 47		n.a.
T 15	17 41	14 52	4 39	22 18	0 33	0 30	1 6	24 1	0 37	23 48	0 35	5 24	2 36	20 6	0 2	21 52	0 34	23 54	1 2	21 8	21 18	19 47		n.a.
W16	17 24	18 17	3 55	22 18	0 46	0s 1	1 11	24 5	0 38	23 47	0 35	5 23	2 36	20 6	0 2	21 51	0 34	23 54	1 2	21 7	21 19	19 46		n.a.
T 17	17 8	20 43	2 55	22 15	0 57	0 32	1 16	24 8	0 38	23 46	0 35	5 23	2 37	20 6	0 2	21 51	0 34	23 54	1 2	21 7	21 19	19 45		n.a.
F 18	16 50	21 52	1 43	22 9	1 7	1 3	1 21	24 11	0 39	23 45	0 36	5 23	2 37	20 6	0 2	21 51	0 34	23 54	1 2	21 7	21 20	19 44		n.a.
S 19	16 33	21 29	0 22	22 0	1 17	1 34	1 26	24 14	0 40	23 44	0 36	5 22	2 37	20 6	0 2	21 50	0 34	23 55	1 2	21 7	21 20	19 43		n.a.
S 20	16 15	19 33	1n 1	21 49	1 25	2 6	1 31	24 17	0 41	23 43	0 36	5 22	2 37	20 6	0 2	21 50	0 34	23 55	1 3	21 7	21 21	19 42		n.a.
M21	15 57	16 13	2 20	21 34	1 31	2 37	1 36	24 20	0 42	23 42	0 36	5 21	2 38	20 6	0 2	21 49	0 34	23 55	1 3	21 7	21 22	19 41		n.a.
T 22	15 39	11 49	3 29	21 17	1 37	3 8	1 41	24 23	0 42	23 41	0 36	5 20	2 38	20 6	0 2	21 49	0 35	23 55	1 3	21 8	21 22	19 40		n.a.
W23	15 20	6 47	4 23	20 58	1 42	3 38	1 46	24 25	0 43	23 40	0 36	5 20	2 38	20 6	0 2	21 49	0 35	23 55	1 3	21 8	21 23	19 39		n.a.
T 24	15 1	1 29	4 58	20 36	1 46	4 9	1 51	24 28	0 44	23 39	0 36	5 19	2 38	20 6	0 2	21 48	0 35	23 56	1 3	21 9	21 23	19 38		n.a.
F 25	14 42	3s43	5 14	20 11	1 49	4 40	1 56	24 30	0 45	23 38	0 37	5 18	2 38	20 6	0 2	21 48	0 35	23 56	1 3	21 9	21 24	19 38		n.a.
S 26	14 23	8 34	5 11	19 45	1 51	5 10	2 1	24 32	0 46	23 36	0 37	5 18	2 39	20 6	0 2	21 48	0 35	23 56	1 3	21 10	21 25	19 37		n.a.
S 27	14 3	12 51	4 53	19 16	1 52	5 41	2 6	24 33	0 47	23 35	0 37	5 17	2 39	20 7	0 2	21 47	0 35	23 56	1 3	21 10	21 25	19 36		n.a.
M28	13 44	16 26	4 20	18 46	1 53	6 11	2 11	24 35	0 48	23 34	0 37	5 16	2 39	20 7	0 2	21 47	0 35	23 56	1 3	21 10	21 26	19 35		n.a.
T 29	13 24	19 11	3 36	18 13	1 53	6 41	2 16	24 37	0 48	23 33	0 37	5 15	2 39	20 7	0 2	21 46	0 35	23 57	1 3	21 10	21 26	19 34		n.a.
W30	13 3	21 1	2 43	17 40	1 52	7 11	2 21	24 38	0 49	23 32	0 37	5 14	2 40	20 7	0 2	21 46	0 35	23 57	1 3	21 9	21 27	19 33		n.a.
T 31	12n43	21s53	1n44	17n 5	1n51	7s41	2s26	24n39	0n50	23n31	0n37	5n13	2s40	20s 7	0s 2	21n46	0n35	23n57	1n 4	21n 9	21n28	19s32		n.a.

Julian Day Number = 1343601.5, Delta T = 07h13m34s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'21, Lahiri = -18°14'20 Julian Calendar 1 Aug. 1035 BCE == Greg. Calendar 22 July 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

SEPTEMBER 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 59 59	27♌58'10	19♉16	20♌54	14♎39	29♊48	15♋47	19°R18	28♏17	26♋29	14♊28	26♋43	25♋ 0	8♒52	n.a.	F 1
S 2	22 3 56	28°57'35	1♒ 3	22°41	15°42	0♋23	15°58	19♈15	28°17	26°31	14°29	26°R43	24°57	8°59	n.a.	S 2
S 3	22 7 52	29°57'02	12°51	24°28	16°45	0°58	16° 9	19°13	28°18	26°33	14°29	26°41	24°54	9° 6	n.a.	S 3
M 4	22 11 49	0♍56'32	24°42	26°14	17°47	1°33	16°20	19°11	28°19	26°35	14°30	26°38	24°50	9°12	n.a.	M 4
T 5	22 15 45	1°56'03	6♓39	27°59	18°49	2° 8	16°31	19° 8	28°20	26°37	14°31	26°34	24°47	9°19	n.a.	T 5
W 6	22 19 42	2°55'37	18°42	29°44	19°51	2°43	16°42	19° 6	28°21	26°39	14°31	26°28	24°44	9°26	n.a.	W 6
T 7	22 23 38	3°55'12	0♈54	1♍28	20°53	3°17	16°53	19° 3	28°22	26°41	14°31	26°21	24°41	9°32	n.a.	T 7
F 8	22 27 35	4°54'50	13°16	3°12	21°54	3°52	17° 4	19° 0	28°23	26°43	14°32	26°14	24°38	9°39	n.a.	F 8
S 9	22 31 31	5°54'31	25°49	4°55	22°55	4°26	17°14	18°58	28°24	26°44	14°32	26° 7	24°34	9°46	n.a.	S 9
S 10	22 35 28	6°54'13	8♉35	6°38	23°55	5° 1	17°25	18°55	28°25	26°46	14°33	26° 2	24°31	9°52	n.a.	S 10
M11	22 39 24	7°53'59	21°37	8°19	24°55	5°35	17°35	18°52	28°26	26°48	14°33	25°59	24°28	9°59	n.a.	M11
T 12	22 43 21	8°53'46	4♊56	10° 1	25°55	6°10	17°46	18°48	28°28	26°50	14°34	25°D58	24°25	10° 6	n.a.	T 12
W13	22 47 18	9°53'36	18°33	11°41	26°54	6°44	17°56	18°45	28°29	26°52	14°34	25°58	24°22	10°12	n.a.	W13
T 14	22 51 14	10°53'29	2♋32	13°21	27°53	7°18	18° 6	18°42	28°30	26°53	14°34	25°59	24°19	10°19	n.a.	T 14
F 15	22 55 11	11°53'23	16°51	15° 0	28°52	7°52	18°17	18°39	28°32	26°55	14°34	26° 0	24°15	10°26	n.a.	F 15
S 16	22 59 7	12°53'21	1♌28	16°39	29°50	8°26	18°27	18°35	28°33	26°57	14°35	26°R 1	24°12	10°32	n.a.	S 16
S 17	23 3 4	13°53'20	16°21	18°17	0♏48	9° 0	18°36	18°32	28°35	26°58	14°35	25°59	24° 9	10°39	n.a.	S 17
M18	23 7 0	14°53'22	1♍22	19°54	1°45	9°33	18°46	18°28	28°36	27° 0	14°35	25°55	24° 6	10°45	n.a.	M18
T 19	23 10 57	15°53'25	16°22	21°31	2°42	10° 7	18°56	18°24	28°38	27° 2	14°35	25°49	24° 3	10°52	n.a.	T 19
W20	23 14 53	16°53'31	1♎12	23° 8	3°38	10°40	19° 6	18°20	28°39	27° 3	14°35	25°41	23°59	10°59	n.a.	W20
T 21	23 18 50	17°53'38	15°45	24°44	4°34	11°14	19°15	18°17	28°41	27° 5	14°36	25°32	23°56	11° 5	n.a.	T 21
F 22	23 22 47	18°53'48	29°53	26°19	5°29	11°47	19°25	18°13	28°43	27° 6	14°36	25°24	23°53	11°12	n.a.	F 22
S 23	23 26 43	19°53'59	13♏33	27°54	6°24	12°20	19°34	18° 9	28°45	27° 8	14°36	25°17	23°50	11°19	n.a.	S 23
S 24	23 30 40	20°54'12	26°45	29°28	7°18	12°53	19°43	18° 5	28°46	27° 9	14°36	25°12	23°47	11°25	n.a.	S 24
M25	23 34 36	21°54'26	9♐31	1♎ 2	8°12	13°26	19°52	18° 0	28°48	27°11	14°R36	25° 9	23°44	11°32	n.a.	M25
T 26	23 38 33	22°54'43	21°55	2°35	9° 5	13°59	20° 1	17°56	28°50	27°12	14°36	25°D 8	23°40	11°39	n.a.	T 26
W27	23 42 29	23°55'01	4♑ 2	4° 8	9°57	14°32	20°10	17°52	28°52	27°14	14°36	25° 9	23°37	11°45	n.a.	W27
T 28	23 46 26	24°55'20	15°56	5°41	10°48	15° 4	20°19	17°48	28°54	27°15	14°36	25° 9	23°34	11°52	n.a.	T 28
F 29	23 50 22	25°55'42	27°45	7°13	11°39	15°37	20°27	17°43	28°56	27°16	14°36	25°R10	23°31	11°59	n.a.	F 29
S 30	23 54 19	26♍56'04	9♒32	8♎45	12♏29	16♋ 9	20♋36	17♈39	28♏58	27♋18	14♊36	25♋ 8	23♋28	12♒ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n22	21s44	0n41	16n28	1n49	8s11	2s31	24n40	0n51	23n29	0n38	5n12	2s40	20s 7	0s 2	21n45	0n35	23n57	1n 4	21n 9	21n28	19s31		n.a.
S 2	12 1	20 38	0s24	15 51	1 47	8 40	2 36	24 41	0 52	23 28	0 38	5 11	2 40	20 7	0 2	21 45	0 35	23 57	1 4	21 9	21 29	19 30		n.a.
S 3	11 40	18 37	1 27	15 12	1 44	9 9	2 41	24 42	0 53	23 27	0 38	5 10	2 40	20 8	0 2	21 45	0 35	23 57	1 4	21 9	21 29	19 29		n.a.
M 4	11 19	15 48	2 27	14 33	1 41	9 38	2 46	24 42	0 54	23 26	0 38	5 9	2 41	20 8	0 2	21 44	0 35	23 57	1 4	21 10	21 30	19 28		n.a.
T 5	10 57	12 19	3 21	13 52	1 37	10 7	2 51	24 43	0 55	23 25	0 38	5 8	2 41	20 8	0 2	21 44	0 35	23 58	1 4	21 10	21 30	19 27		n.a.
W 6	10 35	8 18	4 6	13 11	1 33	10 35	2 56	24 43	0 55	23 23	0 38	5 7	2 41	20 8	0 2	21 44	0 35	23 58	1 4	21 12	21 31	19 26		n.a.
T 7	10 14	3 55	4 40	12 30	1 28	11 3	3 1	24 43	0 56	23 22	0 39	5 6	2 41	20 9	0 2	21 43	0 35	23 58	1 4	21 13	21 32	19 25		n.a.
F 8	9 51	0n41	5 2	11 47	1 24	11 31	3 5	24 43	0 57	23 21	0 39	5 4	2 41	20 9	0 2	21 43	0 35	23 58	1 4	21 14	21 32	19 24		n.a.
S 9	9 29	5 19	5 10	11 5	1 19	11 59	3 10	24 43	0 58	23 20	0 39	5 3	2 42	20 9	0 2	21 43	0 35	23 58	1 4	21 15	21 33	19 23		n.a.
S 10	9 7	9 49	5 3	10 21	1 14	12 26	3 15	24 42	0 59	23 19	0 39	5 2	2 42	20 9	0 2	21 42	0 35	23 58	1 4	21 16	21 33	19 22		n.a.
M11	8 44	13 57	4 40	9 38	1 8	12 53	3 20	24 42	1 0	23 17	0 39	5 1	2 42	20 10	0 2	21 42	0 35	23 59	1 5	21 17	21 34	19 21		n.a.
T 12	8 22	17 30	4 2	8 54	1 3	13 20	3 24	24 41	1 1	23 16	0 40	4 59	2 42	20 10	0 2	21 42	0 35	23 59	1 5	21 17	21 34	19 20		n.a.
W13	7 59	20 11	3 9	8 10	0 57	13 46	3 29	24 40	1 2	23 15	0 40	4 58	2 42	20 10	0 2	21 41	0 35	23 59	1 5	21 17	21 35	19 19		n.a.
T 14	7 36	21 44	2 4	7 26	0 51	14 12	3 34	24 39	1 3	23 14	0 40	4 56	2 43	20 10	0 2	21 41	0 35	23 59	1 5	21 17	21 36	19 18		n.a.
F 15	7 13	21 55	0 49	6 41	0 45	14 38	3 38	24 38	1 4	23 13	0 40	4 55	2 43	20 11	0 2	21 41	0 35	23 59	1 5	21 17	21 36	19 17		n.a.
S 16	6 49	20 38	0n30	5 57	0 39	15 3	3 43	24 37	1 5	23 11	0 40	4 53	2 43	20 11	0 2	21 40	0 35	23 59	1 5	21 17	21 37	19 16		n.a.
S 17	6 26	17 54	1 48	5 12	0 33	15 28	3 47	24 36	1 6	23 10	0 40	4 52	2 43	20 11	0 2	21 40	0 35	23 59	1 5	21 17	21 37	19 15		n.a.
M18	6 3	13 56	2 59	4 28	0 26	15 52	3 51	24 34	1 7	23 9	0 41	4 50	2 43	20 12	0 2	21 40	0 35	23 59	1 5	21 18	21 38	19 14		n.a.
T 19	5 39	9 6	3 58	3 43	0 20	16 17	3 56	24 33	1 8	23 8	0 41	4 49	2 43	20 12	0 2	21 39	0 35	24 0	1 5	21 19	21 38	19 13		n.a.
W20	5 15	3 46	4 39	2 58	0 13	16 40	4 0	24 31	1 9	23 7	0 41	4 47	2 43	20 13	0 2	21 39	0 35	24 0	1 5	21 21	21 39	19 12		n.a.
T 21	4 51	1s39	5 2	2 14	0 7	17 3	4 4	24 29	1 10	23 5	0 41	4 46	2 44	20 13	0 2	21 39	0 35	24 0	1 5	21 22	21 40	19 11		n.a.
F 22	4 28	6 51	5 6	1 29	0 0	17 26	4 8	24 27	1 11	23 4	0 41	4 44	2 44	20 13	0 2	21 39	0 35	24 0	1 6	21 24	21 40	19 10		n.a.
S 23	4 4	11 31	4 51	0 45	0s 7	17 49	4 12	24 25	1 11	23 3	0 42	4 42	2 44	20 14	0 2	21 38	0 35	24 0	1 6	21 25	21 41	19 9		n.a.
S 24	3 40	15 30	4 22	0 1	0 13	18 11	4 15	24 23	1 12	23 2	0 42	4 41	2 44	20 14	0 2	21 38	0 35	24 0	1 6	21 26	21 41	19 8		n.a.
M25	3 16	18 36	3 40	0s43	0 20	18 32	4 19	24 21	1 13	23 1	0 42	4 39	2 44	20 15	0 2	21 38	0 35	24 0	1 6	21 26	21 42	19 7		n.a.
T 26	2 51	20 46	2 49	1 27	0 26	18 53	4 23	24 18	1 15	23 0	0 42	4 37	2 44	20 15	0 2	21 38	0 35	24 0	1 6	21 27	21 42	19 5		n.a.
W27	2 27	21 54	1 51	2 10	0 33	19 13	4 26	24 16	1 16	22 58	0 42	4 36	2 44	20 15	0 2	21 37	0 35	24 0	1 6	21 27	21 43	19 4		n.a.
T 28	2 3	22 2	0 49	2 54	0 40	19 33	4 29	24 13	1 17	22 57	0 43	4 34	2 44	20 16	0 2	21 37	0 35	24 0	1 6	21 26	21 43	19 3		n.a.
F 29	1 39	21 10	0s14	3 37	0 46	19 53	4 33	24 10	1 18	22 56	0 43	4 32	2 44	20 16	0 2	21 37	0 35	24 0	1 6	21 26	21 44	19 2		n.a.
S 30	1n14	19s22	1s16	4s19	0s53	20s11	4s36	24n 7	1n19	22n55	0n43	4n30	2s45	20s17	0s 2	21n37	0n35	24n 1	1n 6	21n27	21n45	19s 1		n.a.

Julian Day Number = 1343632.5, Delta T = 07h13m32s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'17, Lahiri = -18°14'16 Julian Calendar 1 Sept. 1035 BCE == Greg. Calendar 22 Aug. 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

OCTOBER 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 58 16	27♍56'29	21♒21	10♎16	13♏19	16♋41	20♋44	17°R34	29♏ 0	27♋19	14°R35	25°R 5	23♋25	12♒12	n.a.	S 1
M 2	0 2 12	28°56'55	3♓17	11°47	14° 7	17°13	20°53	17♈30	29° 3	27°20	14♊35	24♋59	23°21	12°19	n.a.	M 2
T 3	0 6 9	29°57'22	15°22	13°18	14°55	17°45	21° 1	17°25	29° 5	27°22	14°35	24°50	23°18	12°25	n.a.	T 3
W 4	0 10 5	0♎57'51	27°38	14°48	15°42	18°17	21° 9	17°21	29° 7	27°23	14°35	24°39	23°15	12°32	n.a.	W 4
T 5	0 14 2	1°58'22	10♈ 6	16°17	16°28	18°49	21°16	17°16	29° 9	27°24	14°35	24°27	23°12	12°39	n.a.	T 5
F 6	0 17 58	2°58'55	22°45	17°47	17°13	19°21	21°24	17°11	29°12	27°25	14°34	24°14	23° 9	12°45	n.a.	F 6
S 7	0 21 55	3°59'30	5♉36	19°15	17°57	19°52	21°32	17° 6	29°14	27°26	14°34	24° 2	23° 5	12°52	n.a.	S 7
S 8	0 25 51	5° 0'06	18°38	20°44	18°40	20°23	21°39	17° 2	29°16	27°27	14°34	23°52	23° 2	12°59	n.a.	S 8
M 9	0 29 48	6° 0'44	1♊52	22°12	19°22	20°54	21°47	16°57	29°19	27°28	14°33	23°45	22°59	13° 5	n.a.	M 9
T 10	0 33 44	7° 1'24	15°17	23°39	20° 3	21°25	21°54	16°52	29°21	27°29	14°33	23°41	22°56	13°12	n.a.	T 10
W11	0 37 41	8° 2'06	28°55	25° 6	20°43	21°56	22° 1	16°47	29°24	27°31	14°33	23°39	22°53	13°18	n.a.	W11
T 12	0 41 38	9° 2'50	12♋45	26°32	21°21	22°27	22° 8	16°42	29°26	27°31	14°32	23°D39	22°50	13°25	n.a.	T 12
F 13	0 45 34	10° 3'36	26°49	27°58	21°59	22°58	22°14	16°37	29°29	27°32	14°32	23°R39	22°46	13°32	n.a.	F 13
S 14	0 49 31	11° 4'23	11♌ 7	29°23	22°35	23°28	22°21	16°32	29°32	27°33	14°31	23°38	22°43	13°38	n.a.	S 14
S 15	0 53 27	12° 5'13	25°36	0♏47	23°10	23°58	22°28	16°27	29°34	27°34	14°31	23°35	22°40	13°45	n.a.	S 15
M16	0 57 24	13° 6'03	10♍12	2°10	23°43	24°29	22°34	16°22	29°37	27°35	14°30	23°29	22°37	13°52	n.a.	M16
T 17	1 1 20	14° 6'56	24°51	3°32	24°15	24°58	22°40	16°17	29°40	27°36	14°30	23°20	22°34	13°58	n.a.	T 17
W18	1 5 17	15° 7'49	9♎24	4°53	24°45	25°28	22°46	16°13	29°43	27°37	14°29	23° 9	22°31	14° 5	n.a.	W18
T 19	1 9 13	16° 8'45	23°45	6°12	25°14	25°58	22°52	16° 8	29°45	27°37	14°29	22°56	22°27	14°12	n.a.	T 19
F 20	1 13 10	17° 9'41	7♏47	7°31	25°41	26°27	22°58	16° 3	29°48	27°38	14°28	22°44	22°24	14°18	n.a.	F 20
S 21	1 17 7	18°10'39	21°25	8°47	26° 7	26°57	23° 3	15°58	29°51	27°39	14°28	22°33	22°21	14°25	n.a.	S 21
S 22	1 21 3	19°11'37	4♐38	10° 1	26°30	27°26	23° 8	15°53	29°54	27°39	14°27	22°24	22°18	14°32	n.a.	S 22
M23	1 25 0	20°12'37	17°27	11°14	26°52	27°54	23°14	15°48	29°57	27°40	14°26	22°18	22°15	14°38	n.a.	M23
T 24	1 28 56	21°13'38	29°53	12°23	27°12	28°23	23°19	15°43	29°59	27°41	14°26	22°15	22°11	14°45	n.a.	T 24
W25	1 32 53	22°14'40	12♑ 2	13°30	27°30	28°52	23°23	15°38	0♐ 3	27°41	14°25	22°14	22° 8	14°52	n.a.	W25
T 26	1 36 49	23°15'42	23°58	14°33	27°46	29°20	23°28	15°33	0° 6	27°42	14°24	22°13	22° 5	14°58	n.a.	T 26
F 27	1 40 46	24°16'45	5♒47	15°32	28° 0	29°48	23°33	15°28	0° 9	27°42	14°23	22°13	22° 2	15° 5	n.a.	F 27
S 28	1 44 42	25°17'49	17°35	16°27	28°12	0♌16	23°37	15°23	0°12	27°43	14°23	22°12	21°59	15°12	n.a.	S 28
S 29	1 48 39	26°18'54	29°26	17°17	28°22	0°44	23°41	15°18	0°15	27°43	14°22	22° 8	21°56	15°18	n.a.	S 29
M30	1 52 36	27°19'59	11♓26	18° 1	28°29	1°11	23°45	15°13	0°18	27°43	14°21	22° 1	21°52	15°25	n.a.	M30
T 31	1 56 32	28♎21'05	23♓39	18♏38	28♏34	1♌38	23♋49	15♈ 9	0♐22	27♋44	14♊20	21♋52	21♋49	15♒32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	0n50	16s44	2s15	5s 2	0s59	20s30	4s38	24n 4	1n20	22n54	0n43	4n28	2s45	20s17	0s 2	21n36	0n35	24n 1	1n 6	21n27	21n45	19s 0					n.a.
M 2	0 25	13 23	3 9	5 44	1 5	20 47	4 41	24 1	1 21	22 53	0 43	4 27	2 45	20 18	0 2	21 36	0 36	24 1	1 7	21 28	21 46	18 59					n.a.
T 3	0 1	9 27	3 54	6 25	1 12	21 5	4 44	23 58	1 22	22 52	0 44	4 25	2 45	20 18	0 2	21 36	0 36	24 1	1 7	21 30	21 46	18 58					n.a.
W 4	0s23	5 4	4 30	7 7	1 18	21 21	4 46	23 55	1 23	22 51	0 44	4 23	2 45	20 19	0 2	21 36	0 36	24 1	1 7	21 32	21 47	18 57					n.a.
T 5	0 48	0 25	4 53	7 47	1 24	21 37	4 49	23 51	1 24	22 50	0 44	4 21	2 45	20 19	0 2	21 35	0 36	24 1	1 7	21 34	21 47	18 56					n.a.
F 6	1 12	4n19	5 2	8 27	1 30	21 52	4 51	23 48	1 25	22 49	0 44	4 19	2 45	20 20	0 2	21 35	0 36	24 1	1 7	21 36	21 48	18 54					n.a.
S 7	1 37	8 57	4 56	9 7	1 35	22 7	4 53	23 44	1 26	22 48	0 45	4 17	2 45	20 20	0 2	21 35	0 36	24 1	1 7	21 39	21 48	18 53					n.a.
S 8	2 1	13 15	4 35	9 46	1 41	22 21	4 54	23 41	1 27	22 47	0 45	4 15	2 45	20 21	0 2	21 35	0 36	24 1	1 7	21 40	21 49	18 52					n.a.
M 9	2 25	16 58	3 58	10 25	1 46	22 35	4 56	23 37	1 28	22 46	0 45	4 14	2 45	20 21	0 2	21 35	0 36	24 1	1 7	21 42	21 49	18 51					n.a.
T 10	2 50	19 52	3 9	11 3	1 51	22 47	4 57	23 33	1 29	22 45	0 45	4 12	2 45	20 22	0 2	21 35	0 36	24 1	1 7	21 42	21 50	18 50					n.a.
W11	3 14	21 42	2 7	11 40	1 56	22 59	4 58	23 29	1 31	22 44	0 45	4 10	2 45	20 23	0 2	21 34	0 36	24 1	1 7	21 43	21 51	18 49					n.a.
T 12	3 38	22 14	0 57	12 16	2 1	23 11	4 59	23 25	1 32	22 43	0 46	4 8	2 45	20 23	0 2	21 34	0 36	24 1	1 7	21 43	21 51	18 48					n.a.
F 13	4 3	21 24	0n17	12 52	2 5	23 22	4 59	23 21	1 33	22 42	0 46	4 6	2 45	20 24	0 2	21 34	0 36	24 1	1 8	21 43	21 52	18 46					n.a.
S 14	4 27	19 10	1 31	13 26	2 10	23 32	5 0	23 17	1 34	22 41	0 46	4 4	2 45	20 24	0 2	21 34	0 36	24 1	1 8	21 43	21 52	18 45					n.a.
S 15	4 51	15 42	2 40	14 0	2 13	23 41	5 0	23 13	1 35	22 40	0 46	4 2	2 45	20 25	0 2	21 34	0 36	24 1	1 8	21 43	21 53	18 44					n.a.
M16	5 15	11 15	3 40	14 33	2 17	23 49	5 0	23 9	1 36	22 40	0 47	4 0	2 45	20 25	0 2	21 34	0 36	24 1	1 8	21 44	21 53	18 43					n.a.
T 17	5 39	6 7	4 25	15 5	2 20	23 57	4 59	23 4	1 38	22 39	0 47	3 58	2 45	20 26	0 2	21 33	0 36	24 2	1 8	21 46	21 54	18 42					n.a.
W18	6 3	0 41	4 52	15 35	2 23	24 4	4 58	23 0	1 39	22 38	0 47	3 56	2 45	20 27	0 2	21 33	0 36	24 2	1 8	21 48	21 54	18 40					n.a.
T 19	6 27	4s43	5 0	16 5	2 25	24 10	4 57	22 55	1 40	22 37	0 47	3 55	2 45	20 27	0 2	21 33	0 36	24 2	1 8	21 50	21 55	18 39					n.a.
F 20	6 51	9 45	4 50	16 33	2 27	24 16	4 56	22 51	1 41	22 37	0 48	3 53	2 45	20 28	0 2	21 33	0 36	24 2	1 8	21 52	21 55	18 38					n.a.
S 21	7 14	14 10	4 24	16 59	2 28	24 20	4 54	22 46	1 42	22 36	0 48	3 51	2 45	20 29	0 2	21 33	0 36	24 2	1 8	21 54	21 56	18 37					n.a.
S 22	7 38	17 44	3 44	17 24	2 29	24 24	4 52	22 42	1 44	22 35	0 48	3 49	2 45	20 29	0 2	21 33	0 36	24 2	1 8	21 55	21 56	18 36					n.a.
M23	8 1	20 21	2 53	17 48	2 29	24 27	4 49	22 37	1 45	22 35	0 48	3 47	2 45	20 30	0 2	21 33	0 36	24 2	1 8	21 56	21 57	18 34					n.a.
T 24	8 24	21 54	1 55	18 9	2 29	24 29	4 46	22 33	1 46	22 34	0 49	3 45	2 45	20 30	0 2	21 33	0 36	24 2	1 9	21 57	21 57	18 33					n.a.
W25	8 48	22 22	0 54	18 29	2 28	24 30	4 43	22 28	1 47	22 33	0 49	3 43	2 45	20 31	0 2	21 33	0 36	24 2	1 9	21 57	21 58	18 32					n.a.
T 26	9 11	21 48	0s 9	18 46	2 26	24 30	4 39	22 23	1 49	22 33	0 49	3 41	2 44	20 32	0 2	21 33	0 36	24 2	1 9	21 57	21 58	18 31					n.a.
F 27	9 33	20 16	1 11	19 1	2 23	24 29	4 35	22 18	1 50	22 32	0 49	3 40	2 44	20 32	0 2	21 32	0 36	24 2	1 9	21 57	21 59	18 30					n.a.
S 28	9 56	17 52	2 10	19 14	2 19	24 27	4 30	22 13	1 51	22 32	0 50	3 38	2 44	20 33	0 2	21 32	0 36	24 2	1 9	21 57	22 0	18 28					n.a.
S 29	10 19	14 42	3 3	19 24	2 14	24 24	4 25	22 9	1 53	22 31	0 50	3 36	2 44	20 34	0 2	21 32	0 36	24 2	1 9	21 58	22 0	18 27					n.a.
M30	10 41	10 54	3 49	19 31	2 8	24 21	4 19	22 4	1 54	22 31	0 50	3 34	2 44	20 34	0 2	21 32	0 36	24 2	1 9	21 59	22 1	18 26					n.a.
T 31	11s 3	6s37	4s25	19s34	2s 1	24s16	4s13	21n59	1n55	22n30	0n50	3n32	2s44	20s35	0s 2	21n32	0n36	24n 2	1n 9	22n 1	22n 1	18s25					n.a.

Julian Day Number = 1343662.5, Delta T = 07h13m31s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'13, Lahiri = -18°14'12 Julian Calendar 1 Oct. 1035 BCE == Greg. Calendar 21 Sept. 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

NOVEMBER 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 0 29	29♎22'12	6♈ 6	19♏ 8	28♏36	2♌ 5	23♋53	15°R 4	0♐25	27♋44	14°R19	21°R40	21♋46	15♒38	n.a.	W 1
T 2	2 4 25	0♏23'20	18°49	19°30	28°R36	2°32	23°56	14♈59	0°28	27°44	14♊18	21♋27	21°43	15°45	n.a.	T 2
F 3	2 8 22	1°24'28	1♉47	19°43	28°34	2°59	23°59	14°55	0°31	27°45	14°18	21°13	21°40	15°52	n.a.	F 3
S 4	2 12 18	2°25'37	15° 1	19°R46	28°29	3°25	24° 3	14°50	0°34	27°45	14°17	21° 0	21°36	15°58	n.a.	S 4
S 5	2 16 15	3°26'47	28°27	19°38	28°21	3°51	24° 5	14°45	0°38	27°45	14°16	20°49	21°33	16° 5	n.a.	S 5
M 6	2 20 11	4°27'58	12♊ 4	19°19	28°12	4°17	24° 8	14°41	0°41	27°45	14°15	20°41	21°30	16°12	n.a.	M 6
T 7	2 24 8	5°29'10	25°48	18°49	27°59	4°43	24°11	14°36	0°44	27°45	14°14	20°36	21°27	16°18	n.a.	T 7
W 8	2 28 5	6°30'22	9♋39	18° 7	27°44	5° 8	24°13	14°32	0°48	27°45	14°13	20°34	21°24	16°25	n.a.	W 8
T 9	2 32 1	7°31'36	23°36	17°14	27°27	5°33	24°15	14°28	0°51	27°45	14°12	20°D34	21°21	16°32	n.a.	T 9
F 10	2 35 58	8°32'50	7♌38	16°11	27° 7	5°58	24°17	14°23	0°54	27°R45	14°11	20°R34	21°17	16°38	n.a.	F 10
S 11	2 39 54	9°34'05	21°44	14°59	26°46	6°23	24°19	14°19	0°58	27°45	14°10	20°34	21°14	16°45	n.a.	S 11
S 12	2 43 51	10°35'21	5♍54	13°42	26°22	6°47	24°21	14°15	1° 1	27°45	14° 9	20°31	21°11	16°52	n.a.	S 12
M13	2 47 47	11°36'37	20° 5	12°20	25°55	7°11	24°22	14°11	1° 5	27°45	14° 8	20°26	21° 8	16°58	n.a.	M13
T 14	2 51 44	12°37'54	4♎16	10°58	25°27	7°35	24°23	14° 7	1° 8	27°45	14° 7	20°18	21° 5	17° 5	n.a.	T 14
W15	2 55 41	13°39'12	18°22	9°37	24°58	7°58	24°24	14° 3	1°11	27°45	14° 6	20° 8	21° 2	17°11	n.a.	W15
T 16	2 59 37	14°40'30	2♏18	8°20	24°26	8°21	24°25	13°59	1°15	27°45	14° 4	19°57	20°58	17°18	n.a.	T 16
F 17	3 3 34	15°41'49	16° 0	7°10	23°53	8°44	24°26	13°55	1°18	27°44	14° 3	19°45	20°55	17°25	n.a.	F 17
S 18	3 7 30	16°43'07	29°24	6° 8	23°19	9° 6	24°26	13°51	1°22	27°44	14° 2	19°35	20°52	17°31	n.a.	S 18
S 19	3 11 27	17°44'26	12♐28	5°16	22°44	9°29	24°27	13°47	1°25	27°44	14° 1	19°27	20°49	17°38	n.a.	S 19
M20	3 15 23	18°45'45	25°12	4°35	22° 8	9°50	24°R27	13°44	1°29	27°44	14° 0	19°21	20°46	17°45	n.a.	M20
T 21	3 19 20	19°47'04	7♑37	4° 4	21°32	10°12	24°27	13°40	1°32	27°43	13°59	19°18	20°42	17°51	n.a.	T 21
W22	3 23 16	20°48'22	19°46	3°43	20°55	10°33	24°26	13°37	1°36	27°43	13°58	19°D18	20°39	17°58	n.a.	W22
T 23	3 27 13	21°49'41	1♒43	3°33	20°19	10°54	24°26	13°33	1°40	27°42	13°56	19°18	20°36	18° 5	n.a.	T 23
F 24	3 31 10	22°50'59	13°33	3°D32	19°42	11°14	24°25	13°30	1°43	27°42	13°55	19°19	20°33	18°11	n.a.	F 24
S 25	3 35 6	23°52'17	25°21	3°40	19° 7	11°34	24°24	13°27	1°47	27°41	13°54	19°R20	20°30	18°18	n.a.	S 25
S 26	3 39 3	24°53'34	7♓14	3°57	18°31	11°54	24°23	13°24	1°50	27°41	13°53	19°18	20°27	18°25	n.a.	S 26
M27	3 42 59	25°54'51	19°15	4°21	17°57	12°13	24°22	13°21	1°54	27°40	13°51	19°15	20°23	18°31	n.a.	M27
T 28	3 46 56	26°56'08	1♈29	4°51	17°24	12°32	24°20	13°18	1°57	27°40	13°50	19°10	20°20	18°38	n.a.	T 28
W29	3 50 52	27°57'24	14° 2	5°28	16°53	12°51	24°18	13°15	2° 1	27°39	13°49	19° 3	20°17	18°45	n.a.	W29
T 30	3 54 49	28♏58'39	26♈54	6♏11	16♏23	13♌ 9	24♋17	13♈13	2♐ 4	27♋38	13♊48	18♋54	20♋14	18♒51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s25	1s58	4s50	19s35	1s52	24s10	4s 6	21n54	1n57	22n30	0n51	3n31	2s44	20s36	0s 2	21n32	0n36	24n 2	1n 9	22n 3	22n 2	18s23		n.a.
T 2	11 47	2n52	5 0	19 31	1 42	24 3	3 59	21 49	1 58	22 30	0 51	3 29	2 44	20 37	0 2	21 32	0 37	24 2	1 9	22 5	22 2	18 22		n.a.
F 3	12 9	7 40	4 55	19 24	1 31	23 55	3 52	21 44	1 59	22 29	0 51	3 27	2 44	20 37	0 2	21 32	0 37	24 2	1 9	22 7	22 3	18 21		n.a.
S 4	12 30	12 13	4 35	19 12	1 18	23 46	3 43	21 39	2 1	22 29	0 51	3 26	2 43	20 38	0 2	21 32	0 37	24 2	1 10	22 9	22 3	18 20		n.a.
S 5	12 52	16 15	3 59	18 56	1 4	23 35	3 34	21 34	2 2	22 29	0 52	3 24	2 43	20 39	0 2	21 32	0 37	24 2	1 10	22 11	22 4	18 18		n.a.
M 6	13 13	19 29	3 9	18 36	0 48	23 24	3 25	21 29	2 4	22 29	0 52	3 22	2 43	20 39	0 2	21 32	0 37	24 1	1 10	22 12	22 4	18 17		n.a.
T 7	13 33	21 38	2 7	18 11	0 30	23 11	3 15	21 25	2 5	22 28	0 52	3 21	2 43	20 40	0 2	21 32	0 37	24 1	1 10	22 13	22 5	18 16		n.a.
W 8	13 54	22 30	0 58	17 41	0 12	22 57	3 4	21 20	2 7	22 28	0 52	3 19	2 43	20 41	0 2	21 32	0 37	24 1	1 10	22 13	22 5	18 14		n.a.
T 9	14 14	21 59	0n16	17 7	0n 8	22 43	2 53	21 15	2 8	22 28	0 53	3 18	2 43	20 41	0 2	21 32	0 37	24 1	1 10	22 13	22 6	18 13		n.a.
F 10	14 34	20 5	1 29	16 30	0 28	22 27	2 42	21 10	2 10	22 28	0 53	3 16	2 42	20 42	0 2	21 32	0 37	24 1	1 10	22 13	22 6	18 12		n.a.
S 11	14 54	16 58	2 37	15 49	0 48	22 10	2 30	21 5	2 11	22 28	0 53	3 15	2 42	20 43	0 2	21 32	0 37	24 1	1 10	22 13	22 7	18 11		n.a.
S 12	15 14	12 50	3 36	15 7	1 9	21 52	2 17	21 0	2 13	22 28	0 54	3 13	2 42	20 44	0 2	21 32	0 37	24 1	1 10	22 13	22 7	18 9		n.a.
M13	15 33	7 59	4 22	14 23	1 28	21 32	2 4	20 56	2 14	22 28	0 54	3 12	2 42	20 44	0 2	21 32	0 37	24 1	1 10	22 14	22 8	18 8		n.a.
T 14	15 52	2 43	4 51	13 40	1 47	21 12	1 50	20 51	2 16	22 28	0 54	3 10	2 42	20 45	0 2	21 33	0 37	24 1	1 10	22 15	22 8	18 7		n.a.
W15	16 11	2s39	5 2	12 58	2 3	20 51	1 36	20 46	2 17	22 28	0 54	3 9	2 41	20 46	0 2	21 33	0 37	24 1	1 11	22 17	22 9	18 5		n.a.
T 16	16 30	7 50	4 56	12 20	2 18	20 30	1 21	20 42	2 19	22 28	0 55	3 8	2 41	20 47	0 3	21 33	0 37	24 1	1 11	22 19	22 9	18 4		n.a.
F 17	16 48	12 33	4 32	11 45	2 31	20 7	1 7	20 37	2 20	22 28	0 55	3 6	2 41	20 47	0 3	21 33	0 37	24 1	1 11	22 20	22 10	18 3		n.a.
S 18	17 6	16 32	3 54	11 15	2 41	19 44	0 52	20 32	2 22	22 28	0 55	3 5	2 41	20 48	0 3	21 33	0 37	24 1	1 11	22 22	22 10	18 1		n.a.
S 19	17 23	19 37	3 3	10 50	2 49	19 20	0 36	20 28	2 24	22 29	0 55	3 4	2 41	20 49	0 3	21 33	0 37	24 1	1 11	22 23	22 11	18 0		n.a.
M20	17 41	21 39	2 5	10 30	2 55	18 56	0 21	20 23	2 25	22 29	0 56	3 3	2 40	20 49	0 3	21 33	0 37	24 1	1 11	22 24	22 11	17 59		n.a.
T 21	17 58	22 34	1 2	10 16	2 59	18 31	0 5	20 19	2 27	22 29	0 56	3 1	2 40	20 50	0 3	21 33	0 37	24 1	1 11	22 24	22 12	17 57		n.a.
W22	18 14	22 23	0s 3	10 7	3 1	18 6	0n10	20 15	2 29	22 30	0 56	3 0	2 40	20 51	0 3	21 33	0 37	24 1	1 11	22 24	22 12	17 56		n.a.
T 23	18 31	21 10	1 6	10 4	3 1	17 42	0 26	20 11	2 30	22 30	0 57	2 59	2 40	20 52	0 3	21 33	0 37	24 1	1 11	22 24	22 13	17 55		n.a.
F 24	18 47	19 2	2 6	10 5	3 0	17 17	0 41	20 6	2 32	22 30	0 57	2 58	2 39	20 52	0 3	21 33	0 37	24 1	1 11	22 24	22 13	17 53		n.a.
S 25	19 2	16 6	3 1	10 10	2 57	16 52	0 56	20 2	2 34	22 31	0 57	2 57	2 39	20 53	0 3	21 34	0 37	24 1	1 11	22 24	22 14	17 52		n.a.
S 26	19 17	12 31	3 48	10 19	2 54	16 28	1 11	19 58	2 35	22 31	0 57	2 56	2 39	20 54	0 3	21 34	0 37	24 0	1 11	22 24	22 14	17 51		n.a.
M27	19 32	8 23	4 26	10 31	2 49	16 4	1 26	19 55	2 37	22 32	0 58	2 55	2 39	20 55	0 3	21 34	0 37	24 0	1 11	22 25	22 15	17 49		n.a.
T 28	19 47	3 52	4 53	10 46	2 44	15 41	1 41	19 51	2 39	22 32	0 58	2 54	2 38	20 55	0 3	21 34	0 37	24 0	1 12	22 25	22 15	17 48		n.a.
W29	20 1	0n56	5 6	11 4	2 38	15 19	1 55	19 47	2 41	22 33	0 58	2 53	2 38	20 56	0 3	21 34	0 37	24 0	1 12	22 26	22 15	17 46		n.a.
T 30	20s15	5n48	5s 4	11s25	2n32	14s57	2n 8	19n44	2n43	22n33	0n58	2n53	2s38	20s57	0s 3	21n34	0n37	24n 0	1n12	22n28	22n16	17s45		n.a.

Julian Day Number = 1343693.5, Delta T = 07h13m29s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'08, Lahiri = -18°14'08 Julian Calendar 1 Nov. 1035 BCE == Greg. Calendar 22 Oct. 1035 BCE

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ASTRODIENST EPHEMERIS for the year 1035 BCE
geocentric

DECEMBER 1035 BCE (-1034) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 58 45	29♏59'54	10♉ 6	6♏58	15°R55	13♌26	24°R14	13°R10	2♐ 8	27°R38	13°R46	18°R45	20♋11	18♒58	n.a.	F 1
S 2	4 2 42	1♐ 1'09	23°39	7°50	15♏29	13°44	24♋12	13♈ 7	2°12	27♋37	13♊45	18♋36	20° 8	19° 5	n.a.	S 2
S 3	4 6 39	2° 2'23	7♊29	8°46	15° 5	14° 0	24°10	13° 5	2°15	27°36	13°44	18°29	20° 4	19°11	n.a.	S 3
M 4	4 10 35	3° 3'37	21°32	9°45	14°43	14°17	24° 7	13° 3	2°19	27°35	13°43	18°24	20° 1	19°18	n.a.	M 4
T 5	4 14 32	4° 4'51	5♋45	10°47	14°24	14°33	24° 4	13° 1	2°22	27°35	13°41	18°21	19°58	19°25	n.a.	T 5
W 6	4 18 28	5° 6'04	20° 2	11°52	14° 7	14°48	24° 1	12°59	2°26	27°34	13°40	18°D21	19°55	19°31	n.a.	W 6
T 7	4 22 25	6° 7'17	4♌19	12°59	13°53	15° 3	23°58	12°57	2°30	27°33	13°39	18°22	19°52	19°38	n.a.	T 7
F 8	4 26 21	7° 8'30	18°34	14° 9	13°40	15°17	23°55	12°55	2°33	27°32	13°37	18°23	19°48	19°45	n.a.	F 8
S 9	4 30 18	8° 9'42	2♍44	15°21	13°31	15°31	23°51	12°53	2°37	27°31	13°36	18°R24	19°45	19°51	n.a.	S 9
S 10	4 34 15	9°10'54	16°49	16°35	13°24	15°45	23°47	12°51	2°40	27°30	13°35	18°24	19°42	19°58	n.a.	S 10
M11	4 38 11	10°12'05	0♎46	17°50	13°19	15°58	23°43	12°50	2°44	27°29	13°34	18°22	19°39	20° 5	n.a.	M11
T 12	4 42 8	11°13'16	14°34	19° 7	13°D17	16°10	23°39	12°48	2°47	27°28	13°32	18°18	19°36	20°11	n.a.	T 12
W13	4 46 4	12°14'27	28°13	20°25	13°18	16°22	23°35	12°47	2°51	27°27	13°31	18°13	19°33	20°18	n.a.	W13
T 14	4 50 1	13°15'37	11♏41	21°45	13°21	16°33	23°31	12°46	2°55	27°26	13°30	18° 7	19°29	20°25	n.a.	T 14
F 15	4 53 57	14°16'46	24°56	23° 5	13°26	16°44	23°26	12°45	2°58	27°25	13°28	18° 1	19°26	20°31	n.a.	F 15
S 16	4 57 54	15°17'54	7♐57	24°27	13°34	16°54	23°21	12°44	3° 2	27°24	13°27	17°56	19°23	20°38	n.a.	S 16
S 17	5 1 50	16°19'02	20°44	25°50	13°44	17° 4	23°16	12°43	3° 5	27°23	13°26	17°52	19°20	20°45	n.a.	S 17
M18	5 5 47	17°20'08	3♑15	27°14	13°56	17°13	23°11	12°42	3° 9	27°21	13°24	17°49	19°17	20°51	n.a.	M18
T 19	5 9 44	18°21'14	15°32	28°39	14°10	17°21	23° 6	12°41	3°12	27°20	13°23	17°D48	19°14	20°58	n.a.	T 19
W20	5 13 40	19°22'18	27°38	0♐ 4	14°26	17°29	23° 0	12°41	3°16	27°19	13°22	17°48	19°10	21° 5	n.a.	W20
T 21	5 17 37	20°23'21	9♒33	1°31	14°44	17°36	22°55	12°40	3°19	27°18	13°20	17°50	19° 7	21°11	n.a.	T 21
F 22	5 21 33	21°24'23	21°24	2°58	15° 5	17°42	22°49	12°40	3°23	27°16	13°19	17°52	19° 4	21°18	n.a.	F 22
S 23	5 25 30	22°25'23	3♓12	4°26	15°27	17°48	22°43	12°40	3°26	27°15	13°18	17°53	19° 1	21°25	n.a.	S 23
S 24	5 29 26	23°26'22	15° 4	5°55	15°51	17°53	22°37	12°D40	3°29	27°14	13°17	17°55	18°58	21°31	n.a.	S 24
M25	5 33 23	24°27'20	27° 3	7°24	16°17	17°58	22°31	12°40	3°33	27°13	13°15	17°R55	18°54	21°38	n.a.	M25
T 26	5 37 20	25°28'16	9♈16	8°55	16°44	18° 1	22°25	12°40	3°36	27°11	13°14	17°54	18°51	21°45	n.a.	T 26
W27	5 41 16	26°29'10	21°47	10°26	17°13	18° 4	22°19	12°40	3°40	27°10	13°13	17°52	18°48	21°51	n.a.	W27
T 28	5 45 13	27°30'03	4♉39	11°58	17°44	18° 7	22°12	12°41	3°43	27° 8	13°11	17°50	18°45	21°58	n.a.	T 28
F 29	5 49 9	28°30'54	17°55	13°30	18°16	18° 8	22° 5	12°41	3°46	27° 7	13°10	17°47	18°42	22° 5	n.a.	F 29
S 30	5 53 6	29°31'44	1♊35	15° 4	18°49	18° 9	21°59	12°42	3°50	27° 6	13° 9	17°44	18°39	22°11	n.a.	S 30
S 31	5 57 2	0♑32'32	15♊39	16♐38	19♏24	18°R10	21♋52	12♈43	3♐53	27♋ 4	13♊ 8	17♋42	18♋35	22♒18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s28	10n33	4s46	11s47	2n25	14s36	2n22	19n40	2n44	22n34	0n59	2n52	2s38	20s58	0s 3	21n35	0n37	24n 0	1n12	22n29	22n16	17s44		n.a.
S 2	20 41	14 55	4 12	12 11	2 17	14 17	2 34	19 37	2 46	22 35	0 59	2 51	2 37	20 58	0 3	21 35	0 37	24 0	1 12	22 30	22 17	17 42		n.a.
S 3	20 54	18 34	3 23	12 36	2 10	13 58	2 47	19 34	2 48	22 35	0 59	2 50	2 37	20 59	0 3	21 35	0 38	24 0	1 12	22 31	22 17	17 41		n.a.
M 4	21 6	21 13	2 20	13 2	2 2	13 40	2 58	19 31	2 50	22 36	1 0	2 50	2 37	21 0	0 3	21 35	0 38	24 0	1 12	22 32	22 18	17 39		n.a.
T 5	21 18	22 34	1 8	13 30	1 54	13 24	3 9	19 28	2 52	22 37	1 0	2 49	2 36	21 0	0 3	21 35	0 38	24 0	1 12	22 32	22 18	17 38		n.a.
W 6	21 29	22 27	0n 9	13 58	1 46	13 9	3 20	19 25	2 54	22 38	1 0	2 49	2 36	21 1	0 3	21 35	0 38	24 0	1 12	22 32	22 19	17 37		n.a.
T 7	21 40	20 52	1 26	14 26	1 37	12 55	3 30	19 22	2 56	22 39	1 0	2 48	2 36	21 2	0 3	21 36	0 38	24 0	1 12	22 32	22 19	17 35		n.a.
F 8	21 51	17 59	2 37	14 55	1 29	12 43	3 39	19 20	2 58	22 40	1 1	2 48	2 36	21 3	0 3	21 36	0 38	23 59	1 12	22 32	22 20	17 34		n.a.
S 9	22 1	14 2	3 38	15 25	1 21	12 32	3 48	19 17	3 0	22 40	1 1	2 47	2 35	21 3	0 3	21 36	0 38	23 59	1 12	22 32	22 20	17 32		n.a.
S 10	22 11	9 21	4 25	15 54	1 12	12 22	3 56	19 15	3 2	22 41	1 1	2 47	2 35	21 4	0 3	21 36	0 38	23 59	1 12	22 32	22 21	17 31		n.a.
M11	22 20	4 13	4 57	16 24	1 4	12 13	4 3	19 13	3 4	22 42	1 1	2 46	2 35	21 5	0 3	21 37	0 38	23 59	1 13	22 32	22 21	17 29		n.a.
T 12	22 29	1s 4	5 10	16 53	0 56	12 6	4 10	19 11	3 6	22 43	1 2	2 46	2 34	21 6	0 3	21 37	0 38	23 59	1 13	22 33	22 22	17 28		n.a.
W13	22 37	6 15	5 6	17 22	0 47	12 0	4 17	19 9	3 8	22 44	1 2	2 46	2 34	21 6	0 3	21 37	0 38	23 59	1 13	22 33	22 22	17 27		n.a.
T 14	22 45	11 3	4 45	17 51	0 39	11 55	4 23	19 8	3 10	22 45	1 2	2 46	2 34	21 7	0 3	21 37	0 38	23 59	1 13	22 34	22 23	17 25		n.a.
F 15	22 52	15 16	4 9	18 20	0 31	11 51	4 28	19 6	3 12	22 46	1 2	2 46	2 34	21 8	0 3	21 38	0 38	23 59	1 13	22 35	22 23	17 24		n.a.
S 16	22 59	18 41	3 21	18 48	0 23	11 49	4 33	19 5	3 14	22 47	1 3	2 45	2 33	21 8	0 3	21 38	0 38	23 59	1 13	22 36	22 23	17 22		n.a.
S 17	23 6	21 7	2 23	19 16	0 15	11 48	4 38	19 4	3 16	22 49	1 3	2 45	2 33	21 9	0 3	21 38	0 38	23 59	1 13	22 36	22 24	17 21		n.a.
M18	23 12	22 28	1 19	19 44	0 8	11 48	4 42	19 3	3 18	22 50	1 3	2 45	2 33	21 10	0 3	21 38	0 38	23 59	1 13	22 37	22 24	17 19		n.a.
T 19	23 18	22 41	0 12	20 10	0s 0	11 48	4 45	19 3	3 20	22 51	1 3	2 45	2 32	21 10	0 3	21 39	0 38	23 58	1 13	22 37	22 25	17 18		n.a.
W20	23 23	21 51	0s54	20 37	0 8	11 50	4 48	19 2	3 22	22 52	1 4	2 46	2 32	21 11	0 3	21 39	0 38	23 58	1 13	22 37	22 25	17 16		n.a.
T 21	23 28	20 1	1 57	21 2	0 15	11 53	4 51	19 2	3 24	22 53	1 4	2 46	2 32	21 12	0 3	21 39	0 38	23 58	1 13	22 37	22 26	17 15		n.a.
F 22	23 32	17 20	2 54	21 27	0 22	11 57	4 53	19 2	3 26	22 54	1 4	2 46	2 31	21 12	0 3	21 39	0 38	23 58	1 13	22 36	22 26	17 13		n.a.
S 23	23 36	13 58	3 44	21 50	0 29	12 1	4 55	19 2	3 29	22 56	1 4	2 46	2 31	21 13	0 3	21 40	0 38	23 58	1 13	22 36	22 27	17 12		n.a.
S 24	23 39	10 2	4 25	22 13	0 36	12 7	4 57	19 3	3 31	22 57	1 5	2 46	2 31	21 14	0 3	21 40	0 38	23 58	1 13	22 36	22 27	17 10		n.a.
M25	23 42	5 41	4 55	22 35	0 43	12 13	4 58	19 3	3 33	22 58	1 5	2 47	2 30	21 15	0 3	21 40	0 38	23 58	1 13	22 36	22 28	17 9		n.a.
T 26	23 44	1 2	5 12	22 57	0 49	12 20	4 59	19 4	3 35	22 59	1 5	2 47	2 30	21 15	0 3	21 41	0 38	23 58	1 13	22 36	22 28	17 7		n.a.
W27	23 46	3n46	5 15	23 17	0 55	12 28	4 59	19 5	3 37	23 1	1 5	2 47	2 30	21 16	0 3	21 41	0 38	23 58	1 14	22 36	22 28	17 6		n.a.
T 28	23 48	8 32	5 2	23 36	1 1	12 36	4 59	19 7	3 39	23 2	1 5	2 48	2 29	21 17	0 3	21 41	0 38	23 57	1 14	22 37	22 29	17 4		n.a.
F 29	23 49	13 4	4 33	23 53	1 7	12 45	4 59	19 8	3 42	23 3	1 6	2 48	2 29	21 17	0 3	21 41	0 38	23 57	1 14	22 37	22 29	17 3		n.a.
S 30	23 49	17 5	3 48	24 10	1 13	12 54	4 59	19 10	3 44	23 5	1 6	2 49	2 29	21 18	0 3	21 42	0 38	23 57	1 14	22 37	22 30	17 1		n.a.
S 31	23s49	20n15	2s48	24s26	1s18	13s 5	4n58	19n12	3n46	23n 6	1n 6	2n49	2s28	21s18	0s 3	21n42	0n38	23n57	1n14	22n38	22n30	17s 0		n.a.

Julian Day Number = 1343723.5, Delta T = 07h13m28s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'04, Lahiri = -18°14'04 Julian Calendar 1 Dec. 1035 BCE == Greg. Calendar 21 Nov. 1035 BCE

The year -1034 astronomical counting style corresponds to year 1035 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

JANUARY 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 0 59	1♉33'18	0♋ 2	18♐13	20♏ 1	18°R 9	21°R45	12♈44	3♐56	27°R 3	13°R 6	17°R40	18♋32	22♒25	n.a.	M 1
T 2	6 4 55	2°34'04	14°40	19°48	20°38	18♌ 8	21♋38	12°44	4° 0	27♋ 1	13♊ 5	17°D40	18°29	22°31	n.a.	T 2
W 3	6 8 52	3°34'47	29°25	21°25	21°17	18° 6	21°31	12°46	4° 3	27° 0	13° 4	17♋40	18°26	22°38	n.a.	W 3
T 4	6 12 49	4°35'30	14♌11	23° 2	21°58	18° 3	21°24	12°47	4° 6	26°58	13° 3	17°41	18°23	22°45	n.a.	T 4
F 5	6 16 45	5°36'11	28°51	24°40	22°39	17°59	21°16	12°48	4° 9	26°57	13° 2	17°42	18°20	22°51	n.a.	F 5
S 6	6 20 42	6°36'50	13♍19	26°19	23°21	17°55	21° 9	12°49	4°12	26°55	13° 0	17°43	18°16	22°58	n.a.	S 6
S 7	6 24 38	7°37'29	27°33	27°59	24° 5	17°50	21° 1	12°51	4°16	26°54	12°59	17°43	18°13	23° 5	n.a.	S 7
M 8	6 28 35	8°38'06	11♎30	29°39	24°49	17°44	20°54	12°53	4°19	26°52	12°58	17°R43	18°10	23°11	n.a.	M 8
T 9	6 32 31	9°38'41	25° 9	1♉21	25°35	17°37	20°46	12°54	4°22	26°51	12°57	17°43	18° 7	23°18	n.a.	T 9
W10	6 36 28	10°39'15	8♏32	3° 3	26°21	17°30	20°39	12°56	4°25	26°49	12°56	17°42	18° 4	23°25	n.a.	W10
T 11	6 40 24	11°39'48	21°39	4°46	27° 8	17°21	20°31	12°58	4°28	26°47	12°55	17°42	18° 0	23°31	n.a.	T 11
F 12	6 44 21	12°40'19	4♐30	6°30	27°56	17°12	20°23	13° 0	4°31	26°46	12°53	17°41	17°57	23°38	n.a.	F 12
S 13	6 48 18	13°40'49	17° 9	8°15	28°45	17° 2	20°16	13° 3	4°34	26°44	12°52	17°40	17°54	23°45	n.a.	S 13
S 14	6 52 14	14°41'17	29°35	10° 1	29°35	16°52	20° 8	13° 5	4°37	26°43	12°51	17°40	17°51	23°52	n.a.	S 14
M15	6 56 11	15°41'44	11♉51	11°48	0♐25	16°40	20° 0	13° 7	4°40	26°41	12°50	17°D40	17°48	23°58	n.a.	M15
T 16	7 0 7	16°42'08	23°57	13°36	1°17	16°28	19°52	13°10	4°43	26°39	12°49	17°40	17°45	24° 5	n.a.	T 16
W17	7 4 4	17°42'31	5♒55	15°25	2° 9	16°15	19°44	13°12	4°46	26°38	12°48	17°R40	17°41	24°12	n.a.	W17
T 18	7 8 0	18°42'52	17°47	17°14	3° 1	16° 1	19°36	13°15	4°48	26°36	12°47	17°40	17°38	24°18	n.a.	T 18
F 19	7 11 57	19°43'10	29°37	19° 5	3°54	15°47	19°28	13°18	4°51	26°34	12°46	17°40	17°35	24°25	n.a.	F 19
S 20	7 15 53	20°43'27	11♓26	20°56	4°48	15°32	19°20	13°21	4°54	26°33	12°45	17°39	17°32	24°32	n.a.	S 20
S 21	7 19 50	21°43'41	23°18	22°49	5°43	15°16	19°13	13°24	4°57	26°31	12°44	17°39	17°29	24°38	n.a.	S 21
M22	7 23 47	22°43'53	5♈17	24°42	6°37	14°59	19° 5	13°27	4°59	26°29	12°43	17°38	17°25	24°45	n.a.	M22
T 23	7 27 43	23°44'03	17°27	26°36	7°33	14°42	18°57	13°30	5° 2	26°28	12°42	17°38	17°22	24°52	n.a.	T 23
W24	7 31 40	24°44'11	29°53	28°30	8°29	14°24	18°49	13°34	5° 5	26°26	12°41	17°D38	17°19	24°58	n.a.	W24
T 25	7 35 36	25°44'16	12♉40	0♒25	9°26	14° 6	18°41	13°37	5° 7	26°24	12°40	17°38	17°16	25° 5	n.a.	T 25
F 26	7 39 33	26°44'19	25°50	2°21	10°23	13°47	18°33	13°41	5°10	26°23	12°39	17°39	17°13	25°12	n.a.	F 26
S 27	7 43 29	27°44'20	9♊26	4°17	11°20	13°28	18°26	13°44	5°12	26°21	12°38	17°40	17°10	25°18	n.a.	S 27
S 28	7 47 26	28°44'19	23°29	6°13	12°18	13° 8	18°18	13°48	5°15	26°19	12°38	17°41	17° 6	25°25	n.a.	S 28
M29	7 51 22	29°44'15	7♋57	8° 9	13°16	12°47	18°10	13°52	5°17	26°18	12°37	17°41	17° 3	25°32	n.a.	M29
T 30	7 55 19	0♒44'10	22°47	10° 5	14°15	12°26	18° 3	13°56	5°20	26°16	12°36	17°R42	17° 0	25°38	n.a.	T 30
W31	7 59 16	1♒44'02	7♌50	12♒ 0	15♐14	12♌ 5	17♋55	14♈ 0	5♐22	26♋14	12♊35	17♋41	16♋57	25♒45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s48	22n13	1 s36	24 s40	1 s23	13 s15	4n57	19n14	3n48	23n 7	1n 6	2n50	2 s28	21 s19	0 s 3	21n42	0n38	23n57	1n14	22n38	22n31	16 s58			n.a.
T 2	23 48	22 43	0 17	24 53	1 28	13 26	4 56	19 17	3 50	23 9	1 7	2 51	2 28	21 20	0 3	21 43	0 38	23 57	1 14	22 38	22 31	16 57			n.a.
W 3	23 46	21 39	1n 5	25 4	1 32	13 38	4 55	19 19	3 52	23 10	1 7	2 51	2 28	21 20	0 3	21 43	0 38	23 57	1 14	22 38	22 32	16 55			n.a.
T 4	23 44	19 5	2 22	25 14	1 37	13 49	4 53	19 22	3 55	23 11	1 7	2 52	2 27	21 21	0 3	21 43	0 38	23 57	1 14	22 38	22 32	16 54			n.a.
F 5	23 42	15 19	3 29	25 23	1 41	14 2	4 51	19 26	3 57	23 13	1 7	2 53	2 27	21 22	0 3	21 44	0 38	23 57	1 14	22 38	22 32	16 52			n.a.
S 6	23 39	10 41	4 22	25 30	1 44	14 14	4 49	19 29	3 59	23 14	1 7	2 54	2 27	21 22	0 3	21 44	0 38	23 57	1 14	22 37	22 33	16 50			n.a.
S 7	23 36	5 32	4 58	25 36	1 47	14 27	4 47	19 33	4 1	23 15	1 7	2 55	2 26	21 23	0 3	21 44	0 38	23 56	1 14	22 37	22 33	16 49			n.a.
M 8	23 32	0 13	5 15	25 39	1 50	14 40	4 45	19 36	4 3	23 17	1 8	2 56	2 26	21 23	0 3	21 45	0 38	23 56	1 14	22 37	22 34	16 47			n.a.
T 9	23 28	5 s 1	5 15	25 42	1 53	14 53	4 42	19 40	4 5	23 18	1 8	2 57	2 26	21 24	0 3	21 45	0 38	23 56	1 14	22 37	22 34	16 46			n.a.
W10	23 23	9 53	4 57	25 42	1 55	15 7	4 40	19 45	4 7	23 19	1 8	2 58	2 25	21 25	0 3	21 45	0 38	23 56	1 14	22 37	22 35	16 44			n.a.
T 11	23 18	14 13	4 23	25 41	1 57	15 20	4 37	19 49	4 9	23 21	1 8	2 59	2 25	21 25	0 3	21 46	0 39	23 56	1 14	22 38	22 35	16 43			n.a.
F 12	23 12	17 49	3 38	25 38	1 59	15 34	4 34	19 54	4 11	23 22	1 8	3 0	2 25	21 26	0 3	21 46	0 39	23 56	1 14	22 38	22 35	16 41			n.a.
S 13	23 6	20 30	2 42	25 33	2 0	15 48	4 31	19 59	4 13	23 23	1 8	3 1	2 24	21 26	0 3	21 46	0 39	23 56	1 15	22 38	22 36	16 39			n.a.
S 14	23 0	22 10	1 39	25 26	2 0	16 2	4 27	20 4	4 15	23 25	1 9	3 2	2 24	21 27	0 3	21 47	0 39	23 56	1 15	22 38	22 36	16 38			n.a.
M15	22 53	22 45	0 32	25 17	2 1	16 16	4 24	20 9	4 17	23 26	1 9	3 3	2 24	21 27	0 3	21 47	0 39	23 56	1 15	22 38	22 37	16 36			n.a.
T 16	22 45	22 14	0 s35	25 6	2 0	16 30	4 20	20 15	4 19	23 27	1 9	3 5	2 23	21 28	0 3	21 47	0 39	23 56	1 15	22 38	22 37	16 35			n.a.
W17	22 37	20 42	1 40	24 54	2 0	16 44	4 17	20 21	4 20	23 29	1 9	3 6	2 23	21 28	0 3	21 48	0 39	23 56	1 15	22 38	22 38	16 33			n.a.
T 18	22 29	18 16	2 40	24 39	1 58	16 58	4 13	20 26	4 22	23 30	1 9	3 7	2 23	21 29	0 3	21 48	0 39	23 55	1 15	22 38	22 38	16 31			n.a.
F 19	22 21	15 6	3 33	24 22	1 57	17 11	4 9	20 33	4 24	23 31	1 9	3 9	2 23	21 30	0 3	21 48	0 39	23 55	1 15	22 38	22 38	16 30			n.a.
S 20	22 11	11 20	4 16	24 3	1 54	17 25	4 5	20 39	4 25	23 32	1 9	3 10	2 22	21 30	0 3	21 49	0 39	23 55	1 15	22 38	22 39	16 28			n.a.
S 21	22 2	7 7	4 49	23 41	1 52	17 39	4 1	20 45	4 27	23 34	1 9	3 12	2 22	21 31	0 3	21 49	0 39	23 55	1 15	22 38	22 39	16 27			n.a.
M22	21 52	2 36	5 10	23 18	1 48	17 52	3 57	20 51	4 28	23 35	1 10	3 13	2 22	21 31	0 3	21 49	0 39	23 55	1 15	22 38	22 40	16 25			n.a.
T 23	21 42	2n 5	5 18	22 52	1 44	18 6	3 52	20 58	4 30	23 36	1 10	3 15	2 21	21 32	0 3	21 50	0 39	23 55	1 15	22 38	22 40	16 23			n.a.
W24	21 31	6 46	5 10	22 25	1 40	18 19	3 48	21 5	4 31	23 37	1 10	3 16	2 21	21 32	0 3	21 50	0 39	23 55	1 15	22 38	22 41	16 22			n.a.
T 25	21 20	11 19	4 48	21 55	1 35	18 32	3 44	21 11	4 32	23 39	1 10	3 18	2 21	21 33	0 3	21 50	0 39	23 55	1 15	22 38	22 41	16 20			n.a.
F 26	21 8	15 28	4 10	21 23	1 29	18 44	3 39	21 18	4 33	23 40	1 10	3 20	2 20	21 33	0 3	21 51	0 39	23 55	1 15	22 38	22 41	16 18			n.a.
S 27	20 56	18 58	3 17	20 49	1 22	18 57	3 35	21 25	4 34	23 41	1 10	3 21	2 20	21 34	0 3	21 51	0 39	23 55	1 15	22 38	22 42	16 17			n.a.
S 28	20 44	21 29	2 10	20 13	1 15	19 9	3 30	21 32	4 35	23 42	1 10	3 23	2 20	21 34	0 3	21 51	0 39	23 55	1 15	22 38	22 42	16 15			n.a.
M29	20 32	22 41	0 54	19 36	1 7	19 21	3 25	21 39	4 36	23 43	1 10	3 25	2 20	21 34	0 3	21 52	0 39	23 55	1 15	22 38	22 43	16 13			n.a.
T 30	20 19	22 19	0n28	18 56	0 59	19 33	3 21	21 45	4 37	23 44	1 10	3 27	2 19	21 35	0 3	21 52	0 39	23 55	1 15	22 38	22 43	16 12			n.a.
W31	20 s 5	20n21	1n49	18 s15	0 s50	19 s44	3n16	21n52	4n37	23n45	1n10	3n29	2 s19	21 s35	0 s 3	21n52	0n39	23n54	1n15	22n38	22n43	16 s10			n.a.

Julian Day Number = 1343754.5, Delta T = 07h13m26s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°21'00, Lahiri = -18°14'00 Julian Calendar 1 Jan. 1034 BCE == Greg. Calendar 22 Dec. 1035 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

FEBRUARY 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 3 12	2♒43'52	22♌59	13♒54	16♐14	11°R43	17°R48	14♈ 4	5♐24	26°R13	12°R34	17°R40	16♋54	25♒52	n.a.	T 1
F 2	8 7 9	3°43'40	8♍ 3	15°48	17°14	11♌21	17♋41	14° 8	5°27	26♋11	12♊34	17♋38	16°51	25°58	n.a.	F 2
S 3	8 11 5	4°43'26	22°55	17°39	18°14	10°58	17°33	14°12	5°29	26° 9	12°33	17°36	16°47	26° 5	n.a.	S 3
S 4	8 15 2	5°43'10	7♎27	19°29	19°15	10°35	17°26	14°17	5°31	26° 8	12°32	17°34	16°44	26°12	n.a.	S 4
M 5	8 18 58	6°42'52	21°35	21°16	20°16	10°12	17°19	14°21	5°33	26° 6	12°31	17°32	16°41	26°18	n.a.	M 5
T 6	8 22 55	7°42'33	5♏19	23° 0	21°18	9°49	17°12	14°26	5°36	26° 4	12°31	17°D31	16°38	26°25	n.a.	T 6
W 7	8 26 51	8°42'11	18°38	24°40	22°19	9°26	17° 5	14°31	5°38	26° 3	12°30	17°32	16°35	26°32	n.a.	W 7
T 8	8 30 48	9°41'48	1♐35	26°17	23°21	9° 3	16°58	14°35	5°40	26° 1	12°29	17°33	16°31	26°38	n.a.	T 8
F 9	8 34 45	10°41'23	14°13	27°50	24°24	8°39	16°52	14°40	5°42	26° 0	12°29	17°34	16°28	26°45	n.a.	F 9
S 10	8 38 41	11°40'56	26°36	29°17	25°26	8°16	16°45	14°45	5°44	25°58	12°28	17°36	16°25	26°52	n.a.	S 10
S 11	8 42 38	12°40'27	8♑47	0♓39	26°29	7°52	16°38	14°50	5°46	25°56	12°28	17°37	16°22	26°58	n.a.	S 11
M12	8 46 34	13°39'56	20°49	1°56	27°32	7°29	16°32	14°55	5°47	25°55	12°27	17°R37	16°19	27° 5	n.a.	M12
T 13	8 50 31	14°39'23	2♒45	3° 6	28°36	7° 6	16°26	15° 0	5°49	25°53	12°27	17°36	16°16	27°12	n.a.	T 13
W14	8 54 27	15°38'48	14°37	4°10	29°39	6°43	16°20	15° 5	5°51	25°52	12°26	17°34	16°12	27°18	n.a.	W14
T 15	8 58 24	16°38'10	26°26	5° 7	0♑43	6°20	16°14	15°11	5°53	25°50	12°26	17°30	16° 9	27°25	n.a.	T 15
F 16	9 2 20	17°37'30	8♓16	5°57	1°47	5°58	16° 8	15°16	5°54	25°49	12°25	17°25	16° 6	27°32	n.a.	F 16
S 17	9 6 17	18°36'48	20° 7	6°40	2°51	5°35	16° 2	15°22	5°56	25°47	12°25	17°19	16° 3	27°39	n.a.	S 17
S 18	9 10 13	19°36'04	2♈ 3	7°15	3°56	5°13	15°57	15°27	5°58	25°46	12°24	17°14	16° 0	27°45	n.a.	S 18
M19	9 14 10	20°35'17	14° 5	7°43	5° 1	4°52	15°51	15°33	5°59	25°44	12°24	17° 8	15°57	27°52	n.a.	M19
T 20	9 18 7	21°34'28	26°16	8° 3	6° 5	4°31	15°46	15°38	6° 1	25°43	12°24	17° 4	15°53	27°59	n.a.	T 20
W21	9 22 3	22°33'37	8♉41	8°16	7°11	4°11	15°41	15°44	6° 2	25°41	12°23	17° 2	15°50	28° 5	n.a.	W21
T 22	9 26 0	23°32'43	21°23	8°R21	8°16	3°50	15°36	15°50	6° 4	25°40	12°23	17°D 1	15°47	28°12	n.a.	T 22
F 23	9 29 56	24°31'46	4♊25	8°19	9°21	3°31	15°31	15°56	6° 5	25°38	12°23	17° 1	15°44	28°19	n.a.	F 23
S 24	9 33 53	25°30'48	17°52	8°10	10°27	3°12	15°26	16° 2	6° 6	25°37	12°22	17° 2	15°41	28°25	n.a.	S 24
S 25	9 37 49	26°29'46	1♋45	7°55	11°33	2°54	15°22	16° 8	6° 7	25°36	12°22	17° 4	15°37	28°32	n.a.	S 25
M26	9 41 46	27°28'43	16° 5	7°33	12°39	2°36	15°17	16°14	6° 9	25°34	12°22	17°R 4	15°34	28°39	n.a.	M26
T 27	9 45 42	28°27'37	0♌50	7° 5	13°45	2°19	15°13	16°20	6°10	25°33	12°22	17° 4	15°31	28°45	n.a.	T 27
W28	9 49 39	29♒26'29	15♌54	6♓32	14♑51	2♌ 3	15♋ 9	16♈26	6♐11	25♋31	12♊22	17♋ 1	15♋28	28♒52	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s52	16n57	3n 3	17s33	0s40	19s55	3n11	21n59	4n38	23n46	1n10	3n30	2s19	21s36	0s 3	21n53	0n39	23n54	1n15	22n38	22n44	16s 8		n.a.
F 2	19 37	12 26	4 4	16 49	0 30	20 6	3 6	22 6	4 38	23 47	1 10	3 32	2 18	21 36	0 3	21 53	0 39	23 54	1 15	22 38	22 44	16 7		n.a.
S 3	19 23	7 14	4 47	16 5	0 19	20 16	3 2	22 13	4 39	23 48	1 10	3 34	2 18	21 37	0 3	21 53	0 39	23 54	1 15	22 38	22 45	16 5		n.a.
S 4	19 8	1 45	5 11	15 19	0 7	20 26	2 57	22 19	4 39	23 49	1 10	3 36	2 18	21 37	0 3	21 54	0 39	23 54	1 16	22 39	22 45	16 3		n.a.
M 5	18 53	3s41	5 15	14 33	0n 5	20 36	2 52	22 26	4 39	23 50	1 10	3 38	2 18	21 37	0 3	21 54	0 39	23 54	1 16	22 39	22 45	16 2		n.a.
T 6	18 38	8 46	5 1	13 47	0 18	20 45	2 47	22 32	4 39	23 51	1 10	3 40	2 17	21 38	0 3	21 54	0 39	23 54	1 16	22 39	22 46	16 0		n.a.
W 7	18 22	13 18	4 31	13 1	0 31	20 54	2 42	22 39	4 39	23 52	1 10	3 42	2 17	21 38	0 3	21 55	0 39	23 54	1 16	22 39	22 46	15 58		n.a.
T 8	18 6	17 6	3 47	12 16	0 44	21 2	2 37	22 45	4 39	23 53	1 10	3 44	2 17	21 39	0 3	21 55	0 39	23 54	1 16	22 39	22 47	15 57		n.a.
F 9	17 50	19 59	2 54	11 31	0 57	21 10	2 32	22 51	4 39	23 54	1 10	3 47	2 17	21 39	0 3	21 55	0 39	23 54	1 16	22 39	22 47	15 55		n.a.
S 10	17 33	21 53	1 53	10 48	1 11	21 18	2 27	22 57	4 38	23 55	1 10	3 49	2 16	21 39	0 3	21 55	0 39	23 54	1 16	22 38	22 47	15 53		n.a.
S 11	17 16	22 43	0 48	10 6	1 24	21 25	2 22	23 3	4 38	23 56	1 10	3 51	2 16	21 40	0 3	21 56	0 39	23 54	1 16	22 38	22 48	15 51		n.a.
M12	16 59	22 28	0s18	9 26	1 38	21 31	2 17	23 8	4 37	23 57	1 10	3 53	2 16	21 40	0 3	21 56	0 39	23 54	1 16	22 38	22 48	15 50		n.a.
T 13	16 42	21 11	1 22	8 48	1 51	21 37	2 12	23 14	4 36	23 57	1 10	3 55	2 16	21 40	0 3	21 56	0 39	23 54	1 16	22 38	22 49	15 48		n.a.
W14	16 24	18 59	2 23	8 12	2 5	21 42	2 7	23 19	4 35	23 58	1 10	3 58	2 15	21 41	0 3	21 57	0 39	23 54	1 16	22 39	22 49	15 46		n.a.
T 15	16 6	15 59	3 17	7 39	2 17	21 47	2 2	23 24	4 34	23 59	1 10	4 0	2 15	21 41	0 3	21 57	0 39	23 54	1 16	22 39	22 49	15 45		n.a.
F 16	15 48	12 20	4 3	7 10	2 30	21 52	1 57	23 29	4 33	23 59	1 10	4 2	2 15	21 41	0 3	21 57	0 39	23 54	1 16	22 40	22 50	15 43		n.a.
S 17	15 29	8 13	4 38	6 43	2 41	21 56	1 51	23 33	4 32	24 0	1 10	4 5	2 15	21 42	0 3	21 58	0 39	23 54	1 16	22 41	22 50	15 41		n.a.
S 18	15 10	3 46	5 1	6 20	2 52	21 59	1 46	23 38	4 31	24 1	1 10	4 7	2 14	21 42	0 3	21 58	0 39	23 54	1 16	22 41	22 51	15 39		n.a.
M19	14 51	0n52	5 11	6 0	3 2	22 2	1 41	23 42	4 29	24 1	1 10	4 9	2 14	21 42	0 3	21 58	0 39	23 54	1 16	22 42	22 51	15 38		n.a.
T 20	14 32	5 31	5 8	5 44	3 11	22 4	1 36	23 45	4 28	24 2	1 10	4 12	2 14	21 42	0 3	21 58	0 39	23 54	1 16	22 42	22 51	15 36		n.a.
W21	14 13	10 3	4 50	5 32	3 19	22 6	1 32	23 49	4 26	24 3	1 10	4 14	2 14	21 43	0 3	21 59	0 39	23 54	1 16	22 43	22 52	15 34		n.a.
T 22	13 53	14 15	4 18	5 24	3 25	22 7	1 27	23 52	4 24	24 3	1 10	4 17	2 13	21 43	0 4	21 59	0 39	23 54	1 16	22 43	22 52	15 32		n.a.
F 23	13 33	17 54	3 31	5 20	3 31	22 7	1 22	23 55	4 23	24 4	1 10	4 19	2 13	21 43	0 4	21 59	0 39	23 54	1 16	22 43	22 52	15 31		n.a.
S 24	13 13	20 44	2 32	5 19	3 35	22 7	1 17	23 58	4 21	24 4	1 10	4 22	2 13	21 43	0 4	22 0	0 39	23 54	1 16	22 43	22 53	15 29		n.a.
S 25	12 53	22 26	1 22	5 23	3 37	22 7	1 12	24 1	4 19	24 5	1 10	4 24	2 13	21 44	0 4	22 0	0 39	23 54	1 16	22 43	22 53	15 27		n.a.
M26	12 32	22 45	0 5	5 31	3 38	22 6	1 7	24 3	4 17	24 5	1 10	4 27	2 13	21 44	0 4	22 0	0 39	23 54	1 16	22 42	22 54	15 25		n.a.
T 27	12 12	21 30	1n14	5 42	3 37	22 4	1 2	24 5	4 15	24 6	1 10	4 29	2 12	21 44	0 4	22 0	0 39	23 54	1 16	22 43	22 54	15 23		n.a.
W28	11s51	18n42	2n30	5s56	3n35	22s 1	0n58	24n 7	4n13	24n 6	1n10	4n32	2s12	21s44	0s 4	22n 1	0n39	23n54	1n16	22n43	22n54	15s22		n.a.

Julian Day Number = 1343785.5, Delta T = 07h13m25s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'56, Lahiri = -18°13'55 Julian Calendar 1 Feb. 1034 BCE == Greg. Calendar 22 Jan. 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

MARCH 1034 BCE (-1033) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 53 35	0♓25'18	1♍10	5°R55	15♉57	1°R47	15°R 5	16♈32	6♐12	25°R30	12°R22	16°R57	15♋25	28♒59	n.a.	T 1
F 2	9 57 32	1°24'05	16°27	5♓15	17° 4	1♌32	15♋ 2	16°39	6°13	25♋29	12♊21	16♋51	15°22	29° 5	n.a.	F 2
S 3	10 1 29	2°22'50	1♎34	4°31	18°11	1°18	14°58	16°45	6°14	25°28	12°21	16°44	15°18	29°12	n.a.	S 3
S 4	10 5 25	3°21'33	16°22	3°46	19°18	1° 4	14°55	16°52	6°15	25°26	12°21	16°37	15°15	29°19	n.a.	S 4
M 5	10 9 22	4°20'15	0♏45	3° 0	20°25	0°51	14°52	16°58	6°16	25°25	12°21	16°31	15°12	29°25	n.a.	M 5
T 6	10 13 18	5°18'54	14°38	2°14	21°32	0°39	14°49	17° 5	6°17	25°24	12°D21	16°27	15° 9	29°32	n.a.	T 6
W 7	10 17 15	6°17'32	28° 2	1°28	22°39	0°28	14°46	17°11	6°17	25°23	12°21	16°25	15° 6	29°39	n.a.	W 7
T 8	10 21 11	7°16'08	11♐ 0	0°45	23°47	0°17	14°44	17°18	6°18	25°22	12°21	16°D25	15° 3	29°45	n.a.	T 8
F 9	10 25 8	8°14'42	23°35	0° 3	24°54	0° 8	14°41	17°25	6°19	25°20	12°21	16°26	14°59	29°52	n.a.	F 9
S 10	10 29 4	9°13'14	5♑52	29♒25	26° 2	29♋59	14°39	17°31	6°19	25°19	12°21	16°27	14°56	29°59	n.a.	S 10
S 11	10 33 1	10°11'45	17°56	28°50	27° 9	29°51	14°37	17°38	6°20	25°18	12°22	16°R27	14°53	0♓ 6	n.a.	S 11
M12	10 36 58	11°10'14	29°50	28°19	28°17	29°43	14°35	17°45	6°20	25°17	12°22	16°26	14°50	0°12	n.a.	M12
T 13	10 40 54	12° 8'41	11♒40	27°53	29°25	29°37	14°33	17°52	6°21	25°16	12°22	16°23	14°47	0°19	n.a.	T 13
W14	10 44 51	13° 7'06	23°28	27°31	0♒33	29°31	14°32	17°59	6°21	25°15	12°22	16°17	14°43	0°26	n.a.	W14
T 15	10 48 47	14° 5'29	5♓18	27°14	1°42	29°26	14°31	18° 6	6°22	25°14	12°22	16° 9	14°40	0°32	n.a.	T 15
F 16	10 52 44	15° 3'50	17°10	27° 2	2°50	29°22	14°29	18°13	6°22	25°13	12°23	15°59	14°37	0°39	n.a.	F 16
S 17	10 56 40	16° 2'09	29° 6	26°55	3°58	29°18	14°29	18°20	6°22	25°12	12°23	15°48	14°34	0°46	n.a.	S 17
S 18	11 0 37	17° 0'26	11♈ 9	26°D53	5° 7	29°16	14°28	18°27	6°22	25°11	12°23	15°36	14°31	0°52	n.a.	S 18
M19	11 4 33	17°58'41	23°19	26°56	6°15	29°14	14°27	18°34	6°23	25°10	12°23	15°26	14°28	0°59	n.a.	M19
T 20	11 8 30	18°56'54	5♉38	27° 5	7°24	29°13	14°27	18°41	6°23	25°10	12°24	15°17	14°24	1° 6	n.a.	T 20
W21	11 12 26	19°55'05	18° 8	27°18	8°33	29°D13	14°27	18°49	6°R23	25° 9	12°24	15°10	14°21	1°12	n.a.	W21
T 22	11 16 23	20°53'14	0♊52	27°35	9°41	29°13	14°D27	18°56	6°23	25° 8	12°24	15° 6	14°18	1°19	n.a.	T 22
F 23	11 20 20	21°51'21	13°53	27°57	10°50	29°14	14°27	19° 3	6°23	25° 7	12°25	15° 4	14°15	1°26	n.a.	F 23
S 24	11 24 16	22°49'26	27°14	28°24	11°59	29°16	14°27	19°11	6°23	25° 7	12°25	15°D 4	14°12	1°32	n.a.	S 24
S 25	11 28 13	23°47'29	10♋56	28°55	13° 8	29°19	14°28	19°18	6°22	25° 6	12°26	15°R 4	14° 8	1°39	n.a.	S 25
M26	11 32 9	24°45'29	25° 3	29°29	14°17	29°23	14°29	19°26	6°22	25° 5	12°26	15° 4	14° 5	1°46	n.a.	M26
T 27	11 36 6	25°43'28	9♌34	0♓ 8	15°27	29°27	14°29	19°33	6°22	25° 4	12°27	15° 2	14° 2	1°53	n.a.	T 27
W28	11 40 2	26°41'24	24°25	0°50	16°36	29°32	14°31	19°40	6°22	25° 4	12°27	14°57	13°59	1°59	n.a.	W28
T 29	11 43 59	27°39'19	9♍31	1°37	17°45	29°37	14°32	19°48	6°21	25° 3	12°28	14°50	13°56	2° 6	n.a.	T 29
F 30	11 47 55	28°37'12	24°43	2°26	18°55	29°44	14°33	19°56	6°21	25° 3	12°28	14°41	13°53	2°13	n.a.	F 30
S 31	11 51 52	29♓35'03	9♎50	3♓19	20♒ 4	29♋51	14♋35	20♈ 3	6♐20	25♋ 2	12♊29	14♋31	13♋49	2♓19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11s30	14n35	3n36	6s14	3n30	21s58	0n53	24n 8	4n11	24n 6	1n10	4n35	2s12	21s45	0s 4	22n 1	0n39	23n54	1n16	22n43	22n55	15s20			n.a.
F 2	11 9	9 30	4 27	6 34	3 25	21 55	0 48	24 10	4 8	24 7	1 10	4 37	2 12	21 45	0 4	22 1	0 39	23 54	1 17	22 44	22 55	15 18			n.a.
S 3	10 47	3 54	4 58	6 57	3 17	21 51	0 44	24 11	4 6	24 7	1 10	4 40	2 12	21 45	0 4	22 1	0 39	23 54	1 17	22 45	22 55	15 16			n.a.
S 4	10 26	1s48	5 8	7 22	3 8	21 46	0 39	24 12	4 4	24 7	1 10	4 43	2 11	21 45	0 4	22 2	0 39	23 54	1 17	22 46	22 56	15 14			n.a.
M 5	10 4	7 15	4 59	7 48	2 58	21 40	0 34	24 12	4 1	24 8	1 10	4 45	2 11	21 45	0 4	22 2	0 39	23 54	1 17	22 47	22 56	15 13			n.a.
T 6	9 43	12 9	4 32	8 16	2 46	21 34	0 30	24 13	3 59	24 8	1 10	4 48	2 11	21 45	0 4	22 2	0 39	23 54	1 17	22 47	22 57	15 11			n.a.
W 7	9 21	16 17	3 51	8 44	2 33	21 28	0 25	24 13	3 56	24 8	1 9	4 51	2 11	21 46	0 4	22 2	0 39	23 54	1 17	22 47	22 57	15 9			n.a.
T 8	8 59	19 29	2 59	9 13	2 19	21 21	0 21	24 13	3 54	24 8	1 9	4 53	2 11	21 46	0 4	22 2	0 39	23 54	1 17	22 47	22 57	15 7			n.a.
F 9	8 36	21 40	2 0	9 41	2 5	21 13	0 17	24 12	3 51	24 8	1 9	4 56	2 10	21 46	0 4	22 3	0 39	23 54	1 17	22 47	22 58	15 5			n.a.
S 10	8 14	22 44	0 57	10 9	1 49	21 4	0 12	24 12	3 49	24 9	1 9	4 59	2 10	21 46	0 4	22 3	0 39	23 54	1 17	22 47	22 58	15 3			n.a.
S 11	7 52	22 44	0s 8	10 36	1 34	20 55	0 8	24 11	3 46	24 9	1 9	5 2	2 10	21 46	0 4	22 3	0 39	23 54	1 17	22 47	22 58	15 2			n.a.
M12	7 29	21 40	1 11	11 2	1 18	20 46	0 4	24 10	3 44	24 9	1 9	5 5	2 10	21 46	0 4	22 3	0 39	23 54	1 17	22 47	22 59	15 0			n.a.
T 13	7 7	19 39	2 11	11 26	1 2	20 36	0s 0	24 9	3 41	24 9	1 9	5 7	2 10	21 46	0 4	22 3	0 39	23 54	1 17	22 48	22 59	14 58			n.a.
W14	6 44	16 49	3 5	11 49	0 46	20 25	0 4	24 8	3 38	24 9	1 9	5 10	2 10	21 46	0 4	22 4	0 39	23 54	1 17	22 48	22 59	14 56			n.a.
T 15	6 21	13 17	3 51	12 9	0 30	20 14	0 8	24 6	3 36	24 9	1 9	5 13	2 9	21 46	0 4	22 4	0 39	23 54	1 17	22 49	23 0	14 54			n.a.
F 16	5 58	9 14	4 27	12 28	0 14	20 2	0 12	24 5	3 33	24 9	1 9	5 16	2 9	21 47	0 4	22 4	0 39	23 54	1 17	22 51	23 0	14 52			n.a.
S 17	5 36	4 48	4 51	12 45	0s 1	19 49	0 16	24 3	3 30	24 9	1 9	5 19	2 9	21 47	0 4	22 4	0 39	23 55	1 17	22 52	23 0	14 51			n.a.
S 18	5 13	0 9	5 3	12 59	0 16	19 37	0 20	24 1	3 28	24 9	1 8	5 22	2 9	21 47	0 4	22 4	0 39	23 55	1 17	22 53	23 1	14 49			n.a.
M19	4 50	4n33	5 1	13 11	0 30	19 23	0 23	23 58	3 25	24 9	1 8	5 25	2 9	21 47	0 4	22 4	0 39	23 55	1 17	22 55	23 1	14 47			n.a.
T 20	4 26	9 8	4 45	13 21	0 43	19 9	0 27	23 56	3 22	24 9	1 8	5 28	2 9	21 47	0 4	22 5	0 39	23 55	1 17	22 56	23 2	14 45			n.a.
W21	4 3	13 25	4 15	13 29	0 56	18 54	0 31	23 54	3 20	24 9	1 8	5 30	2 8	21 47	0 4	22 5	0 39	23 55	1 17	22 56	23 2	14 43			n.a.
T 22	3 40	17 12	3 32	13 34	1 9	18 39	0 34	23 51	3 17	24 9	1 8	5 33	2 8	21 47	0 4	22 5	0 39	23 55	1 17	22 57	23 2	14 41			n.a.
F 23	3 17	20 13	2 38	13 38	1 20	18 24	0 38	23 48	3 14	24 9	1 8	5 36	2 8	21 47	0 4	22 5	0 39	23 55	1 17	22 57	23 3	14 39			n.a.
S 24	2 53	22 14	1 33	13 38	1 31	18 7	0 41	23 45	3 12	24 9	1 8	5 39	2 8	21 47	0 4	22 5	0 39	23 55	1 17	22 57	23 3	14 37			n.a.
S 25	2 30	23 0	0 22	13 37	1 41	17 51	0 44	23 42	3 9	24 8	1 8	5 42	2 8	21 47	0 4	22 5	0 39	23 55	1 17	22 57	23 3	14 36			n.a.
M26	2 7	22 19	0n53	13 34	1 51	17 34	0 48	23 39	3 7	24 8	1 8	5 45	2 8	21 47	0 4	22 5	0 39	23 55	1 17	22 57	23 4	14 34			n.a.
T 27	1 44	20 10	2 6	13 28	2 0	17 16	0 51	23 35	3 4	24 8	1 8	5 48	2 8	21 47	0 4	22 6	0 39	23 55	1 17	22 57	23 4	14 32			n.a.
W28	1 20	16 36	3 13	13 20	2 8	16 58	0 54	23 31	3 1	24 8	1 7	5 51	2 7	21 47	0 4	22 6	0 39	23 56	1 17	22 58	23 4	14 30			n.a.
T 29	0 57	11 55	4 7	13 10	2 15	16 39	0 57	23 28	2 59	24 8	1 7	5 54	2 7	21 47	0 4	22 6	0 39	23 56	1 17	22 59	23 5	14 28			n.a.
F 30	0 33	6 27	4 44	12 58	2 22	16 20	1 0	23 24	2 56	24 7	1 7	5 57	2 7	21 46	0 4	22 6	0 39	23 56	1 17	23 0	23 5	14 26			n.a.
S 31	0s10	0n39	5n 1	12s44	2s28	16s 0	1s 2	23n20	2n54	24n 7	1n 7	6n 0	2s 7	21s46	0s 4	22n 6	0n39	23n56	1n17	23n 1	23n 5	14s24			n.a.

Julian Day Number = 1343813.5, Delta T = 07h13m23s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'52, Lahiri = -18°13'52 Julian Calendar 1 March 1034 BCE == Greg. Calendar 19 Feb. 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

APRIL 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 55 48	0♈32'52	24♎41	4♓15	21♒14	29♋58	14♋37	20♈11	6°R20	25°R 2	12♊30	14°R20	13♋46	2♓26	n.a.	S 1
M 2	11 59 45	1°30'40	9♏10	5°14	22°23	0♌ 6	14°39	20°18	6♐19	25♋ 1	12°30	14♋11	13°43	2°33	n.a.	M 2
T 3	12 3 42	2°28'26	23°10	6°16	23°33	0°15	14°41	20°26	6°19	25° 1	12°31	14° 4	13°40	2°39	n.a.	T 3
W 4	12 7 38	3°26'12	6♐40	7°21	24°43	0°25	14°43	20°34	6°18	25° 0	12°32	13°59	13°37	2°46	n.a.	W 4
T 5	12 11 35	4°23'56	19°43	8°29	25°52	0°35	14°46	20°41	6°17	25° 0	12°32	13°57	13°34	2°53	n.a.	T 5
F 6	12 15 31	5°21'39	2♑20	9°40	27° 2	0°45	14°48	20°49	6°17	25° 0	12°33	13°D56	13°30	2°59	n.a.	F 6
S 7	12 19 28	6°19'20	14°38	10°53	28°12	0°57	14°51	20°57	6°16	24°59	12°34	13°R56	13°27	3° 6	n.a.	S 7
S 8	12 23 24	7°17'00	26°41	12° 9	29°22	1° 9	14°54	21° 5	6°15	24°59	12°35	13°56	13°24	3°13	n.a.	S 8
M 9	12 27 21	8°14'39	8♒34	13°27	0♓32	1°21	14°58	21°12	6°14	24°59	12°36	13°54	13°21	3°20	n.a.	M 9
T 10	12 31 17	9°12'17	20°23	14°48	1°42	1°34	15° 1	21°20	6°13	24°59	12°36	13°50	13°18	3°26	n.a.	T 10
W11	12 35 14	10° 9'54	2♓11	16°11	2°53	1°48	15° 5	21°28	6°12	24°58	12°37	13°43	13°14	3°33	n.a.	W11
T 12	12 39 11	11° 7'29	14° 3	17°36	4° 3	2° 2	15° 8	21°36	6°11	24°58	12°38	13°33	13°11	3°40	n.a.	T 12
F 13	12 43 7	12° 5'03	26° 0	19° 4	5°13	2°16	15°12	21°44	6°10	24°58	12°39	13°21	13° 8	3°46	n.a.	F 13
S 14	12 47 4	13° 2'36	8♈ 4	20°34	6°23	2°31	15°16	21°51	6° 9	24°58	12°40	13° 8	13° 5	3°53	n.a.	S 14
S 15	12 51 0	14° 0'08	20°18	22° 7	7°34	2°47	15°20	21°59	6° 8	24°58	12°41	12°54	13° 2	4° 0	n.a.	S 15
M16	12 54 57	14°57'38	2♉41	23°41	8°44	3° 3	15°25	22° 7	6° 7	24°D58	12°42	12°41	12°59	4° 6	n.a.	M16
T 17	12 58 53	15°55'07	15°13	25°18	9°55	3°20	15°29	22°15	6° 6	24°58	12°43	12°30	12°55	4°13	n.a.	T 17
W18	13 2 50	16°52'35	27°57	26°58	11° 5	3°37	15°34	22°23	6° 4	24°58	12°44	12°22	12°52	4°20	n.a.	W18
T 19	13 6 46	17°50'01	10♊52	28°39	12°16	3°55	15°39	22°31	6° 3	24°58	12°45	12°16	12°49	4°26	n.a.	T 19
F 20	13 10 43	18°47'26	24° 0	0♈23	13°26	4°13	15°44	22°39	6° 2	24°58	12°46	12°13	12°46	4°33	n.a.	F 20
S 21	13 14 40	19°44'50	7♋24	2° 9	14°37	4°31	15°49	22°46	6° 0	24°58	12°47	12°13	12°43	4°40	n.a.	S 21
S 22	13 18 36	20°42'12	21° 4	3°58	15°48	4°50	15°54	22°54	5°59	24°59	12°48	12°13	12°39	4°47	n.a.	S 22
M23	13 22 33	21°39'33	5♌ 2	5°48	16°58	5°10	16° 0	23° 2	5°57	24°59	12°49	12°12	12°36	4°53	n.a.	M23
T 24	13 26 29	22°36'53	19°19	7°41	18° 9	5°30	16° 5	23°10	5°56	24°59	12°50	12°10	12°33	5° 0	n.a.	T 24
W25	13 30 26	23°34'11	3♍52	9°36	19°20	5°50	16°11	23°18	5°54	24°59	12°51	12° 6	12°30	5° 7	n.a.	W25
T 26	13 34 22	24°31'28	18°38	11°33	20°31	6°11	16°17	23°26	5°53	25° 0	12°52	11°59	12°27	5°13	n.a.	T 26
F 27	13 38 19	25°28'44	3♎30	13°32	21°42	6°32	16°23	23°34	5°51	25° 0	12°53	11°50	12°24	5°20	n.a.	F 27
S 28	13 42 15	26°25'58	18°20	15°33	22°53	6°53	16°29	23°42	5°49	25° 0	12°55	11°39	12°20	5°27	n.a.	S 28
S 29	13 46 12	27°23'12	3♏ 0	17°36	24° 4	7°15	16°35	23°50	5°48	25° 1	12°56	11°29	12°17	5°33	n.a.	S 29
M30	13 50 9	28♈20'25	17♏20	19♈41	25♓15	7♌37	16♋42	23♈58	5♐46	25♋ 1	12♊57	11♋19	12♋14	5♓40	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n13	5s 7	4n57	12s28	2s33	15s41	1s 5	23n16	2n51	24n 7	1n 7	6n 3	2s 7	21s46	0s 4	22n 6	0n39	23n56	1n18	23n 2	23n 6	14s22		n.a.
M 2	0 37	10 27	4 34	12 10	2 37	15 20	1 8	23 11	2 49	24 6	1 7	6 6	2 7	21 46	0 4	22 6	0 39	23 56	1 18	23 3	23 6	14 20		n.a.
T 3	1 0	15 4	3 55	11 51	2 41	14 59	1 10	23 7	2 46	24 6	1 7	6 9	2 7	21 46	0 4	22 6	0 39	23 56	1 18	23 4	23 6	14 18		n.a.
W 4	1 23	18 45	3 4	11 29	2 44	14 38	1 13	23 3	2 44	24 6	1 7	6 12	2 7	21 46	0 4	22 6	0 39	23 56	1 18	23 4	23 7	14 16		n.a.
T 5	1 46	21 20	2 5	11 5	2 47	14 16	1 15	22 58	2 41	24 5	1 7	6 15	2 7	21 46	0 4	22 6	0 39	23 56	1 18	23 4	23 7	14 14		n.a.
F 6	2 10	22 47	1 1	10 40	2 49	13 54	1 18	22 53	2 39	24 5	1 6	6 18	2 6	21 46	0 4	22 6	0 39	23 57	1 18	23 5	23 7	14 12		n.a.
S 7	2 33	23 4	0s 4	10 13	2 50	13 32	1 20	22 48	2 36	24 4	1 6	6 21	2 6	21 46	0 4	22 6	0 39	23 57	1 18	23 5	23 8	14 11		n.a.
S 8	2 56	22 15	1 7	9 44	2 50	13 9	1 22	22 43	2 34	24 4	1 6	6 24	2 6	21 46	0 4	22 6	0 39	23 57	1 18	23 5	23 8	14 9		n.a.
M 9	3 19	20 26	2 6	9 13	2 50	12 46	1 24	22 38	2 32	24 3	1 6	6 27	2 6	21 45	0 4	22 6	0 39	23 57	1 18	23 5	23 8	14 7		n.a.
T 10	3 42	17 46	3 0	8 40	2 49	12 22	1 26	22 33	2 29	24 3	1 6	6 30	2 6	21 45	0 4	22 6	0 39	23 57	1 18	23 5	23 9	14 5		n.a.
W11	4 5	14 22	3 46	8 6	2 48	11 58	1 28	22 27	2 27	24 2	1 6	6 33	2 6	21 45	0 4	22 7	0 39	23 57	1 18	23 6	23 9	14 3		n.a.
T 12	4 28	10 23	4 22	7 31	2 46	11 34	1 30	22 22	2 24	24 2	1 6	6 36	2 6	21 45	0 4	22 7	0 39	23 57	1 18	23 7	23 9	14 1		n.a.
F 13	4 51	5 59	4 46	6 53	2 43	11 10	1 31	22 16	2 22	24 1	1 6	6 39	2 6	21 45	0 4	22 7	0 39	23 58	1 18	23 8	23 9	13 59		n.a.
S 14	5 14	1 19	4 59	6 14	2 40	10 45	1 33	22 10	2 20	24 1	1 6	6 42	2 6	21 45	0 4	22 7	0 39	23 58	1 18	23 10	23 10	13 57		n.a.
S 15	5 36	3n28	4 57	5 34	2 36	10 20	1 35	22 5	2 18	24 0	1 5	6 45	2 6	21 44	0 4	22 7	0 39	23 58	1 18	23 11	23 10	13 55		n.a.
M16	5 59	8 11	4 42	4 51	2 32	9 54	1 36	21 59	2 15	24 0	1 5	6 48	2 6	21 44	0 4	22 7	0 39	23 58	1 18	23 12	23 10	13 53		n.a.
T 17	6 22	12 38	4 13	4 8	2 27	9 28	1 38	21 52	2 13	23 59	1 5	6 51	2 6	21 44	0 4	22 7	0 39	23 58	1 18	23 13	23 11	13 51		n.a.
W18	6 44	16 35	3 31	3 23	2 21	9 2	1 39	21 46	2 11	23 58	1 5	6 54	2 5	21 44	0 4	22 7	0 39	23 58	1 18	23 14	23 11	13 49		n.a.
T 19	7 6	19 50	2 37	2 36	2 15	8 36	1 40	21 40	2 9	23 58	1 5	6 57	2 5	21 44	0 4	22 6	0 39	23 59	1 18	23 14	23 11	13 47		n.a.
F 20	7 28	22 6	1 35	1 48	2 8	8 10	1 41	21 33	2 7	23 57	1 5	7 1	2 5	21 43	0 4	22 6	0 39	23 59	1 18	23 15	23 12	13 45		n.a.
S 21	7 51	23 11	0 25	0 59	2 1	7 43	1 42	21 27	2 4	23 56	1 5	7 4	2 5	21 43	0 4	22 6	0 39	23 59	1 18	23 15	23 12	13 43		n.a.
S 22	8 12	22 54	0n47	0 8	1 53	7 16	1 43	21 20	2 2	23 55	1 5	7 7	2 5	21 43	0 4	22 6	0 39	23 59	1 18	23 15	23 12	13 41		n.a.
M23	8 34	21 13	1 58	0n44	1 45	6 49	1 44	21 13	2 0	23 55	1 5	7 10	2 5	21 43	0 4	22 6	0 39	23 59	1 18	23 15	23 13	13 39		n.a.
T 24	8 56	18 9	3 3	1 37	1 37	6 22	1 45	21 6	1 58	23 54	1 4	7 13	2 5	21 42	0 4	22 6	0 39	23 59	1 18	23 15	23 13	13 37		n.a.
W25	9 18	13 55	3 57	2 31	1 28	5 54	1 45	20 59	1 56	23 53	1 4	7 16	2 5	21 42	0 4	22 6	0 39	24 0	1 18	23 15	23 13	13 35		n.a.
T 26	9 39	8 48	4 37	3 26	1 18	5 26	1 46	20 52	1 54	23 52	1 4	7 19	2 5	21 42	0 4	22 6	0 39	24 0	1 18	23 16	23 13	13 33		n.a.
F 27	10 0	3 8	4 58	4 22	1 9	4 58	1 47	20 44	1 52	23 51	1 4	7 22	2 5	21 42	0 4	22 6	0 39	24 0	1 19	23 17	23 14	13 31		n.a.
S 28	10 21	2s42	4 59	5 19	0 59	4 30	1 47	20 37	1 50	23 50	1 4	7 24	2 5	21 41	0 4	22 6	0 39	24 0	1 19	23 18	23 14	13 29		n.a.
S 29	10 42	8 19	4 41	6 16	0 48	4 2	1 47	20 29	1 48	23 50	1 4	7 27	2 5	21 41	0 4	22 6	0 39	24 0	1 19	23 19	23 14	13 27		n.a.
M30	11n 3	13s22	4n 4	7n14	0s38	3s34	1s48	20n22	1n46	23n49	1n 4	7n30	2s 5	21s41	0s 4	22n 6	0n39	24n 1	1n19	23n20	23n15	13s25		n.a.

Julian Day Number = 1343844.5, Delta T = 07h13m22s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'48, Lahiri = -18°13'47 Julian Calendar 1 Apr. 1034 BCE == Greg. Calendar 22 March 1034 BCE

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

MAY 1034 BCE (-1033) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 54 5	29♈17'38	1♐17	21♈47	26♓26	8♌ 0	16♋48	24♈ 5	5°R44	25♋ 2	12♊58	11°R12	12♋11	5♓47	n.a.	T 1
W 2	13 58 2	0♉14'50	14°48	23°55	27°37	8°23	16°55	24°13	5♐43	25° 2	13° 0	11♋ 7	12° 8	5°53	n.a.	W 2
T 3	14 1 58	1°12'01	27°52	26° 4	28°48	8°46	17° 2	24°21	5°41	25° 3	13° 1	11° 4	12° 5	6° 0	n.a.	T 3
F 4	14 5 55	2° 9'12	10♑32	28°14	29°59	9°10	17° 9	24°29	5°39	25° 3	13° 2	11°D 4	12° 1	6° 7	n.a.	F 4
S 5	14 9 51	3° 6'23	22°53	0♉25	1♈11	9°34	17°16	24°37	5°37	25° 4	13° 3	11° 4	11°58	6°14	n.a.	S 5
S 6	14 13 48	4° 3'33	4♒58	2°36	2°22	9°58	17°23	24°45	5°35	25° 4	13° 5	11°R 4	11°55	6°20	n.a.	S 6
M 7	14 17 44	5° 0'42	16°53	4°48	3°33	10°23	17°31	24°53	5°33	25° 5	13° 6	11° 4	11°52	6°27	n.a.	M 7
T 8	14 21 41	5°57'52	28°43	7° 0	4°45	10°48	17°38	25° 0	5°31	25° 6	13° 7	11° 1	11°49	6°34	n.a.	T 8
W 9	14 25 38	6°55'01	10♓34	9°11	5°56	11°13	17°46	25° 8	5°29	25° 7	13° 9	10°56	11°45	6°40	n.a.	W 9
T 10	14 29 34	7°52'09	22°29	11°22	7° 7	11°39	17°54	25°16	5°27	25° 7	13°10	10°49	11°42	6°47	n.a.	T 10
F 11	14 33 31	8°49'18	4♈32	13°31	8°19	12° 5	18° 2	25°24	5°25	25° 8	13°11	10°40	11°39	6°54	n.a.	F 11
S 12	14 37 27	9°46'26	16°45	15°40	9°30	12°31	18°10	25°32	5°23	25° 9	13°13	10°29	11°36	7° 0	n.a.	S 12
S 13	14 41 24	10°43'34	29°10	17°48	10°42	12°57	18°18	25°39	5°21	25°10	13°14	10°19	11°33	7° 7	n.a.	S 13
M14	14 45 20	11°40'41	11♉48	19°54	11°54	13°24	18°26	25°47	5°19	25°11	13°16	10° 8	11°30	7°14	n.a.	M14
T 15	14 49 17	12°37'49	24°38	21°59	13° 5	13°51	18°34	25°55	5°17	25°11	13°17	10° 0	11°26	7°21	n.a.	T 15
W16	14 53 13	13°34'56	7♊41	24° 2	14°17	14°19	18°43	26° 2	5°14	25°12	13°18	9°54	11°23	7°27	n.a.	W16
T 17	14 57 10	14°32'02	20°56	26° 3	15°29	14°47	18°51	26°10	5°12	25°13	13°20	9°50	11°20	7°34	n.a.	T 17
F 18	15 1 7	15°29'08	4♋21	28° 2	16°40	15°15	19° 0	26°18	5°10	25°14	13°21	9°D48	11°17	7°41	n.a.	F 18
S 19	15 5 3	16°26'14	17°58	29°59	17°52	15°43	19° 9	26°25	5° 8	25°15	13°23	9°48	11°14	7°47	n.a.	S 19
S 20	15 9 0	17°23'19	1♌46	1♊54	19° 4	16°11	19°18	26°33	5° 5	25°16	13°24	9°49	11°11	7°54	n.a.	S 20
M21	15 12 56	18°20'24	15°45	3°47	20°16	16°40	19°27	26°40	5° 3	25°17	13°26	9°R50	11° 7	8° 1	n.a.	M21
T 22	15 16 53	19°17'29	29°55	5°39	21°28	17° 9	19°36	26°48	5° 1	25°19	13°27	9°49	11° 4	8° 7	n.a.	T 22
W23	15 20 49	20°14'32	14♍14	7°27	22°40	17°38	19°45	26°56	4°59	25°20	13°29	9°47	11° 1	8°14	n.a.	W23
T 24	15 24 46	21°11'36	28°39	9°14	23°52	18° 8	19°54	27° 3	4°56	25°21	13°30	9°43	10°58	8°21	n.a.	T 24
F 25	15 28 43	22° 8'39	13♎ 7	10°59	25° 4	18°37	20° 4	27°10	4°54	25°22	13°32	9°37	10°55	8°28	n.a.	F 25
S 26	15 32 39	23° 5'43	27°31	12°41	26°16	19° 7	20°13	27°18	4°52	25°23	13°33	9°30	10°51	8°34	n.a.	S 26
S 27	15 36 36	24° 2'46	11♏47	14°22	27°28	19°38	20°23	27°25	4°49	25°25	13°35	9°23	10°48	8°41	n.a.	S 27
M28	15 40 32	24°59'49	25°48	16° 0	28°40	20° 8	20°33	27°33	4°47	25°26	13°36	9°17	10°45	8°48	n.a.	M28
T 29	15 44 29	25°56'52	9♐30	17°36	29°52	20°39	20°42	27°40	4°44	25°27	13°38	9°12	10°42	8°54	n.a.	T 29
W30	15 48 25	26°53'56	22°51	19°10	1♑ 4	21°10	20°52	27°47	4°42	25°28	13°40	9° 9	10°39	9° 1	n.a.	W30
T 31	15 52 22	27♑51'00	5♑50	20♊42	2♑16	21♌41	21♋ 2	27♈54	4♐40	25♋30	13♊41	9°D 7	10♋36	9♓ 8	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n24	17s34	3n14	8n12	0s27	3s 5	1s48	20n14	1n44	23n48	1n 4	7n33	2s 5	21s40	0s 4	22n 6	0n39	24n 1	1n19	23n20	23n15	13s23		n.a.
W 2	11 44	20 42	2 15	9 10	0 17	2 37	1 48	20 6	1 42	23 47	1 4	7 36	2 5	21 40	0 4	22 6	0 39	24 1	1 19	23 21	23 15	13 21		n.a.
T 3	12 5	22 38	1 10	10 8	0 6	2 8	1 48	19 58	1 40	23 46	1 4	7 39	2 5	21 40	0 4	22 6	0 39	24 1	1 19	23 21	23 16	13 19		n.a.
F 4	12 25	23 21	0 3	11 5	0n 5	1 39	1 48	19 50	1 38	23 45	1 3	7 42	2 5	21 39	0 4	22 5	0 39	24 1	1 19	23 21	23 16	13 17		n.a.
S 5	12 45	22 52	1s 2	12 2	0 15	1 10	1 48	19 41	1 37	23 44	1 3	7 45	2 5	21 39	0 4	22 5	0 39	24 2	1 19	23 21	23 16	13 14		n.a.
S 6	13 4	21 19	2 4	12 58	0 26	0 41	1 48	19 33	1 35	23 43	1 3	7 48	2 5	21 39	0 4	22 5	0 39	24 2	1 19	23 21	23 16	13 12		n.a.
M 7	13 24	18 51	2 59	13 53	0 36	0 12	1 47	19 24	1 33	23 42	1 3	7 51	2 5	21 38	0 4	22 5	0 39	24 2	1 19	23 21	23 17	13 10		n.a.
T 8	13 43	15 37	3 45	14 47	0 45	0n17	1 47	19 16	1 31	23 41	1 3	7 54	2 5	21 38	0 4	22 5	0 38	24 2	1 19	23 21	23 17	13 8		n.a.
W 9	14 2	11 45	4 22	15 39	0 55	0 46	1 47	19 7	1 29	23 39	1 3	7 57	2 5	21 38	0 4	22 5	0 38	24 3	1 19	23 22	23 17	13 6		n.a.
T 10	14 21	7 26	4 48	16 29	1 4	1 15	1 46	18 58	1 28	23 38	1 3	8 0	2 5	21 37	0 4	22 5	0 38	24 3	1 19	23 22	23 18	13 4		n.a.
F 11	14 40	2 47	5 2	17 17	1 12	1 44	1 46	18 49	1 26	23 37	1 3	8 2	2 5	21 37	0 4	22 4	0 38	24 3	1 19	23 23	23 18	13 2		n.a.
S 12	14 58	2n 3	5 2	18 4	1 20	2 13	1 45	18 39	1 24	23 36	1 3	8 5	2 5	21 37	0 4	22 4	0 38	24 3	1 19	23 24	23 18	13 0		n.a.
S 13	15 17	6 52	4 48	18 48	1 27	2 42	1 44	18 30	1 22	23 35	1 3	8 8	2 5	21 36	0 4	22 4	0 38	24 3	1 19	23 25	23 18	12 58		n.a.
M14	15 35	11 30	4 19	19 30	1 34	3 12	1 43	18 21	1 21	23 34	1 3	8 11	2 5	21 36	0 5	22 4	0 38	24 4	1 19	23 25	23 19	12 56		n.a.
T 15	15 52	15 43	3 37	20 9	1 40	3 41	1 43	18 11	1 19	23 32	1 2	8 14	2 5	21 36	0 5	22 4	0 38	24 4	1 19	23 26	23 19	12 54		n.a.
W16	16 10	19 15	2 43	20 46	1 45	4 10	1 42	18 1	1 17	23 31	1 2	8 17	2 5	21 35	0 5	22 4	0 38	24 4	1 19	23 27	23 19	12 52		n.a.
T 17	16 27	21 51	1 39	21 21	1 50	4 39	1 41	17 52	1 15	23 30	1 2	8 19	2 5	21 35	0 5	22 3	0 38	24 4	1 19	23 27	23 20	12 49		n.a.
F 18	16 44	23 16	0 29	21 53	1 54	5 8	1 39	17 42	1 14	23 28	1 2	8 22	2 5	21 34	0 5	22 3	0 38	24 5	1 19	23 27	23 20	12 47		n.a.
S 19	17 1	23 19	0n44	22 22	1 57	5 36	1 38	17 32	1 12	23 27	1 2	8 25	2 5	21 34	0 5	22 3	0 38	24 5	1 20	23 27	23 20	12 45		n.a.
S 20	17 17	21 57	1 55	22 49	1 59	6 5	1 37	17 21	1 11	23 26	1 2	8 28	2 5	21 34	0 5	22 3	0 38	24 5	1 20	23 27	23 20	12 43		n.a.
M21	17 34	19 14	3 1	23 13	2 1	6 34	1 36	17 11	1 9	23 24	1 2	8 30	2 5	21 33	0 5	22 3	0 38	24 5	1 20	23 27	23 21	12 41		n.a.
T 22	17 50	15 21	3 56	23 35	2 2	7 2	1 35	17 0	1 7	23 23	1 2	8 33	2 5	21 33	0 5	22 2	0 38	24 6	1 20	23 27	23 21	12 39		n.a.
W23	18 5	10 33	4 38	23 55	2 3	7 31	1 33	16 50	1 6	23 22	1 2	8 36	2 5	21 32	0 5	22 2	0 38	24 6	1 20	23 27	23 21	12 37		n.a.
T 24	18 21	5 9	5 2	24 12	2 3	7 59	1 32	16 39	1 4	23 20	1 2	8 38	2 5	21 32	0 5	22 2	0 38	24 6	1 20	23 27	23 21	12 35		n.a.
F 25	18 36	0s33	5 7	24 27	2 2	8 27	1 30	16 28	1 3	23 19	1 2	8 41	2 5	21 32	0 5	22 2	0 38	24 6	1 20	23 28	23 22	12 33		n.a.
S 26	18 50	6 13	4 53	24 40	2 0	8 55	1 29	16 17	1 1	23 17	1 2	8 44	2 5	21 31	0 5	22 2	0 38	24 6	1 20	23 28	23 22	12 30		n.a.
S 27	19 5	11 29	4 20	24 51	1 58	9 23	1 27	16 6	1 0	23 16	1 2	8 46	2 5	21 31	0 5	22 1	0 38	24 7	1 20	23 29	23 22	12 28		n.a.
M28	19 19	16 4	3 33	24 59	1 56	9 51	1 25	15 55	0 58	23 14	1 2	8 49	2 5	21 30	0 5	22 1	0 38	24 7	1 20	23 29	23 22	12 26		n.a.
T 29	19 33	19 42	2 33	25 5	1 52	10 18	1 24	15 44	0 57	23 12	1 1	8 52	2 5	21 30	0 5	22 1	0 38	24 7	1 20	23 30	23 23	12 24		n.a.
W30	19 46	22 10	1 27	25 10	1 48	10 45	1 22	15 32	0 55	23 11	1 1	8 54	2 5	21 29	0 5	22 1	0 38	24 7	1 20	23 30	23 23	12 22		n.a.
T 31	20n 0	23s23	0n18	25n13	1n44	11n12	1s20	15n21	0n54	23n 9	1n 1	8n57	2s 5	21s29	0s 5	22n 0	0n38	24n 8	1n20	23n30	23n23	12s20		n.a.

Julian Day Number = 1343874.5, Delta T = 07h13m20s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'44, Lahiri = -18°13'43 Julian Calendar 1 May 1034 BCE == Greg. Calendar 21 Apr. 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

JUNE 1034 BCE (-1033) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 56 18	28♉48'05	18♋28	22♊11	3♉29	22♌12	21♋12	28♈ 2	4°R37	25♋31	13♊43	9♋ 8	10♋32	9♓14	n.a.	F 1
S 2	16 0 15	29°45'09	0♒49	23°39	4°41	22°43	21°22	28° 9	4♐35	25°33	13°44	9° 9	10°29	9°21	n.a.	S 2
S 3	16 4 12	0♊42'15	12°55	25° 4	5°53	23°15	21°33	28°16	4°32	25°34	13°46	9°11	10°26	9°28	n.a.	S 3
M 4	16 8 8	1°39'21	24°52	26°27	7° 6	23°47	21°43	28°23	4°30	25°35	13°48	9°12	10°23	9°35	n.a.	M 4
T 5	16 12 5	2°36'27	6♓45	27°47	8°18	24°19	21°53	28°30	4°28	25°37	13°49	9°R12	10°20	9°41	n.a.	T 5
W 6	16 16 1	3°33'35	18°37	29° 5	9°31	24°51	22° 4	28°37	4°25	25°38	13°51	9°11	10°17	9°48	n.a.	W 6
T 7	16 19 58	4°30'43	0♈35	0♋21	10°43	25°24	22°14	28°44	4°23	25°40	13°52	9° 8	10°13	9°55	n.a.	T 7
F 8	16 23 54	5°27'51	12°42	1°34	11°56	25°57	22°25	28°51	4°20	25°41	13°54	9° 4	10°10	10° 1	n.a.	F 8
S 9	16 27 51	6°25'01	25° 1	2°45	13° 8	26°30	22°36	28°58	4°18	25°43	13°56	8°59	10° 7	10° 8	n.a.	S 9
S 10	16 31 48	7°22'11	7♉36	3°53	14°21	27° 3	22°47	29° 5	4°16	25°45	13°57	8°54	10° 4	10°15	n.a.	S 10
M11	16 35 44	8°19'22	20°27	4°59	15°34	27°36	22°57	29°11	4°13	25°46	13°59	8°49	10° 1	10°22	n.a.	M11
T 12	16 39 41	9°16'33	3♊35	6° 2	16°46	28° 9	23° 8	29°18	4°11	25°48	14° 0	8°45	9°57	10°28	n.a.	T 12
W13	16 43 37	10°13'46	16°58	7° 2	17°59	28°43	23°19	29°25	4° 8	25°50	14° 2	8°42	9°54	10°35	n.a.	W13
T 14	16 47 34	11°10'59	0♋37	7°59	19°12	29°17	23°31	29°31	4° 6	25°51	14° 4	8°40	9°51	10°42	n.a.	T 14
F 15	16 51 30	12° 8'12	14°27	8°53	20°24	29°51	23°42	29°38	4° 3	25°53	14° 5	8°D40	9°48	10°48	n.a.	F 15
S 16	16 55 27	13° 5'26	28°27	9°43	21°37	0♍25	23°53	29°44	4° 1	25°55	14° 7	8°41	9°45	10°55	n.a.	S 16
S 17	16 59 23	14° 2'41	12♌33	10°31	22°50	0°59	24° 4	29°51	3°59	25°56	14° 9	8°43	9°42	11° 2	n.a.	S 17
M18	17 3 20	14°59'56	26°44	11°15	24° 3	1°34	24°16	29°57	3°56	25°58	14°10	8°44	9°38	11° 8	n.a.	M18
T 19	17 7 17	15°57'12	10♍58	11°55	25°16	2° 9	24°27	0♉ 4	3°54	26° 0	14°12	8°R45	9°35	11°15	n.a.	T 19
W20	17 11 13	16°54'28	25°11	12°31	26°29	2°44	24°39	0°10	3°52	26° 2	14°13	8°44	9°32	11°22	n.a.	W20
T 21	17 15 10	17°51'45	9♎22	13° 4	27°42	3°19	24°50	0°16	3°49	26° 4	14°15	8°43	9°29	11°29	n.a.	T 21
F 22	17 19 6	18°49'03	23°27	13°32	28°55	3°54	25° 2	0°22	3°47	26° 5	14°17	8°41	9°26	11°35	n.a.	F 22
S 23	17 23 3	19°46'21	7♏25	13°56	0♊ 8	4°29	25°13	0°28	3°45	26° 7	14°18	8°39	9°22	11°42	n.a.	S 23
S 24	17 26 59	20°43'40	21°13	14°15	1°21	5° 5	25°25	0°34	3°42	26° 9	14°20	8°37	9°19	11°49	n.a.	S 24
M25	17 30 56	21°41'00	4♐48	14°29	2°34	5°40	25°37	0°40	3°40	26°11	14°22	8°34	9°16	11°55	n.a.	M25
T 26	17 34 53	22°38'21	18° 8	14°39	3°48	6°16	25°49	0°46	3°38	26°13	14°23	8°33	9°13	12° 2	n.a.	T 26
W27	17 38 49	23°35'43	1♑11	14°R44	5° 1	6°52	26° 1	0°52	3°36	26°15	14°25	8°32	9°10	12° 9	n.a.	W27
T 28	17 42 46	24°33'06	13°58	14°43	6°14	7°28	26°13	0°58	3°33	26°17	14°26	8°D32	9° 7	12°16	n.a.	T 28
F 29	17 46 42	25°30'30	26°29	14°38	7°27	8° 4	26°25	1° 4	3°31	26°19	14°28	8°33	9° 3	12°22	n.a.	F 29
S 30	17 50 39	26♊27'56	8♒45	14♋27	8♊41	8♍41	26♋37	1♉ 9	3♐29	26♋21	14♊30	8♋33	9♋ 0	12♓29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n12	23s21	0s51	25n14	1n39	11n39	1s18	15n 9	0n52	23n 8	1n 1	8n59	2s 6	21s29	0s 5	22n 0	0n38	24n 8	1n20	23n30	23n24	12s18		n.a.
S 2	20 25	22 10	1 55	25 13	1 33	12 5	1 16	14 57	0 51	23 6	1 1	9 2	2 6	21 28	0 5	22 0	0 38	24 8	1 20	23 30	23 24	12 15		n.a.
S 3	20 37	19 58	2 53	25 10	1 27	12 32	1 14	14 45	0 49	23 4	1 1	9 4	2 6	21 28	0 5	21 59	0 38	24 8	1 20	23 30	23 24	12 13		n.a.
M 4	20 49	16 56	3 43	25 7	1 20	12 58	1 12	14 33	0 48	23 2	1 1	9 7	2 6	21 27	0 5	21 59	0 38	24 9	1 20	23 30	23 24	12 11		n.a.
T 5	21 1	13 14	4 23	25 1	1 13	13 23	1 10	14 21	0 46	23 1	1 1	9 9	2 6	21 27	0 5	21 59	0 38	24 9	1 20	23 30	23 25	12 9		n.a.
W 6	21 12	9 2	4 52	24 54	1 6	13 49	1 8	14 9	0 45	22 59	1 1	9 12	2 6	21 26	0 5	21 59	0 38	24 9	1 20	23 30	23 25	12 7		n.a.
T 7	21 23	4 28	5 8	24 46	0 57	14 14	1 6	13 56	0 44	22 57	1 1	9 14	2 6	21 26	0 5	21 58	0 38	24 10	1 21	23 30	23 25	12 4		n.a.
F 8	21 33	0n20	5 11	24 37	0 49	14 39	1 4	13 44	0 42	22 55	1 1	9 17	2 6	21 25	0 5	21 58	0 38	24 10	1 21	23 30	23 25	12 2		n.a.
S 9	21 43	5 12	5 0	24 27	0 40	15 3	1 2	13 31	0 41	22 53	1 1	9 19	2 6	21 25	0 5	21 58	0 38	24 10	1 21	23 30	23 26	12 0		n.a.
S 10	21 53	9 57	4 34	24 16	0 30	15 27	0 59	13 18	0 39	22 52	1 1	9 21	2 6	21 25	0 5	21 57	0 38	24 10	1 21	23 31	23 26	11 58		n.a.
M11	22 2	14 23	3 54	24 4	0 20	15 51	0 57	13 5	0 38	22 50	1 1	9 24	2 6	21 24	0 5	21 57	0 38	24 11	1 21	23 31	23 26	11 56		n.a.
T 12	22 11	18 15	3 0	23 51	0 10	16 14	0 55	12 52	0 37	22 48	1 1	9 26	2 6	21 24	0 5	21 57	0 38	24 11	1 21	23 31	23 26	11 54		n.a.
W13	22 20	21 15	1 56	23 37	0s 1	16 37	0 53	12 39	0 35	22 46	1 1	9 28	2 6	21 23	0 5	21 56	0 38	24 11	1 21	23 32	23 26	11 51		n.a.
T 14	22 28	23 5	0 44	23 22	0 12	17 0	0 50	12 26	0 34	22 44	1 1	9 30	2 7	21 23	0 5	21 56	0 38	24 11	1 21	23 32	23 27	11 49		n.a.
F 15	22 36	23 33	0n32	23 7	0 24	17 22	0 48	12 13	0 33	22 42	1 1	9 33	2 7	21 22	0 5	21 56	0 38	24 12	1 21	23 32	23 27	11 47		n.a.
S 16	22 44	22 32	1 46	22 52	0 35	17 44	0 45	11 59	0 31	22 40	1 1	9 35	2 7	21 22	0 5	21 55	0 38	24 12	1 21	23 32	23 27	11 45		n.a.
S 17	22 51	20 6	2 56	22 36	0 48	18 5	0 43	11 46	0 30	22 38	1 1	9 37	2 7	21 21	0 5	21 55	0 38	24 12	1 21	23 32	23 27	11 42		n.a.
M18	22 58	16 27	3 54	22 20	1 0	18 26	0 41	11 32	0 29	22 36	1 1	9 39	2 7	21 21	0 5	21 55	0 38	24 12	1 21	23 32	23 28	11 40		n.a.
T 19	23 4	11 51	4 39	22 4	1 13	18 46	0 38	11 18	0 28	22 34	1 1	9 41	2 7	21 21	0 5	21 54	0 38	24 13	1 21	23 31	23 28	11 38		n.a.
W20	23 10	6 37	5 6	21 48	1 26	19 6	0 36	11 4	0 26	22 32	1 1	9 44	2 7	21 20	0 5	21 54	0 38	24 13	1 21	23 31	23 28	11 36		n.a.
T 21	23 15	1 3	5 15	21 32	1 39	19 25	0 33	10 50	0 25	22 29	1 0	9 46	2 7	21 20	0 5	21 54	0 38	24 13	1 21	23 32	23 28	11 34		n.a.
F 22	23 20	4s33	5 4	21 16	1 52	19 44	0 31	10 36	0 24	22 27	1 0	9 48	2 7	21 19	0 5	21 53	0 38	24 13	1 21	23 32	23 29	11 31		n.a.
S 23	23 25	9 52	4 36	21 0	2 6	20 3	0 28	10 22	0 23	22 25	1 0	9 50	2 8	21 19	0 5	21 53	0 38	24 14	1 22	23 32	23 29	11 29		n.a.
S 24	23 29	14 37	3 52	20 44	2 19	20 20	0 26	10 8	0 21	22 23	1 0	9 52	2 8	21 18	0 5	21 53	0 38	24 14	1 22	23 32	23 29	11 27		n.a.
M25	23 33	18 33	2 56	20 30	2 32	20 38	0 23	9 53	0 20	22 21	1 0	9 54	2 8	21 18	0 5	21 52	0 38	24 14	1 22	23 32	23 29	11 25		n.a.
T 26	23 37	21 27	1 50	20 15	2 46	20 54	0 20	9 39	0 19	22 18	1 0	9 56	2 8	21 18	0 5	21 52	0 38	24 14	1 22	23 32	23 30	11 22		n.a.
W27	23 40	23 8	0 41	20 2	2 59	21 11	0 18	9 24	0 18	22 16	1 0	9 58	2 8	21 17	0 5	21 52	0 38	24 15	1 22	23 32	23 30	11 20		n.a.
T 28	23 42	23 34	0s30	19 49	3 11	21 26	0 15	9 9	0 17	22 14	1 0	10 0	2 8	21 17	0 5	21 51	0 38	24 15	1 22	23 32	23 30	11 18		n.a.
F 29	23 44	22 47	1 38	19 37	3 24	21 41	0 13	8 55	0 15	22 11	1 0	10 1	2 8	21 16	0 5	21 51	0 38	24 15	1 22	23 32	23 30	11 16		n.a.
S 30	23n46	20s55	2s40	19n27	3s36	21n56	0s10	8n40	0n14	22n 9	1n 0	10n 3	2s 8	21s16	0s 5	21n50	0n38	24n16	1n22	23n32	23n30	11s13		n.a.

Julian Day Number = 1343905.5, Delta T = 07h13m19s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'39, Lahiri = -18°13'39 Julian Calendar 1 June 1034 BCE == Greg. Calendar 22 May 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

JULY 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 54 35	27♊25'23	20♒50	14°R10	9♊54	9♍17	26♋49	1♉15	3°R27	26♋23	14♊31	8♋35	8♋57	12♓36	n.a.	S 1
M 2	17 58 32	28°22'52	2♓47	13♋49	11° 8	9°54	27° 1	1°20	3♐25	26°25	14°33	8°36	8°54	12°42	n.a.	M 2
T 3	18 2 28	29°20'21	14°40	13°22	12°21	10°31	27°13	1°26	3°23	26°27	14°34	8°36	8°51	12°49	n.a.	T 3
W 4	18 6 25	0♋17'53	26°33	12°51	13°35	11° 8	27°25	1°31	3°21	26°29	14°36	8°R37	8°48	12°56	n.a.	W 4
T 5	18 10 22	1°15'26	8♈31	12°15	14°48	11°45	27°37	1°36	3°19	26°31	14°38	8°37	8°44	13° 3	n.a.	T 5
F 6	18 14 18	2°13'01	20°38	11°35	16° 2	12°22	27°50	1°42	3°17	26°33	14°39	8°36	8°41	13° 9	n.a.	F 6
S 7	18 18 15	3°10'37	2♉59	10°51	17°15	12°59	28° 2	1°47	3°15	26°35	14°41	8°36	8°38	13°16	n.a.	S 7
S 8	18 22 11	4° 8'15	15°37	10° 4	18°29	13°37	28°15	1°52	3°13	26°37	14°42	8°35	8°35	13°23	n.a.	S 8
M 9	18 26 8	5° 5'55	28°36	9°15	19°43	14°15	28°27	1°57	3°11	26°39	14°44	8°35	8°32	13°29	n.a.	M 9
T 10	18 30 4	6° 3'36	11♊55	8°25	20°56	14°52	28°39	2° 2	3° 9	26°41	14°45	8°34	8°28	13°36	n.a.	T 10
W11	18 34 1	7° 1'19	25°36	7°34	22°10	15°30	28°52	2° 6	3° 7	26°43	14°47	8°34	8°25	13°43	n.a.	W11
T 12	18 37 57	7°59'03	9♋37	6°44	23°24	16° 8	29° 5	2°11	3° 5	26°46	14°48	8°D34	8°22	13°50	n.a.	T 12
F 13	18 41 54	8°56'50	23°53	5°55	24°38	16°47	29°17	2°16	3° 3	26°48	14°50	8°R34	8°19	13°56	n.a.	F 13
S 14	18 45 51	9°54'37	8♌20	5° 9	25°52	17°25	29°30	2°20	3° 1	26°50	14°52	8°34	8°16	14° 3	n.a.	S 14
S 15	18 49 47	10°52'26	22°52	4°27	27° 6	18° 3	29°42	2°25	3° 0	26°52	14°53	8°34	8°13	14°10	n.a.	S 15
M16	18 53 44	11°50'16	7♍25	3°49	28°20	18°42	29°55	2°29	2°58	26°54	14°55	8°34	8° 9	14°16	n.a.	M16
T 17	18 57 40	12°48'08	21°52	3°16	29°34	19°21	0♌ 8	2°34	2°56	26°56	14°56	8°33	8° 6	14°23	n.a.	T 17
W18	19 1 37	13°46'01	6♎10	2°49	0♋48	20° 0	0°21	2°38	2°55	26°59	14°57	8°33	8° 3	14°30	n.a.	W18
T 19	19 5 33	14°43'55	20°17	2°29	2° 2	20°38	0°33	2°42	2°53	27° 1	14°59	8°D33	8° 0	14°36	n.a.	T 19
F 20	19 9 30	15°41'51	4♏ 9	2°16	3°16	21°18	0°46	2°46	2°52	27° 3	15° 0	8°33	7°57	14°43	n.a.	F 20
S 21	19 13 26	16°39'48	17°47	2°D11	4°30	21°57	0°59	2°50	2°50	27° 5	15° 2	8°34	7°54	14°50	n.a.	S 21
S 22	19 17 23	17°37'47	1♐11	2°13	5°44	22°36	1°12	2°54	2°48	27° 7	15° 3	8°35	7°50	14°57	n.a.	S 22
M23	19 21 20	18°35'47	14°21	2°24	6°58	23°15	1°25	2°58	2°47	27°10	15° 5	8°36	7°47	15° 3	n.a.	M23
T 24	19 25 16	19°33'49	27°17	2°43	8°12	23°55	1°37	3° 1	2°46	27°12	15° 6	8°36	7°44	15°10	n.a.	T 24
W25	19 29 13	20°31'52	10♑ 0	3°10	9°27	24°35	1°50	3° 5	2°44	27°14	15° 7	8°R36	7°41	15°17	n.a.	W25
T 26	19 33 9	21°29'58	22°31	3°46	10°41	25°14	2° 3	3° 8	2°43	27°16	15° 9	8°36	7°38	15°23	n.a.	T 26
F 27	19 37 6	22°28'05	4♒50	4°29	11°55	25°54	2°16	3°12	2°42	27°18	15°10	8°35	7°34	15°30	n.a.	F 27
S 28	19 41 2	23°26'14	16°59	5°20	13°10	26°34	2°29	3°15	2°40	27°21	15°11	8°33	7°31	15°37	n.a.	S 28
S 29	19 44 59	24°24'25	29° 0	6°18	14°24	27°14	2°42	3°18	2°39	27°23	15°13	8°31	7°28	15°44	n.a.	S 29
M30	19 48 55	25°22'38	10♓55	7°23	15°38	27°54	2°55	3°21	2°38	27°25	15°14	8°28	7°25	15°50	n.a.	M30
T 31	19 52 52	26♋20'53	22♓47	8♋35	16♋53	28♍35	3♌ 8	3♉24	2♐37	27♋27	15♊15	8♋26	7♋22	15♓57	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	18s 8	3s33	19n17	3s47	22n10	0s 8	8n25	0n13	22n 7	1n 0	10n 5	2s 9	21s15	0s 5	21n50	0n38	24n16	1n22	23n32	23n31	11s11			n.a.
M 2	23 48	14 38	4 17	19 9	3 58	22 23	0 5	8 10	0 12	22 4	1 0	10 7	2 9	21 15	0 5	21 50	0 38	24 16	1 22	23 32	23 31	11 9			n.a.
T 3	23 49	10 34	4 50	19 2	4 7	22 35	0 3	7 54	0 11	22 2	1 0	10 9	2 9	21 15	0 5	21 49	0 38	24 16	1 22	23 32	23 31	11 7			n.a.
W 4	23 49	6 7	5 10	18 57	4 16	22 47	0 0	7 39	0 10	21 59	1 0	10 10	2 9	21 14	0 5	21 49	0 38	24 17	1 22	23 32	23 31	11 4			n.a.
T 5	23 49	1 25	5 17	18 53	4 23	22 59	0n 2	7 24	0 8	21 57	1 0	10 12	2 9	21 14	0 5	21 49	0 38	24 17	1 22	23 32	23 31	11 2			n.a.
F 6	23 48	3n24	5 10	18 51	4 29	23 9	0 5	7 8	0 7	21 54	1 0	10 14	2 9	21 13	0 5	21 48	0 38	24 17	1 22	23 32	23 32	11 0			n.a.
S 7	23 47	8 11	4 49	18 50	4 33	23 19	0 7	6 53	0 6	21 52	1 0	10 15	2 9	21 13	0 5	21 48	0 38	24 17	1 23	23 32	23 32	10 57			n.a.
S 8	23 45	12 44	4 13	18 51	4 36	23 28	0 10	6 37	0 5	21 49	1 0	10 17	2 10	21 13	0 5	21 47	0 38	24 18	1 23	23 32	23 32	10 55			n.a.
M 9	23 43	16 51	3 24	18 53	4 37	23 37	0 12	6 21	0 4	21 47	1 0	10 19	2 10	21 12	0 5	21 47	0 38	24 18	1 23	23 32	23 32	10 53			n.a.
T 10	23 41	20 13	2 22	18 57	4 36	23 45	0 15	6 6	0 3	21 44	1 0	10 20	2 10	21 12	0 5	21 47	0 38	24 18	1 23	23 32	23 33	10 51			n.a.
W11	23 38	22 33	1 11	19 3	4 33	23 52	0 17	5 50	0 2	21 42	1 0	10 22	2 10	21 12	0 5	21 46	0 38	24 18	1 23	23 32	23 33	10 48			n.a.
T 12	23 34	23 34	0n 6	19 11	4 28	23 59	0 20	5 34	0 1	21 39	1 0	10 23	2 10	21 11	0 5	21 46	0 38	24 19	1 23	23 32	23 33	10 46			n.a.
F 13	23 31	23 3	1 24	19 19	4 22	24 4	0 22	5 18	0s 0	21 36	1 0	10 25	2 10	21 11	0 5	21 45	0 38	24 19	1 23	23 32	23 33	10 44			n.a.
S 14	23 26	21 0	2 38	19 29	4 14	24 9	0 24	5 2	0 1	21 34	1 0	10 26	2 11	21 11	0 5	21 45	0 38	24 19	1 23	23 32	23 33	10 41			n.a.
S 15	23 22	17 35	3 42	19 41	4 4	24 14	0 27	4 45	0 2	21 31	1 0	10 28	2 11	21 10	0 5	21 44	0 38	24 19	1 23	23 32	23 34	10 39			n.a.
M16	23 17	13 6	4 31	19 54	3 52	24 17	0 29	4 29	0 3	21 28	1 0	10 29	2 11	21 10	0 5	21 44	0 38	24 20	1 23	23 32	23 34	10 37			n.a.
T 17	23 11	7 54	5 4	20 7	3 39	24 20	0 31	4 13	0 4	21 25	1 0	10 30	2 11	21 10	0 5	21 44	0 38	24 20	1 23	23 32	23 34	10 34			n.a.
W18	23 6	2 21	5 17	20 22	3 25	24 22	0 33	3 56	0 5	21 23	1 0	10 32	2 11	21 9	0 5	21 43	0 38	24 20	1 23	23 32	23 34	10 32			n.a.
T 19	22 59	3s16	5 10	20 38	3 10	24 24	0 36	3 40	0 7	21 20	1 0	10 33	2 11	21 9	0 5	21 43	0 38	24 20	1 24	23 32	23 34	10 30			n.a.
F 20	22 53	8 37	4 46	20 54	2 54	24 24	0 38	3 23	0 8	21 17	1 0	10 34	2 12	21 9	0 5	21 42	0 38	24 21	1 24	23 32	23 35	10 27			n.a.
S 21	22 46	13 28	4 6	21 10	2 38	24 24	0 40	3 7	0 9	21 14	1 0	10 35	2 12	21 8	0 5	21 42	0 38	24 21	1 24	23 32	23 35	10 25			n.a.
S 22	22 38	17 35	3 13	21 27	2 20	24 24	0 42	2 50	0 10	21 11	1 0	10 36	2 12	21 8	0 5	21 41	0 38	24 21	1 24	23 32	23 35	10 23			n.a.
M23	22 30	20 44	2 10	21 45	2 3	24 22	0 44	2 33	0 11	21 9	1 1	10 38	2 12	21 8	0 5	21 41	0 38	24 21	1 24	23 32	23 35	10 20			n.a.
T 24	22 22	22 45	1 2	22 2	1 46	24 20	0 46	2 17	0 11	21 6	1 1	10 39	2 12	21 8	0 5	21 41	0 38	24 22	1 24	23 32	23 35	10 18			n.a.
W25	22 13	23 34	0s 8	22 18	1 28	24 17	0 48	2 0	0 12	21 3	1 1	10 40	2 12	21 7	0 5	21 40	0 38	24 22	1 24	23 32	23 35	10 16			n.a.
T 26	22 4	23 9	1 16	22 35	1 11	24 13	0 50	1 43	0 13	21 0	1 1	10 41	2 13	21 7	0 5	21 40	0 38	24 22	1 24	23 32	23 36	10 13			n.a.
F 27	21 55	21 37	2 20	22 50	0 55	24 8	0 52	1 26	0 14	20 57	1 1	10 42	2 13	21 7	0 5	21 39	0 38	24 22	1 24	23 32	23 36	10 11			n.a.
S 28	21 45	19 6	3 16	23 4	0 38	24 3	0 54	1 9	0 15	20 54	1 1	10 43	2 13	21 7	0 5	21 39	0 38	24 23	1 24	23 32	23 36	10 9			n.a.
S 29	21 35	15 48	4 3	23 17	0 23	23 57	0 56	0 52	0 16	20 51	1 1	10 44	2 13	21 6	0 5	21 38	0 38	24 23	1 24	23 32	23 36	10 6			n.a.
M30	21 24	11 53	4 40	23 29	0 8	23 50	0 58	0 35	0 17	20 48	1 1	10 45	2 13	21 6	0 5	21 38	0 38	24 23	1 24	23 33	23 36	10 4			n.a.
T 31	21n13	7s32	5s 3	23n39	0n 7	23n43	0n59	0n18	0s18	20n45	1n 1	10n45	2s14	21s 6	0s 5	21n38	0n38	24n23	1n25	23n33	23n37	10s 2			n.a.

Julian Day Number = 1343935.5, Delta T = 07h13m17s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'35, Lahiri = -18°13'35 Julian Calendar 1 July 1034 BCE == Greg. Calendar 21 June 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

AUGUST 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 56 49	27♋19'11	4♈39	9♋53	18♋ 7	29♍15	3♌21	3♉27	2°R36	27♋30	15♊17	8°R24	7♋19	16♓ 4	n.a.	W 1
T 2	20 0 45	28°17'30	16°35	11°16	19°22	29°56	3°34	3°30	2♐35	27°32	15°18	8♋22	7°15	16°10	n.a.	T 2
F 3	20 4 42	29°15'52	28°40	12°45	20°36	0♎36	3°47	3°33	2°34	27°34	15°19	8°D22	7°12	16°17	n.a.	F 3
S 4	20 8 38	0♌14'16	10♉59	14°18	21°51	1°17	4° 0	3°36	2°33	27°36	15°20	8°22	7° 9	16°24	n.a.	S 4
S 5	20 12 35	1°12'42	23°34	15°55	23° 5	1°58	4°13	3°38	2°32	27°38	15°22	8°23	7° 6	16°31	n.a.	S 5
M 6	20 16 31	2°11'11	6♊32	17°36	24°20	2°39	4°26	3°40	2°31	27°41	15°23	8°25	7° 3	16°37	n.a.	M 6
T 7	20 20 28	3° 9'42	19°54	19°19	25°35	3°20	4°39	3°43	2°30	27°43	15°24	8°26	7° 0	16°44	n.a.	T 7
W 8	20 24 24	4° 8'15	3♋42	21° 5	26°49	4° 1	4°52	3°45	2°30	27°45	15°25	8°R27	6°56	16°51	n.a.	W 8
T 9	20 28 21	5° 6'50	17°55	22°53	28° 4	4°42	5° 5	3°47	2°29	27°47	15°26	8°27	6°53	16°58	n.a.	T 9
F 10	20 32 17	6° 5'28	2♌30	24°43	29°19	5°24	5°18	3°49	2°28	27°50	15°27	8°25	6°50	17° 4	n.a.	F 10
S 11	20 36 14	7° 4'08	17°21	26°33	0♌34	6° 5	5°31	3°51	2°28	27°52	15°29	8°23	6°47	17°11	n.a.	S 11
S 12	20 40 11	8° 2'49	2♍20	28°25	1°49	6°47	5°45	3°53	2°27	27°54	15°30	8°19	6°44	17°18	n.a.	S 12
M13	20 44 7	9° 1'33	17°17	0♌17	3° 3	7°28	5°58	3°54	2°27	27°56	15°31	8°14	6°40	17°24	n.a.	M13
T 14	20 48 4	10° 0'18	2♎ 6	2° 9	4°18	8°10	6°11	3°56	2°26	27°58	15°32	8°10	6°37	17°31	n.a.	T 14
W15	20 52 0	10°59'05	16°38	4° 1	5°33	8°52	6°24	3°57	2°26	28° 1	15°33	8° 7	6°34	17°38	n.a.	W15
T 16	20 55 57	11°57'54	0♏51	5°53	6°48	9°34	6°37	3°59	2°25	28° 3	15°34	8° 5	6°31	17°45	n.a.	T 16
F 17	20 59 53	12°56'45	14°41	7°45	8° 3	10°16	6°50	4° 0	2°25	28° 5	15°35	8°D 4	6°28	17°51	n.a.	F 17
S 18	21 3 50	13°55'38	28°10	9°36	9°18	10°58	7° 3	4° 1	2°25	28° 7	15°36	8° 5	6°25	17°58	n.a.	S 18
S 19	21 7 46	14°54'33	11♐19	11°27	10°33	11°40	7°16	4° 2	2°25	28° 9	15°37	8° 7	6°21	18° 5	n.a.	S 19
M20	21 11 43	15°53'29	24°10	13°17	11°48	12°23	7°29	4° 3	2°24	28°11	15°38	8° 8	6°18	18°11	n.a.	M20
T 21	21 15 40	16°52'28	6♑47	15° 7	13° 3	13° 5	7°42	4° 4	2°24	28°14	15°39	8°R 9	6°15	18°18	n.a.	T 21
W22	21 19 36	17°51'29	19°12	16°55	14°18	13°47	7°55	4° 4	2°24	28°16	15°40	8° 8	6°12	18°25	n.a.	W22
T 23	21 23 33	18°50'31	1♒28	18°43	15°33	14°30	8° 8	4° 5	2°D24	28°18	15°40	8° 6	6° 9	18°32	n.a.	T 23
F 24	21 27 29	19°49'36	13°35	20°30	16°48	15°13	8°21	4° 5	2°24	28°20	15°41	8° 1	6° 6	18°38	n.a.	F 24
S 25	21 31 26	20°48'43	25°36	22°16	18° 3	15°55	8°33	4° 6	2°24	28°22	15°42	7°55	6° 2	18°45	n.a.	S 25
S 26	21 35 22	21°47'52	7♓32	24° 2	19°18	16°38	8°46	4° 6	2°24	28°24	15°43	7°47	5°59	18°52	n.a.	S 26
M27	21 39 19	22°47'03	19°25	25°46	20°33	17°21	8°59	4°R 6	2°25	28°26	15°44	7°38	5°56	18°58	n.a.	M27
T 28	21 43 15	23°46'16	1♈16	27°30	21°48	18° 4	9°12	4° 6	2°25	28°28	15°44	7°29	5°53	19° 5	n.a.	T 28
W29	21 47 12	24°45'32	13° 9	29°13	23° 3	18°47	9°25	4° 6	2°25	28°30	15°45	7°22	5°50	19°12	n.a.	W29
T 30	21 51 8	25°44'50	25° 5	0♍55	24°18	19°30	9°38	4° 6	2°26	28°32	15°46	7°15	5°46	19°19	n.a.	T 30
F 31	21 55 5	26♌44'11	7♉ 8	2♍36	25♌34	20♎14	9♌50	4♉ 5	2♐26	28♋34	15♊47	7♋11	5♋43	19♓25	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	21n 2	2s55	5s14	23n47	0n20	23n35	1n 1	0n 1	0s19	20n42	1n 1	10n46	2s14	21s 6	0s 5	21n37	0n38	24n24	1n25	23n33	23n37	9s59			n.a.
T 2	20 50	1n50	5 12	23 52	0 33	23 26	1 3	0s17	0 20	20 39	1 1	10 47	2 14	21 5	0 5	21 37	0 38	24 24	1 25	23 33	23 37	9 57			n.a.
F 3	20 38	6 35	4 55	23 56	0 44	23 16	1 4	0 34	0 21	20 36	1 1	10 48	2 14	21 5	0 5	21 36	0 38	24 24	1 25	23 33	23 37	9 55			n.a.
S 4	20 25	11 9	4 26	23 57	0 55	23 6	1 6	0 51	0 22	20 33	1 1	10 48	2 14	21 5	0 5	21 36	0 38	24 24	1 25	23 33	23 37	9 52			n.a.
S 5	20 12	15 23	3 42	23 55	1 5	22 55	1 7	1 8	0 23	20 30	1 1	10 49	2 15	21 5	0 5	21 35	0 39	24 24	1 25	23 33	23 37	9 50			n.a.
M 6	19 59	19 0	2 47	23 51	1 13	22 43	1 9	1 26	0 24	20 27	1 1	10 50	2 15	21 5	0 5	21 35	0 39	24 25	1 25	23 33	23 38	9 47			n.a.
T 7	19 46	21 46	1 40	23 44	1 21	22 30	1 10	1 43	0 24	20 23	1 1	10 50	2 15	21 5	0 5	21 35	0 39	24 25	1 25	23 33	23 38	9 45			n.a.
W 8	19 32	23 20	0 26	23 35	1 28	22 17	1 11	2 0	0 25	20 20	1 1	10 51	2 15	21 4	0 5	21 34	0 39	24 25	1 25	23 33	23 38	9 43			n.a.
T 9	19 17	23 27	0n52	23 22	1 33	22 3	1 12	2 18	0 26	20 17	1 1	10 51	2 15	21 4	0 5	21 34	0 39	24 25	1 25	23 33	23 38	9 40			n.a.
F 10	19 3	21 59	2 8	23 8	1 38	21 49	1 14	2 35	0 27	20 14	1 1	10 52	2 16	21 4	0 5	21 33	0 39	24 26	1 25	23 33	23 38	9 38			n.a.
S 11	18 48	19 0	3 17	22 51	1 42	21 34	1 15	2 53	0 28	20 11	1 1	10 52	2 16	21 4	0 5	21 33	0 39	24 26	1 26	23 33	23 38	9 35			n.a.
S 12	18 33	14 44	4 13	22 31	1 45	21 18	1 16	3 10	0 29	20 8	1 1	10 53	2 16	21 4	0 5	21 32	0 39	24 26	1 26	23 33	23 39	9 33			n.a.
M13	18 17	9 33	4 52	22 10	1 47	21 2	1 17	3 28	0 30	20 4	1 2	10 53	2 16	21 4	0 5	21 32	0 39	24 26	1 26	23 33	23 39	9 31			n.a.
T 14	18 1	3 53	5 10	21 46	1 49	20 45	1 18	3 45	0 30	20 1	1 2	10 54	2 16	21 4	0 5	21 32	0 39	24 26	1 26	23 34	23 39	9 28			n.a.
W15	17 45	1s54	5 9	21 20	1 50	20 27	1 19	4 3	0 31	19 58	1 2	10 54	2 17	21 4	0 5	21 31	0 39	24 27	1 26	23 34	23 39	9 26			n.a.
T 16	17 28	7 28	4 48	20 52	1 50	20 9	1 20	4 20	0 32	19 55	1 2	10 54	2 17	21 4	0 5	21 31	0 39	24 27	1 26	23 34	23 39	9 23			n.a.
F 17	17 12	12 30	4 11	20 23	1 49	19 50	1 20	4 38	0 33	19 51	1 2	10 54	2 17	21 4	0 5	21 30	0 39	24 27	1 26	23 34	23 39	9 21			n.a.
S 18	16 55	16 48	3 21	19 52	1 48	19 31	1 21	4 55	0 34	19 48	1 2	10 55	2 17	21 4	0 5	21 30	0 39	24 27	1 26	23 34	23 40	9 19			n.a.
S 19	16 37	20 10	2 21	19 20	1 47	19 11	1 22	5 13	0 34	19 45	1 2	10 55	2 17	21 3	0 5	21 29	0 39	24 27	1 26	23 34	23 40	9 16			n.a.
M20	16 19	22 26	1 15	18 46	1 45	18 50	1 22	5 30	0 35	19 41	1 2	10 55	2 18	21 3	0 5	21 29	0 39	24 28	1 26	23 34	23 40	9 14			n.a.
T 21	16 2	23 31	0 7	18 11	1 42	18 29	1 23	5 48	0 36	19 38	1 2	10 55	2 18	21 3	0 5	21 29	0 39	24 28	1 27	23 34	23 40	9 11			n.a.
W22	15 43	23 24	1s 0	17 35	1 39	18 8	1 23	6 5	0 37	19 35	1 2	10 55	2 18	21 3	0 5	21 28	0 39	24 28	1 27	23 34	23 40	9 9			n.a.
T 23	15 25	22 9	2 3	16 58	1 36	17 45	1 24	6 23	0 38	19 31	1 2	10 55	2 18	21 3	0 5	21 28	0 39	24 28	1 27	23 34	23 40	9 6			n.a.
F 24	15 6	19 53	3 0	16 20	1 32	17 23	1 24	6 40	0 38	19 28	1 2	10 55	2 18	21 3	0 5	21 27	0 39	24 28	1 27	23 34	23 41	9 4			n.a.
S 25	14 47	16 46	3 48	15 41	1 28	17 0	1 24	6 58	0 39	19 25	1 2	10 55	2 19	21 3	0 5	21 27	0 39	24 29	1 27	23 35	23 41	9 1			n.a.
S 26	14 28	12 59	4 26	15 1	1 23	16 36	1 24	7 15	0 40	19 21	1 3	10 55	2 19	21 4	0 5	21 26	0 39	24 29	1 27	23 35	23 41	8 59			n.a.
M27	14 8	8 43	4 52	14 21	1 18	16 12	1 24	7 32	0 40	19 18	1 3	10 55	2 19	21 4	0 5	21 26	0 39	24 29	1 27	23 36	23 41	8 57			n.a.
T 28	13 48	4 9	5 5	13 41	1 13	15 48	1 25	7 50	0 41	19 15	1 3	10 54	2 19	21 4	0 5	21 26	0 39	24 29	1 27	23 36	23 41	8 54			n.a.
W29	13 28	0n35	5 6	12 59	1 8	15 23	1 25	8 7	0 42	19 11	1 3	10 54	2 19	21 4	0 5	21 25	0 39	24 29	1 27	23 37	23 41	8 52			n.a.
T 30	13 8	5 19	4 53	12 18	1 2	14 57	1 24	8 24	0 43	19 8	1 3	10 54	2 20	21 4	0 5	21 25	0 39	24 30	1 27	23 37	23 41	8 49			n.a.
F 31	12n48	9n55	4s27	11n35	0n57	14n31	1n24	8s42	0s43	19n 4	1n 3	10n54	2s20	21s 4	0s 5	21n24	0n39	24n30	1n28	23n37	23n42	8s47			n.a.

Julian Day Number = 1343966.5, Delta T = 07h13m15s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'31, Lahiri = -18°13'31 Julian Calendar 1 Aug. 1034 BCE == Greg. Calendar 22 July 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

SEPTEMBER 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 59 2	27♌43'34	19♉23	4♍16	26♌49	20♎57	10♌ 3	4°R 5	2♐26	28♋36	15♊47	7°R 9	5♋40	19♓32	n.a.	S 1
S 2	22 2 58	28°42'59	1♊53	5°56	28° 4	21°40	10°16	4♉ 4	2°27	28°38	15°48	7°D 8	5°37	19°39	n.a.	S 2
M 3	22 6 55	29°42'27	14°44	7°35	29°19	22°24	10°29	4° 4	2°27	28°40	15°48	7♋ 9	5°34	19°45	n.a.	M 3
T 4	22 10 51	0♍41'58	28° 0	9°13	0♍34	23° 8	10°41	4° 3	2°28	28°42	15°49	7°10	5°31	19°52	n.a.	T 4
W 5	22 14 48	1°41'31	11♋43	10°50	1°50	23°51	10°54	4° 2	2°29	28°44	15°50	7°R10	5°27	19°59	n.a.	W 5
T 6	22 18 44	2°41'06	25°56	12°27	3° 5	24°35	11° 7	4° 1	2°29	28°46	15°50	7° 9	5°24	20° 6	n.a.	T 6
F 7	22 22 41	3°40'44	10♌35	14° 3	4°20	25°19	11°19	4° 0	2°30	28°48	15°51	7° 5	5°21	20°12	n.a.	F 7
S 8	22 26 37	4°40'24	25°36	15°38	5°36	26° 3	11°32	3°59	2°31	28°50	15°51	6°59	5°18	20°19	n.a.	S 8
S 9	22 30 34	5°40'06	10♍51	17°13	6°51	26°47	11°44	3°57	2°32	28°52	15°52	6°51	5°15	20°26	n.a.	S 9
M10	22 34 31	6°39'50	26° 8	18°46	8° 6	27°31	11°57	3°56	2°33	28°54	15°52	6°41	5°11	20°32	n.a.	M10
T 11	22 38 27	7°39'36	11♎17	20°20	9°22	28°15	12° 9	3°54	2°34	28°56	15°53	6°32	5° 8	20°39	n.a.	T 11
W12	22 42 24	8°39'24	26° 8	21°52	10°37	28°59	12°21	3°52	2°35	28°57	15°53	6°24	5° 5	20°46	n.a.	W12
T 13	22 46 20	9°39'14	10♏34	23°24	11°52	29°43	12°34	3°51	2°36	28°59	15°53	6°19	5° 2	20°53	n.a.	T 13
F 14	22 50 17	10°39'06	24°32	24°56	13° 8	0♏28	12°46	3°49	2°37	29° 1	15°54	6°15	4°59	20°59	n.a.	F 14
S 15	22 54 13	11°39'00	8♐ 2	26°26	14°23	1°12	12°58	3°47	2°38	29° 3	15°54	6°D14	4°56	21° 6	n.a.	S 15
S 16	22 58 10	12°38'55	21° 7	27°56	15°38	1°57	13°10	3°45	2°39	29° 4	15°54	6°14	4°52	21°13	n.a.	S 16
M17	23 2 6	13°38'53	3♑51	29°26	16°54	2°41	13°23	3°43	2°41	29° 6	15°55	6°R15	4°49	21°20	n.a.	M17
T 18	23 6 3	14°38'52	16°18	0♎55	18° 9	3°26	13°35	3°40	2°42	29° 8	15°55	6°14	4°46	21°26	n.a.	T 18
W19	23 9 59	15°38'53	28°31	2°23	19°24	4°11	13°47	3°38	2°43	29°10	15°55	6°12	4°43	21°33	n.a.	W19
T 20	23 13 56	16°38'55	10♒35	3°50	20°40	4°55	13°59	3°35	2°45	29°11	15°55	6° 7	4°40	21°40	n.a.	T 20
F 21	23 17 53	17°39'00	22°33	5°17	21°55	5°40	14°11	3°33	2°46	29°13	15°55	5°59	4°37	21°46	n.a.	F 21
S 22	23 21 49	18°39'06	4♓28	6°43	23°10	6°25	14°22	3°30	2°48	29°14	15°56	5°49	4°33	21°53	n.a.	S 22
S 23	23 25 46	19°39'15	16°21	8° 9	24°26	7°10	14°34	3°27	2°49	29°16	15°56	5°36	4°30	22° 0	n.a.	S 23
M24	23 29 42	20°39'25	28°13	9°34	25°41	7°55	14°46	3°24	2°51	29°18	15°56	5°22	4°27	22° 7	n.a.	M24
T 25	23 33 39	21°39'37	10♈ 7	10°58	26°56	8°40	14°58	3°21	2°53	29°19	15°56	5° 8	4°24	22°13	n.a.	T 25
W26	23 37 35	22°39'51	22° 2	12°21	28°12	9°25	15° 9	3°18	2°54	29°21	15°56	4°54	4°21	22°20	n.a.	W26
T 27	23 41 32	23°40'07	4♉ 2	13°43	29°27	10°10	15°21	3°15	2°56	29°22	15°R56	4°43	4°17	22°27	n.a.	T 27
F 28	23 45 28	24°40'26	16° 8	15° 4	0♎43	10°56	15°32	3°12	2°58	29°23	15°56	4°35	4°14	22°33	n.a.	F 28
S 29	23 49 25	25°40'46	28°24	16°25	1°58	11°41	15°44	3° 8	3° 0	29°25	15°56	4°30	4°11	22°40	n.a.	S 29
S 30	23 53 21	26♍41'09	10♊53	17♎44	3♎13	12♏26	15♌55	3♉ 5	3♐ 1	29♋26	15♊56	4♋27	4♋ 8	22♓47	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n27	14n12	3s48	10n53	0n51	14n 5	1n24	8s59	0s44	19n 1	1n 3	10n53	2s20	21s 4	0s 5	21n24	0n39	24n30	1n28	23n37	23n42	8s44		n.a.
S 2	12 6	17 58	2 58	10 10	0 45	13 39	1 24	9 16	0 45	18 58	1 3	10 53	2 20	21 4	0 5	21 24	0 39	24 30	1 28	23 37	23 42	8 42		n.a.
M 3	11 45	20 59	1 58	9 27	0 39	13 12	1 24	9 33	0 45	18 54	1 3	10 52	2 20	21 4	0 5	21 23	0 39	24 30	1 28	23 37	23 42	8 39		n.a.
T 4	11 24	22 59	0 49	8 44	0 32	12 44	1 23	9 50	0 46	18 51	1 3	10 52	2 20	21 4	0 5	21 23	0 39	24 30	1 28	23 37	23 42	8 37		n.a.
W 5	11 2	23 42	0n24	8 1	0 26	12 17	1 23	10 7	0 47	18 47	1 4	10 52	2 21	21 4	0 5	21 23	0 39	24 31	1 28	23 37	23 42	8 34		n.a.
T 6	10 41	22 55	1 39	7 18	0 19	11 49	1 22	10 24	0 47	18 44	1 4	10 51	2 21	21 5	0 5	21 22	0 39	24 31	1 28	23 37	23 42	8 32		n.a.
F 7	10 19	20 34	2 49	6 34	0 13	11 20	1 22	10 41	0 48	18 41	1 4	10 50	2 21	21 5	0 5	21 22	0 39	24 31	1 28	23 38	23 42	8 29		n.a.
S 8	9 57	16 46	3 49	5 51	0 6	10 52	1 21	10 58	0 49	18 37	1 4	10 50	2 21	21 5	0 5	21 21	0 39	24 31	1 28	23 38	23 43	8 27		n.a.
S 9	9 35	11 49	4 34	5 7	0s 1	10 23	1 20	11 15	0 49	18 34	1 4	10 49	2 21	21 5	0 5	21 21	0 39	24 31	1 28	23 38	23 43	8 25		n.a.
M10	9 12	6 7	4 59	4 24	0 8	9 53	1 20	11 32	0 50	18 30	1 4	10 49	2 22	21 5	0 5	21 21	0 39	24 31	1 29	23 39	23 43	8 22		n.a.
T 11	8 50	0 6	5 3	3 40	0 14	9 24	1 19	11 48	0 50	18 27	1 4	10 48	2 22	21 5	0 5	21 20	0 39	24 32	1 29	23 39	23 43	8 20		n.a.
W12	8 27	5s48	4 46	2 57	0 21	8 54	1 18	12 5	0 51	18 24	1 4	10 47	2 22	21 6	0 5	21 20	0 39	24 32	1 29	23 40	23 43	8 17		n.a.
T 13	8 4	11 15	4 12	2 14	0 28	8 24	1 17	12 21	0 52	18 20	1 5	10 46	2 22	21 6	0 5	21 20	0 39	24 32	1 29	23 40	23 43	8 15		n.a.
F 14	7 41	15 55	3 23	1 31	0 35	7 54	1 16	12 38	0 52	18 17	1 5	10 46	2 22	21 6	0 5	21 19	0 39	24 32	1 29	23 40	23 43	8 12		n.a.
S 15	7 18	19 37	2 24	0 48	0 42	7 23	1 15	12 54	0 53	18 13	1 5	10 45	2 22	21 6	0 5	21 19	0 39	24 32	1 29	23 40	23 43	8 10		n.a.
S 16	6 55	22 11	1 20	0 5	0 49	6 53	1 14	13 10	0 53	18 10	1 5	10 44	2 23	21 7	0 5	21 19	0 39	24 32	1 29	23 40	23 44	8 7		n.a.
M17	6 32	23 33	0 13	0s37	0 55	6 22	1 13	13 26	0 54	18 6	1 5	10 43	2 23	21 7	0 5	21 18	0 39	24 32	1 29	23 40	23 44	8 5		n.a.
T 18	6 8	23 41	0s53	1 19	1 2	5 51	1 11	13 43	0 55	18 3	1 5	10 42	2 23	21 7	0 5	21 18	0 39	24 32	1 29	23 40	23 44	8 2		n.a.
W19	5 45	22 40	1 55	2 1	1 9	5 20	1 10	13 58	0 55	18 0	1 5	10 41	2 23	21 7	0 5	21 18	0 39	24 33	1 30	23 40	23 44	7 59		n.a.
T 20	5 21	20 36	2 51	2 42	1 16	4 48	1 9	14 14	0 56	17 56	1 6	10 40	2 23	21 8	0 5	21 17	0 39	24 33	1 30	23 40	23 44	7 57		n.a.
F 21	4 57	17 39	3 39	3 23	1 22	4 17	1 7	14 30	0 56	17 53	1 6	10 39	2 23	21 8	0 5	21 17	0 40	24 33	1 30	23 41	23 44	7 54		n.a.
S 22	4 33	14 0	4 17	4 4	1 28	3 45	1 6	14 46	0 57	17 50	1 6	10 38	2 24	21 8	0 5	21 17	0 40	24 33	1 30	23 41	23 44	7 52		n.a.
S 23	4 10	9 49	4 44	4 44	1 35	3 14	1 4	15 1	0 57	17 46	1 6	10 37	2 24	21 9	0 5	21 16	0 40	24 33	1 30	23 42	23 44	7 49		n.a.
M24	3 46	5 15	4 58	5 23	1 41	2 42	1 3	15 17	0 58	17 43	1 6	10 36	2 24	21 9	0 5	21 16	0 40	24 33	1 30	23 42	23 45	7 47		n.a.
T 25	3 21	0 30	4 59	6 2	1 47	2 10	1 1	15 32	0 58	17 40	1 6	10 35	2 24	21 9	0 5	21 16	0 40	24 33	1 30	23 43	23 45	7 44		n.a.
W26	2 57	4n17	4 47	6 41	1 53	1 38	1 0	15 47	0 59	17 36	1 6	10 33	2 24	21 10	0 5	21 15	0 40	24 33	1 30	23 44	23 45	7 42		n.a.
T 27	2 33	8 57	4 22	7 18	1 58	1 6	0 58	16 2	0 59	17 33	1 7	10 32	2 24	21 10	0 5	21 15	0 40	24 34	1 30	23 44	23 45	7 39		n.a.
F 28	2 9	13 20	3 46	7 56	2 4	0 34	0 56	16 17	1 0	17 30	1 7	10 31	2 24	21 10	0 5	21 15	0 40	24 34	1 30	23 44	23 45	7 37		n.a.
S 29	1 45	17 14	2 58	8 32	2 9	0 2	0 54	16 32	1 0	17 26	1 7	10 30	2 24	21 11	0 5	21 15	0 40	24 34	1 31	23 44	23 45	7 34		n.a.
S 30	1n20	20n26	2s 1	9s 7	2s14	0s30	0n53	16s46	1s 1	17n23	1n 7	10n28	2s25	21s11	0s 5	21n14	0n40	24n34	1n31	23n45	23n45	7s32		n.a.

Julian Day Number = 1343997.5, Delta T = 07h13m14s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'27, Lahiri = -18°13'27 Julian Calendar 1 Sept. 1034 BCE == Greg. Calendar 22 Aug. 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

OCTOBER 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 57 18	27♍41'33	23♊39	19♎ 2	4♎29	13♏12	16♌ 6	3°R 2	3♐ 3	29♋28	15°R56	4°R26	4♋ 5	22♓54	n.a.	M 1
T 2	0 1 15	28°42'00	6♋47	20°18	5°44	13°57	16°18	2♉58	3° 5	29°29	15♊56	4♋26	4° 2	23° 0	n.a.	T 2
W 3	0 5 11	29°42'29	20°20	21°33	7° 0	14°43	16°29	2°54	3° 7	29°30	15°55	4°26	3°58	23° 7	n.a.	W 3
T 4	0 9 8	0♎43'00	4♌21	22°46	8°15	15°28	16°40	2°50	3° 9	29°32	15°55	4°24	3°55	23°14	n.a.	T 4
F 5	0 13 4	1°43'33	18°50	23°58	9°30	16°14	16°51	2°47	3°12	29°33	15°55	4°19	3°52	23°20	n.a.	F 5
S 6	0 17 1	2°44'08	3♍44	25° 7	10°46	17° 0	17° 2	2°43	3°14	29°34	15°55	4°11	3°49	23°27	n.a.	S 6
S 7	0 20 57	3°44'45	18°56	26°14	12° 1	17°45	17°13	2°39	3°16	29°35	15°55	4° 1	3°46	23°34	n.a.	S 7
M 8	0 24 54	4°45'23	4♎16	27°18	13°17	18°31	17°23	2°35	3°18	29°37	15°54	3°49	3°43	23°41	n.a.	M 8
T 9	0 28 50	5°46'03	19°33	28°19	14°32	19°17	17°34	2°31	3°20	29°38	15°54	3°37	3°39	23°47	n.a.	T 9
W10	0 32 47	6°46'44	4♏35	29°17	15°47	20° 3	17°45	2°26	3°23	29°39	15°54	3°27	3°36	23°54	n.a.	W10
T 11	0 36 44	7°47'27	19°13	0♏11	17° 3	20°49	17°55	2°22	3°25	29°40	15°53	3°19	3°33	24° 1	n.a.	T 11
F 12	0 40 40	8°48'12	3♐22	1° 1	18°18	21°35	18° 5	2°18	3°27	29°41	15°53	3°14	3°30	24° 8	n.a.	F 12
S 13	0 44 37	9°48'58	17° 2	1°45	19°33	22°21	18°16	2°13	3°30	29°42	15°53	3°11	3°27	24°14	n.a.	S 13
S 14	0 48 33	10°49'45	0♑12	2°25	20°49	23° 7	18°26	2° 9	3°32	29°43	15°52	3°D11	3°23	24°21	n.a.	S 14
M15	0 52 30	11°50'33	12°57	2°57	22° 4	23°53	18°36	2° 4	3°35	29°44	15°52	3°R11	3°20	24°28	n.a.	M15
T 16	0 56 26	12°51'22	25°23	3°23	23°20	24°39	18°46	2° 0	3°37	29°45	15°51	3°10	3°17	24°34	n.a.	T 16
W17	1 0 23	13°52'13	7♒33	3°42	24°35	25°26	18°56	1°55	3°40	29°46	15°51	3° 8	3°14	24°41	n.a.	W17
T 18	1 4 19	14°53'04	19°32	3°52	25°50	26°12	19° 6	1°51	3°43	29°47	15°50	3° 3	3°11	24°48	n.a.	T 18
F 19	1 8 16	15°53'57	1♓26	3°R52	27° 6	26°58	19°16	1°46	3°45	29°47	15°50	2°56	3° 8	24°55	n.a.	F 19
S 20	1 12 13	16°54'50	13°17	3°43	28°21	27°45	19°25	1°41	3°48	29°48	15°49	2°45	3° 4	25° 1	n.a.	S 20
S 21	1 16 9	17°55'45	25° 9	3°23	29°36	28°31	19°35	1°37	3°51	29°49	15°49	2°32	3° 1	25° 8	n.a.	S 21
M22	1 20 6	18°56'41	7♈ 3	2°52	0♏51	29°17	19°44	1°32	3°53	29°50	15°48	2°18	2°58	25°15	n.a.	M22
T 23	1 24 2	19°57'38	19° 1	2°11	2° 7	0♐ 4	19°53	1°27	3°56	29°50	15°47	2° 4	2°55	25°21	n.a.	T 23
W24	1 27 59	20°58'37	1♉ 4	1°19	3°22	0°50	20° 3	1°22	3°59	29°51	15°47	1°51	2°52	25°28	n.a.	W24
T 25	1 31 55	21°59'36	13°14	0°17	4°37	1°37	20°12	1°17	4° 2	29°52	15°46	1°40	2°48	25°35	n.a.	T 25
F 26	1 35 52	23° 0'37	25°30	29♎ 6	5°53	2°23	20°21	1°12	4° 5	29°52	15°45	1°32	2°45	25°42	n.a.	F 26
S 27	1 39 48	24° 1'39	7♊56	27°49	7° 8	3°10	20°29	1° 7	4° 8	29°53	15°45	1°26	2°42	25°48	n.a.	S 27
S 28	1 43 45	25° 2'42	20°32	26°28	8°23	3°57	20°38	1° 2	4°11	29°53	15°44	1°24	2°39	25°55	n.a.	S 28
M29	1 47 42	26° 3'47	3♋22	25° 5	9°38	4°43	20°47	0°57	4°14	29°54	15°43	1°D23	2°36	26° 2	n.a.	M29
T 30	1 51 38	27° 4'53	16°29	23°44	10°54	5°30	20°55	0°53	4°17	29°54	15°42	1°24	2°33	26° 9	n.a.	T 30
W31	1 55 35	28♎ 6'00	29♋56	22♎26	12♏ 9	6♐17	21♌ 4	0♉48	4♐20	29♋55	15♊42	1°R24	2♋29	26♓15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n56	22n43	0s57	9s42	2s19	1s 2	0n51	17s 1	1s 1	17n20	1n 7	10n27	2s25	21s11	0s 5	21n14	0n40	24n34	1n31	23n45	23n45	7s29			n.a.
T 2	0 31	23 51	0n12	10 15	2 23	1 34	0 49	17 15	1 2	17 16	1 7	10 26	2 25	21 12	0 5	21 14	0 40	24 34	1 31	23 45	23 45	7 27			n.a.
W 3	0 7	23 37	1 23	10 48	2 27	2 6	0 47	17 29	1 2	17 13	1 8	10 24	2 25	21 12	0 5	21 14	0 40	24 34	1 31	23 45	23 45	7 24			n.a.
T 4	0s17	21 55	2 31	11 19	2 31	2 38	0 45	17 44	1 2	17 10	1 8	10 23	2 25	21 13	0 5	21 13	0 40	24 34	1 31	23 45	23 46	7 21			n.a.
F 5	0 42	18 45	3 31	11 49	2 34	3 10	0 43	17 57	1 3	17 7	1 8	10 22	2 25	21 13	0 5	21 13	0 40	24 34	1 31	23 45	23 46	7 19			n.a.
S 6	1 6	14 18	4 19	12 18	2 37	3 42	0 41	18 11	1 3	17 4	1 8	10 20	2 25	21 13	0 6	21 13	0 40	24 34	1 31	23 45	23 46	7 16			n.a.
S 7	1 31	8 52	4 50	12 45	2 39	4 14	0 39	18 25	1 4	17 0	1 8	10 19	2 25	21 14	0 6	21 13	0 40	24 34	1 31	23 45	23 46	7 14			n.a.
M 8	1 55	2 51	5 0	13 10	2 41	4 46	0 36	18 38	1 4	16 57	1 9	10 17	2 25	21 14	0 6	21 12	0 40	24 35	1 32	23 46	23 46	7 11			n.a.
T 9	2 20	3s19	4 49	13 33	2 42	5 17	0 34	18 51	1 4	16 54	1 9	10 16	2 25	21 15	0 6	21 12	0 40	24 35	1 32	23 46	23 46	7 9			n.a.
W10	2 44	9 13	4 17	13 55	2 42	5 49	0 32	19 4	1 5	16 51	1 9	10 14	2 25	21 15	0 6	21 12	0 40	24 35	1 32	23 46	23 46	7 6			n.a.
T 11	3 8	14 27	3 30	14 14	2 42	6 20	0 30	19 17	1 5	16 48	1 9	10 13	2 26	21 16	0 6	21 12	0 40	24 35	1 32	23 47	23 46	7 3			n.a.
F 12	3 33	18 42	2 30	14 31	2 41	6 52	0 28	19 30	1 6	16 45	1 9	10 11	2 26	21 16	0 6	21 12	0 40	24 35	1 32	23 47	23 46	7 1			n.a.
S 13	3 57	21 47	1 24	14 45	2 39	7 23	0 25	19 42	1 6	16 42	1 10	10 10	2 26	21 17	0 6	21 11	0 40	24 35	1 32	23 47	23 46	6 58			n.a.
S 14	4 21	23 33	0 16	14 56	2 36	7 54	0 23	19 55	1 6	16 39	1 10	10 8	2 26	21 17	0 6	21 11	0 40	24 35	1 32	23 47	23 46	6 56			n.a.
M15	4 45	24 2	0s52	15 3	2 31	8 24	0 21	20 7	1 7	16 36	1 10	10 6	2 26	21 18	0 6	21 11	0 40	24 35	1 32	23 47	23 47	6 53			n.a.
T 16	5 9	23 16	1 55	15 7	2 26	8 55	0 18	20 19	1 7	16 33	1 10	10 5	2 26	21 18	0 6	21 11	0 40	24 35	1 32	23 47	23 47	6 51			n.a.
W17	5 33	21 26	2 51	15 7	2 19	9 25	0 16	20 31	1 7	16 30	1 10	10 3	2 26	21 19	0 6	21 11	0 40	24 35	1 32	23 47	23 47	6 48			n.a.
T 18	5 57	18 39	3 39	15 3	2 11	9 55	0 14	20 42	1 8	16 27	1 11	10 2	2 26	21 19	0 6	21 11	0 40	24 35	1 33	23 47	23 47	6 45			n.a.
F 19	6 21	15 7	4 17	14 54	2 1	10 25	0 11	20 53	1 8	16 24	1 11	10 0	2 26	21 20	0 6	21 10	0 40	24 35	1 33	23 47	23 47	6 43			n.a.
S 20	6 45	11 1	4 44	14 41	1 50	10 55	0 9	21 4	1 8	16 21	1 11	9 58	2 26	21 20	0 6	21 10	0 40	24 35	1 33	23 47	23 47	6 40			n.a.
S 21	7 8	6 30	4 58	14 22	1 37	11 24	0 7	21 15	1 8	16 18	1 11	9 57	2 26	21 21	0 6	21 10	0 40	24 35	1 33	23 48	23 47	6 38			n.a.
M22	7 32	1 44	4 59	13 57	1 23	11 53	0 4	21 26	1 9	16 16	1 11	9 55	2 26	21 21	0 6	21 10	0 40	24 35	1 33	23 48	23 47	6 35			n.a.
T 23	7 55	3n 8	4 48	13 28	1 7	12 22	0 2	21 36	1 9	16 13	1 12	9 53	2 26	21 22	0 6	21 10	0 41	24 35	1 33	23 48	23 47	6 32			n.a.
W24	8 19	7 56	4 23	12 53	0 49	12 51	0s 1	21 47	1 9	16 10	1 12	9 52	2 26	21 22	0 6	21 10	0 41	24 35	1 33	23 48	23 47	6 30			n.a.
T 25	8 42	12 28	3 46	12 13	0 30	13 19	0 3	21 57	1 10	16 7	1 12	9 50	2 26	21 23	0 6	21 10	0 41	24 35	1 33	23 48	23 47	6 27			n.a.
F 26	9 5	16 33	2 58	11 29	0 10	13 47	0 6	22 6	1 10	16 5	1 12	9 48	2 26	21 23	0 6	21 10	0 41	24 35	1 33	23 49	23 47	6 25			n.a.
S 27	9 28	19 59	2 1	10 42	0n11	14 14	0 8	22 16	1 10	16 2	1 13	9 46	2 26	21 24	0 6	21 10	0 41	24 35	1 33	23 49	23 47	6 22			n.a.
S 28	9 51	22 31	0 57	9 53	0 31	14 41	0 11	22 25	1 10	15 59	1 13	9 45	2 26	21 24	0 6	21 9	0 41	24 35	1 34	23 49	23 47	6 19			n.a.
M29	10 13	23 57	0n11	9 4	0 51	15 8	0 13	22 34	1 10	15 57	1 13	9 43	2 26	21 25	0 6	21 9	0 41	24 35	1 34	23 49	23 48	6 17			n.a.
T 30	10 36	24 6	1 20	8 15	1 11	15 35	0 16	22 43	1 11	15 54	1 13	9 41	2 26	21 26	0 6	21 9	0 41	24 35	1 34	23 49	23 48	6 14			n.a.
W31	10s58	22n52	2n26	7s30	1n29	16s 0	0s18	22s52	1s11	15n52	1n14	9n40	2s26	21s26	0s 6	21n 9	0n41	24n35	1n34	23n49	23n48	6s11			n.a.

Julian Day Number = 1344027.5, Delta T = 07h13m12s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'23, Lahiri = -18°13'22 Julian Calendar 1 Oct. 1034 BCE == Greg. Calendar 21 Sept. 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

NOVEMBER 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 59 31	29♎ 7'08	13♌45	21°R15	13♏24	7♐ 3	21♌12	0°R43	4♐23	29♋55	15°R41	1°R23	2♋26	26♓22	n.a.	T 1
F 2	2 3 28	0♏ 8'17	27°58	20♎12	14°39	7°50	21°20	0♉38	4°26	29°56	15♊40	1♋20	2°23	26°29	n.a.	F 2
S 3	2 7 24	1° 9'28	12♍33	19°20	15°55	8°37	21°28	0°33	4°29	29°56	15°39	1°14	2°20	26°35	n.a.	S 3
S 4	2 11 21	2°10'39	27°26	18°38	17°10	9°24	21°36	0°28	4°32	29°56	15°38	1° 7	2°17	26°42	n.a.	S 4
M 5	2 15 17	3°11'52	12♎29	18° 7	18°25	10°11	21°44	0°23	4°35	29°56	15°37	0°57	2°14	26°49	n.a.	M 5
T 6	2 19 14	4°13'05	27°34	17°48	19°40	10°58	21°51	0°18	4°38	29°57	15°36	0°48	2°10	26°56	n.a.	T 6
W 7	2 23 11	5°14'19	12♏30	17°D40	20°55	11°44	21°59	0°13	4°42	29°57	15°35	0°40	2° 7	27° 2	n.a.	W 7
T 8	2 27 7	6°15'33	27° 8	17°42	22°11	12°31	22° 6	0° 8	4°45	29°57	15°34	0°33	2° 4	27° 9	n.a.	T 8
F 9	2 31 4	7°16'49	11♐21	17°53	23°26	13°18	22°13	0° 3	4°48	29°57	15°33	0°29	2° 1	27°16	n.a.	F 9
S 10	2 35 0	8°18'04	25° 7	18°13	24°41	14° 5	22°20	29♈58	4°51	29°57	15°32	0°D27	1°58	27°23	n.a.	S 10
S 11	2 38 57	9°19'20	8♑25	18°42	25°56	14°52	22°27	29°53	4°55	29°57	15°31	0°27	1°54	27°29	n.a.	S 11
M12	2 42 53	10°20'36	21°17	19°17	27°11	15°39	22°34	29°48	4°58	29°R57	15°30	0°29	1°51	27°36	n.a.	M12
T 13	2 46 50	11°21'52	3♒47	19°59	28°26	16°26	22°40	29°43	5° 1	29°57	15°29	0°30	1°48	27°43	n.a.	T 13
W14	2 50 47	12°23'08	16° 0	20°46	29°42	17°13	22°47	29°38	5° 5	29°57	15°28	0°R30	1°45	27°49	n.a.	W14
T 15	2 54 43	13°24'25	28° 1	21°39	0♐57	18° 0	22°53	29°33	5° 8	29°57	15°27	0°28	1°42	27°56	n.a.	T 15
F 16	2 58 40	14°25'41	9♓55	22°35	2°12	18°47	22°59	29°29	5°11	29°57	15°26	0°25	1°39	28° 3	n.a.	F 16
S 17	3 2 36	15°26'57	21°46	23°36	3°27	19°35	23° 5	29°24	5°15	29°57	15°25	0°19	1°35	28°10	n.a.	S 17
S 18	3 6 33	16°28'14	3♈38	24°40	4°42	20°22	23°11	29°19	5°18	29°57	15°24	0°12	1°32	28°16	n.a.	S 18
M19	3 10 29	17°29'30	15°35	25°48	5°57	21° 9	23°17	29°15	5°22	29°56	15°23	0° 4	1°29	28°23	n.a.	M19
T 20	3 14 26	18°30'46	27°39	26°57	7°12	21°56	23°22	29°10	5°25	29°56	15°22	29♊56	1°26	28°30	n.a.	T 20
W21	3 18 22	19°32'03	9♉51	28°10	8°27	22°43	23°28	29° 6	5°29	29°56	15°20	29°48	1°23	28°36	n.a.	W21
T 22	3 22 19	20°33'19	22°13	29°24	9°42	23°30	23°33	29° 1	5°32	29°56	15°19	29°41	1°20	28°43	n.a.	T 22
F 23	3 26 16	21°34'36	4♊46	0♏40	10°57	24°17	23°38	28°57	5°35	29°55	15°18	29°37	1°16	28°50	n.a.	F 23
S 24	3 30 12	22°35'52	17°29	1°58	12°12	25° 4	23°43	28°52	5°39	29°55	15°17	29°34	1°13	28°57	n.a.	S 24
S 25	3 34 9	23°37'09	0♋23	3°17	13°27	25°51	23°47	28°48	5°42	29°54	15°16	29°D33	1°10	29° 3	n.a.	S 25
M26	3 38 5	24°38'26	13°30	4°37	14°42	26°39	23°52	28°44	5°46	29°54	15°15	29°34	1° 7	29°10	n.a.	M26
T 27	3 42 2	25°39'43	26°49	5°59	15°57	27°26	23°56	28°40	5°50	29°53	15°13	29°36	1° 4	29°17	n.a.	T 27
W28	3 45 58	26°41'00	10♌23	7°22	17°12	28°13	24° 1	28°36	5°53	29°53	15°12	29°37	1° 0	29°24	n.a.	W28
T 29	3 49 55	27°42'17	24°11	8°45	18°27	29° 0	24° 5	28°32	5°57	29°52	15°11	29°R38	0°57	29°30	n.a.	T 29
F 30	3 53 52	28♏43'34	8♍14	10♏10	19♐41	29♐47	24♌ 8	28♈28	6♐ 0	29♋52	15♊10	29♊38	0♋54	29♓37	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s20	20n14	3n26	6 s48	1n45	16 s26	0 s20	23 s 0	1 s11	15n49	1n14	9n38	2 s26	21 s27	0 s 6	21n 9	0n41	24n35	1n34	23n49	23n48	6 s 9		n.a.
F 2	11 42	16 20	4 15	6 10	2 0	16 51	0 23	23 8	1 11	15 47	1 14	9 36	2 26	21 27	0 6	21 9	0 41	24 35	1 34	23 49	23 48	6 6		n.a.
S 3	12 4	11 23	4 48	5 39	2 12	17 16	0 25	23 16	1 11	15 44	1 14	9 34	2 25	21 28	0 6	21 9	0 41	24 36	1 34	23 49	23 48	6 4		n.a.
S 4	12 25	5 40	5 4	5 13	2 22	17 40	0 28	23 23	1 12	15 42	1 15	9 33	2 25	21 29	0 6	21 9	0 41	24 36	1 34	23 49	23 48	6 1		n.a.
M 5	12 46	0 s27	4 58	4 54	2 31	18 4	0 30	23 31	1 12	15 40	1 15	9 31	2 25	21 29	0 6	21 9	0 41	24 35	1 34	23 49	23 48	5 58		n.a.
T 6	13 8	6 33	4 32	4 41	2 37	18 27	0 32	23 38	1 12	15 38	1 15	9 29	2 25	21 30	0 6	21 9	0 41	24 35	1 34	23 49	23 48	5 56		n.a.
W 7	13 28	12 13	3 48	4 34	2 41	18 50	0 35	23 44	1 12	15 35	1 15	9 28	2 25	21 30	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 53		n.a.
T 8	13 49	17 5	2 49	4 32	2 44	19 12	0 37	23 51	1 12	15 33	1 16	9 26	2 25	21 31	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 50		n.a.
F 9	14 10	20 50	1 41	4 35	2 45	19 34	0 39	23 57	1 12	15 31	1 16	9 24	2 25	21 32	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 48		n.a.
S 10	14 30	23 15	0 29	4 43	2 45	19 55	0 42	24 3	1 12	15 29	1 16	9 23	2 25	21 32	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 45		n.a.
S 11	14 50	24 15	0 s43	4 56	2 43	20 15	0 44	24 9	1 13	15 27	1 16	9 21	2 25	21 33	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 42		n.a.
M12	15 9	23 55	1 50	5 11	2 41	20 36	0 46	24 14	1 13	15 25	1 17	9 20	2 25	21 33	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 40		n.a.
T 13	15 29	22 21	2 50	5 30	2 37	20 55	0 49	24 19	1 13	15 23	1 17	9 18	2 24	21 34	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 37		n.a.
W14	15 48	19 47	3 40	5 52	2 33	21 14	0 51	24 24	1 13	15 21	1 17	9 16	2 24	21 35	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 34		n.a.
T 15	16 7	16 25	4 20	6 16	2 29	21 32	0 53	24 29	1 13	15 19	1 18	9 15	2 24	21 35	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 32		n.a.
F 16	16 25	12 25	4 49	6 43	2 23	21 50	0 55	24 33	1 13	15 18	1 18	9 13	2 24	21 36	0 6	21 9	0 41	24 35	1 35	23 49	23 48	5 29		n.a.
S 17	16 44	7 58	5 5	7 11	2 18	22 7	0 57	24 37	1 13	15 16	1 18	9 12	2 24	21 37	0 6	21 9	0 41	24 35	1 35	23 49	23 49	5 26		n.a.
S 18	17 2	3 13	5 8	7 40	2 11	22 23	0 59	24 41	1 13	15 14	1 18	9 10	2 24	21 37	0 6	21 9	0 41	24 35	1 36	23 49	23 49	5 24		n.a.
M19	17 19	1n40	4 57	8 11	2 5	22 39	1 1	24 44	1 13	15 12	1 19	9 9	2 24	21 38	0 6	21 10	0 41	24 35	1 36	23 49	23 49	5 21		n.a.
T 20	17 37	6 33	4 33	8 43	1 58	22 54	1 3	24 47	1 13	15 11	1 19	9 7	2 23	21 38	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 18		n.a.
W21	17 54	11 16	3 57	9 16	1 51	23 8	1 5	24 50	1 13	15 9	1 19	9 6	2 23	21 39	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 16		n.a.
T 22	18 10	15 35	3 9	9 49	1 44	23 22	1 7	24 52	1 13	15 8	1 20	9 4	2 23	21 40	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 13		n.a.
F 23	18 27	19 17	2 11	10 23	1 37	23 35	1 9	24 55	1 13	15 6	1 20	9 3	2 23	21 40	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 10		n.a.
S 24	18 43	22 8	1 5	10 57	1 29	23 47	1 11	24 57	1 13	15 5	1 20	9 1	2 23	21 41	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 8		n.a.
S 25	18 58	23 54	0n 5	11 32	1 22	23 59	1 13	24 58	1 13	15 4	1 20	9 0	2 23	21 42	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 5		n.a.
M26	19 14	24 22	1 15	12 6	1 14	24 9	1 14	25 0	1 13	15 3	1 21	8 59	2 22	21 42	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 2		n.a.
T 27	19 29	23 28	2 23	12 41	1 6	24 19	1 16	25 1	1 13	15 1	1 21	8 57	2 22	21 43	0 6	21 10	0 42	24 35	1 36	23 49	23 49	5 0		n.a.
W28	19 43	21 11	3 24	13 16	0 59	24 29	1 18	25 2	1 13	15 0	1 21	8 56	2 22	21 43	0 6	21 11	0 42	24 35	1 36	23 49	23 49	4 57		n.a.
T 29	19 58	17 40	4 15	13 50	0 51	24 37	1 19	25 2	1 13	14 59	1 22	8 55	2 22	21 44	0 6	21 11	0 42	24 35	1 37	23 49	23 49	4 54		n.a.
F 30	20 s11	13n 6	4n51	14 s25	0n43	24 s45	1 s21	25 s 2	1 s13	14n58	1n22	8n54	2 s22	21 s45	0 s 6	21n11	0n42	24n35	1n37	23n49	23n49	4 s52		n.a.

Julian Day Number = 1344058.5, Delta T = 07h13m11s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'19, Lahiri = -18°13'18 Julian Calendar 1 Nov. 1034 BCE == Greg. Calendar 22 Oct. 1034 BCE

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ASTRODIENST EPHEMERIS for the year 1034 BCE
geocentric

DECEMBER 1034 BCE (-1033) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 57 48	29♏44'51	22♍31	11♏35	20♐56	0♑34	24♌12	28°R24	6♐ 4	29°R51	15°R 8	29°R36	0♋51	29♓44	n.a.	S 1
S 2	4 1 45	0♐46'08	7♎ 0	13° 1	22°11	1°21	24°16	28♈20	6° 7	29♋50	15♊ 7	29♊33	0°48	29°50	n.a.	S 2
M 3	4 5 41	1°47'25	21°36	14°28	23°26	2° 9	24°19	28°16	6°11	29°50	15° 6	29°29	0°45	29°57	n.a.	M 3
T 4	4 9 38	2°48'41	6♏13	15°55	24°41	2°56	24°22	28°12	6°14	29°49	15° 4	29°25	0°41	0♈ 4	n.a.	T 4
W 5	4 13 34	3°49'58	20°45	17°23	25°56	3°43	24°25	28° 9	6°18	29°48	15° 3	29°21	0°38	0°11	n.a.	W 5
T 6	4 17 31	4°51'14	5♐ 5	18°52	27°10	4°30	24°28	28° 5	6°22	29°48	15° 2	29°18	0°35	0°17	n.a.	T 6
F 7	4 21 27	5°52'29	19° 8	20°21	28°25	5°17	24°30	28° 2	6°25	29°47	15° 1	29°17	0°32	0°24	n.a.	F 7
S 8	4 25 24	6°53'44	2♑49	21°51	29°40	6° 4	24°33	27°59	6°29	29°46	14°59	29°D16	0°29	0°31	n.a.	S 8
S 9	4 29 21	7°54'58	16° 8	23°21	0♑55	6°51	24°35	27°55	6°32	29°45	14°58	29°17	0°26	0°38	n.a.	S 9
M10	4 33 17	8°56'11	29° 3	24°52	2° 9	7°39	24°37	27°52	6°36	29°44	14°57	29°19	0°22	0°44	n.a.	M10
T 11	4 37 14	9°57'24	11♒38	26°24	3°24	8°26	24°39	27°49	6°39	29°43	14°55	29°20	0°19	0°51	n.a.	T 11
W12	4 41 10	10°58'35	23°55	27°55	4°39	9°13	24°41	27°46	6°43	29°42	14°54	29°22	0°16	0°58	n.a.	W12
T 13	4 45 7	11°59'45	6♓ 0	29°28	5°53	10° 0	24°42	27°43	6°47	29°41	14°53	29°22	0°13	1° 4	n.a.	T 13
F 14	4 49 3	13° 0'54	17°56	1♐ 1	7° 8	10°47	24°43	27°41	6°50	29°40	14°51	29°R22	0°10	1°11	n.a.	F 14
S 15	4 53 0	14° 2'02	29°48	2°35	8°22	11°34	24°44	27°38	6°54	29°39	14°50	29°22	0° 6	1°18	n.a.	S 15
S 16	4 56 56	15° 3'09	11♈41	4° 9	9°37	12°21	24°45	27°35	6°57	29°38	14°49	29°20	0° 3	1°25	n.a.	S 16
M17	5 0 53	16° 4'15	23°40	5°43	10°51	13° 8	24°46	27°33	7° 1	29°37	14°47	29°18	0° 0	1°31	n.a.	M17
T 18	5 4 50	17° 5'19	5♉47	7°19	12° 6	13°55	24°47	27°31	7° 4	29°36	14°46	29°17	29♊57	1°38	n.a.	T 18
W19	5 8 46	18° 6'22	18° 7	8°54	13°20	14°42	24°47	27°28	7° 8	29°35	14°45	29°15	29°54	1°45	n.a.	W19
T 20	5 12 43	19° 7'25	0♊40	10°31	14°35	15°29	24°R47	27°26	7°11	29°34	14°43	29°13	29°51	1°52	n.a.	T 20
F 21	5 16 39	20° 8'26	13°29	12° 8	15°49	16°16	24°47	27°24	7°15	29°33	14°42	29°12	29°47	1°58	n.a.	F 21
S 22	5 20 36	21° 9'26	26°33	13°46	17° 3	17° 3	24°47	27°22	7°18	29°31	14°41	29°D12	29°44	2° 5	n.a.	S 22
S 23	5 24 32	22°10'25	9♋52	15°24	18°18	17°50	24°46	27°21	7°22	29°30	14°40	29°12	29°41	2°12	n.a.	S 23
M24	5 28 29	23°11'23	23°24	17° 3	19°32	18°37	24°46	27°19	7°25	29°29	14°38	29°13	29°38	2°18	n.a.	M24
T 25	5 32 26	24°12'19	7♌ 8	18°43	20°46	19°24	24°45	27°17	7°29	29°28	14°37	29°13	29°35	2°25	n.a.	T 25
W26	5 36 22	25°13'15	21° 2	20°23	22° 0	20°11	24°44	27°16	7°32	29°26	14°36	29°14	29°31	2°32	n.a.	W26
T 27	5 40 19	26°14'10	5♍ 4	22° 4	23°15	20°58	24°43	27°14	7°36	29°25	14°34	29°14	29°28	2°39	n.a.	T 27
F 28	5 44 15	27°15'03	19°12	23°46	24°29	21°44	24°41	27°13	7°39	29°24	14°33	29°14	29°25	2°45	n.a.	F 28
S 29	5 48 12	28°15'56	3♎23	25°29	25°43	22°31	24°40	27°12	7°43	29°22	14°32	29°R14	29°22	2°52	n.a.	S 29
S 30	5 52 8	29°16'47	17°36	27°12	26°57	23°18	24°38	27°11	7°46	29°21	14°31	29°D14	29°19	2°59	n.a.	S 30
M31	5 56 5	0♑17'38	1♏47	28♐56	28♑11	24♑ 5	24♌36	27♈10	7♐49	29♋20	14♊29	29♊14	29♊16	3♈ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s25	7n45	5n10	14s59	0n36	24s52	1s22	25s 2	1s13	14n57	1n22	8n52	2s21	21s45	0s 6	21n11	0n42	24n35	1n37	23n49	23n49	4s49		n.a.
S 2	20 38	1 55	5 10	15 33	0 28	24 59	1 24	25 2	1 13	14 56	1 23	8 51	2 21	21 46	0 6	21 11	0 42	24 34	1 37	23 49	23 49	4 46		n.a.
M 3	20 51	4s 4	4 50	16 6	0 21	25 4	1 25	25 1	1 13	14 55	1 23	8 50	2 21	21 47	0 6	21 11	0 42	24 34	1 37	23 49	23 49	4 43		n.a.
T 4	21 3	9 52	4 11	16 39	0 14	25 9	1 27	25 0	1 13	14 55	1 23	8 49	2 21	21 47	0 6	21 12	0 42	24 34	1 37	23 49	23 49	4 41		n.a.
W 5	21 15	15 5	3 16	17 11	0 6	25 13	1 28	24 59	1 13	14 54	1 23	8 48	2 20	21 48	0 6	21 12	0 42	24 34	1 37	23 49	23 49	4 38		n.a.
T 6	21 27	19 22	2 9	17 43	0s 1	25 16	1 29	24 57	1 13	14 53	1 24	8 47	2 20	21 49	0 6	21 12	0 42	24 34	1 37	23 49	23 49	4 35		n.a.
F 7	21 38	22 27	0 55	18 15	0 8	25 19	1 30	24 55	1 13	14 53	1 24	8 46	2 20	21 49	0 6	21 12	0 42	24 34	1 37	23 49	23 49	4 33		n.a.
S 8	21 48	24 7	0s20	18 46	0 15	25 20	1 31	24 53	1 12	14 52	1 24	8 45	2 20	21 50	0 6	21 12	0 42	24 34	1 37	23 49	23 49	4 30		n.a.
S 9	21 59	24 20	1 32	19 16	0 22	25 21	1 32	24 50	1 12	14 52	1 25	8 44	2 19	21 50	0 6	21 13	0 42	24 34	1 37	23 49	23 49	4 27		n.a.
M10	22 8	23 14	2 37	19 45	0 29	25 21	1 33	24 48	1 12	14 51	1 25	8 43	2 19	21 51	0 6	21 13	0 42	24 34	1 37	23 49	23 49	4 24		n.a.
T 11	22 18	20 58	3 33	20 13	0 35	25 21	1 34	24 45	1 12	14 51	1 25	8 42	2 19	21 52	0 6	21 13	0 42	24 34	1 37	23 49	23 49	4 22		n.a.
W12	22 27	17 48	4 17	20 41	0 42	25 19	1 35	24 41	1 12	14 51	1 26	8 41	2 19	21 52	0 6	21 13	0 42	24 34	1 38	23 49	23 49	4 19		n.a.
T 13	22 35	13 56	4 50	21 8	0 48	25 17	1 36	24 38	1 12	14 51	1 26	8 41	2 18	21 53	0 6	21 14	0 42	24 34	1 38	23 49	23 49	4 16		n.a.
F 14	22 43	9 35	5 10	21 34	0 54	25 14	1 36	24 34	1 12	14 50	1 26	8 40	2 18	21 54	0 6	21 14	0 42	24 34	1 38	23 49	23 49	4 14		n.a.
S 15	22 51	4 54	5 16	21 59	1 0	25 10	1 37	24 30	1 12	14 50	1 27	8 39	2 18	21 54	0 6	21 14	0 42	24 33	1 38	23 49	23 49	4 11		n.a.
S 16	22 58	0 2	5 9	22 23	1 5	25 5	1 38	24 25	1 11	14 50	1 27	8 39	2 18	21 55	0 6	21 14	0 42	24 33	1 38	23 49	23 49	4 8		n.a.
M17	23 5	4n53	4 48	22 46	1 11	25 0	1 38	24 20	1 11	14 50	1 27	8 38	2 17	21 55	0 6	21 15	0 42	24 33	1 38	23 49	23 49	4 5		n.a.
T 18	23 11	9 40	4 14	23 7	1 16	24 54	1 39	24 15	1 11	14 50	1 28	8 37	2 17	21 56	0 6	21 15	0 42	24 33	1 38	23 49	23 49	4 3		n.a.
W19	23 17	14 10	3 28	23 28	1 21	24 47	1 39	24 10	1 11	14 51	1 28	8 37	2 17	21 57	0 6	21 15	0 42	24 33	1 38	23 49	23 49	4 0		n.a.
T 20	23 22	18 9	2 31	23 48	1 26	24 39	1 39	24 4	1 11	14 51	1 28	8 36	2 17	21 57	0 6	21 15	0 42	24 33	1 38	23 49	23 49	3 57		n.a.
F 21	23 27	21 21	1 26	24 6	1 30	24 30	1 39	23 58	1 10	14 51	1 29	8 36	2 16	21 58	0 6	21 16	0 43	24 33	1 38	23 49	23 49	3 54		n.a.
S 22	23 31	23 32	0 15	24 23	1 35	24 21	1 39	23 52	1 10	14 52	1 29	8 35	2 16	21 58	0 6	21 16	0 43	24 33	1 38	23 49	23 49	3 52		n.a.
S 23	23 35	24 25	0n59	24 38	1 39	24 11	1 40	23 46	1 10	14 52	1 29	8 35	2 16	21 59	0 6	21 16	0 43	24 33	1 38	23 49	23 49	3 49		n.a.
M24	23 38	23 53	2 10	24 52	1 42	24 1	1 40	23 39	1 10	14 53	1 29	8 35	2 15	22 0	0 6	21 17	0 43	24 33	1 38	23 49	23 49	3 46		n.a.
T 25	23 41	21 55	3 15	25 5	1 46	23 49	1 39	23 32	1 10	14 53	1 30	8 34	2 15	22 0	0 6	21 17	0 43	24 33	1 38	23 49	23 49	3 43		n.a.
W26	23 44	18 38	4 9	25 16	1 49	23 37	1 39	23 25	1 9	14 54	1 30	8 34	2 15	22 1	0 6	21 17	0 43	24 33	1 38	23 49	23 49	3 41		n.a.
T 27	23 46	14 16	4 49	25 26	1 52	23 24	1 39	23 18	1 9	14 55	1 30	8 34	2 15	22 1	0 6	21 17	0 43	24 32	1 39	23 49	23 49	3 38		n.a.
F 28	23 47	9 7	5 12	25 34	1 54	23 11	1 39	23 10	1 9	14 55	1 31	8 34	2 14	22 2	0 6	21 18	0 43	24 32	1 39	23 49	23 49	3 35		n.a.
S 29	23 48	3 28	5 16	25 40	1 56	22 57	1 38	23 2	1 9	14 56	1 31	8 33	2 14	22 3	0 6	21 18	0 43	24 32	1 39	23 49	23 49	3 32		n.a.
S 30	23 49	2s23	5 1	25 45	1 58	22 42	1 38	22 54	1 8	14 57	1 31	8 33	2 14	22 3	0 6	21 18	0 43	24 32	1 39	23 49	23 49	3 30		n.a.
M31	23s49	8s 6	4n27	25s48	1s59	22s26	1s37	22s45	1s 8	14n58	1n32	8n33	2s13	22s 4	0s 6	21n19	0n43	24n32	1n39	23n49	23n49	3s27		n.a.

Julian Day Number = 1344088.5, Delta T = 07h13m09s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'15, Lahiri = -18°13'14 Julian Calendar 1 Dec. 1034 BCE == Greg. Calendar 21 Nov. 1034 BCE

The year -1033 astronomical counting style corresponds to year 1034 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

JANUARY 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 0 1	1♉18'27	15♏56	0♉41	29♉25	24♉51	24°R34	27°R 9	7♐53	29°R18	14°R28	29♊14	29♊12	3♈12	n.a.	T 1
W 2	6 3 58	2°19'15	29°57	2°27	0♒39	25°38	24♌31	27♈ 8	7°56	29♋17	14♊27	29°15	29° 9	3°19	n.a.	W 2
T 3	6 7 55	3°20'02	13♐49	4°13	1°53	26°25	24°29	27° 8	7°59	29°15	14°25	29°15	29° 6	3°26	n.a.	T 3
F 4	6 11 51	4°20'47	27°28	6° 0	3° 7	27°12	24°26	27° 7	8° 3	29°14	14°24	29°R15	29° 3	3°32	n.a.	F 4
S 5	6 15 48	5°21'31	10♉51	7°48	4°21	27°58	24°23	27° 7	8° 6	29°12	14°23	29°15	29° 0	3°39	n.a.	S 5
S 6	6 19 44	6°22'13	23°59	9°37	5°34	28°45	24°20	27° 7	8° 9	29°11	14°22	29°14	28°57	3°46	n.a.	S 6
M 7	6 23 41	7°22'54	6♒48	11°26	6°48	29°31	24°17	27° 7	8°12	29° 9	14°21	29°14	28°53	3°53	n.a.	M 7
T 8	6 27 37	8°23'33	19°22	13°16	8° 2	0♒18	24°13	27°D 7	8°16	29° 8	14°19	29°12	28°50	3°59	n.a.	T 8
W 9	6 31 34	9°24'10	1♓40	15° 6	9°16	1° 4	24°10	27° 7	8°19	29° 6	14°18	29°11	28°47	4° 6	n.a.	W 9
T 10	6 35 30	10°24'44	13°46	16°57	10°29	1°51	24° 6	27° 7	8°22	29° 5	14°17	29°10	28°44	4°13	n.a.	T 10
F 11	6 39 27	11°25'17	25°43	18°48	11°43	2°37	24° 2	27° 7	8°25	29° 3	14°16	29° 8	28°41	4°19	n.a.	F 11
S 12	6 43 24	12°25'48	7♈36	20°39	12°56	3°24	23°58	27° 8	8°28	29° 2	14°15	29°D 8	28°37	4°26	n.a.	S 12
S 13	6 47 20	13°26'17	19°29	22°30	14°10	4°10	23°54	27° 8	8°31	29° 0	14°14	29° 8	28°34	4°33	n.a.	S 13
M14	6 51 17	14°26'44	1♉27	24°21	15°23	4°57	23°49	27° 9	8°34	28°58	14°12	29° 9	28°31	4°40	n.a.	M14
T 15	6 55 13	15°27'09	13°35	26°12	16°37	5°43	23°45	27°10	8°37	28°57	14°11	29°10	28°28	4°46	n.a.	T 15
W16	6 59 10	16°27'32	25°56	28° 2	17°50	6°29	23°40	27°11	8°40	28°55	14°10	29°11	28°25	4°53	n.a.	W16
T 17	7 3 6	17°27'53	8♊35	29°51	19° 3	7°15	23°35	27°12	8°43	28°54	14° 9	29°13	28°22	5° 0	n.a.	T 17
F 18	7 7 3	18°28'12	21°34	1♒38	20°16	8° 2	23°30	27°13	8°46	28°52	14° 8	29°14	28°18	5° 7	n.a.	F 18
S 19	7 10 59	19°28'29	4♋55	3°24	21°29	8°48	23°25	27°14	8°49	28°50	14° 7	29°R14	28°15	5°13	n.a.	S 19
S 20	7 14 56	20°28'43	18°36	5° 8	22°42	9°34	23°19	27°15	8°52	28°49	14° 6	29°13	28°12	5°20	n.a.	S 20
M21	7 18 53	21°28'56	2♌35	6°49	23°55	10°20	23°14	27°17	8°55	28°47	14° 5	29°11	28° 9	5°27	n.a.	M21
T 22	7 22 49	22°29'07	16°49	8°28	25° 8	11° 6	23° 8	27°18	8°58	28°45	14° 4	29° 8	28° 6	5°33	n.a.	T 22
W23	7 26 46	23°29'17	1♍12	10° 2	26°21	11°52	23° 2	27°20	9° 1	28°44	14° 3	29° 4	28° 3	5°40	n.a.	W23
T 24	7 30 42	24°29'24	15°40	11°32	27°34	12°38	22°56	27°22	9° 4	28°42	14° 2	29° 1	27°59	5°47	n.a.	T 24
F 25	7 34 39	25°29'29	0♎ 5	12°57	28°47	13°24	22°50	27°24	9° 6	28°40	14° 1	28°58	27°56	5°54	n.a.	F 25
S 26	7 38 35	26°29'33	14°25	14°17	29°59	14°10	22°44	27°26	9° 9	28°39	14° 0	28°56	27°53	6° 0	n.a.	S 26
S 27	7 42 32	27°29'35	28°36	15°31	1♓12	14°56	22°38	27°28	9°12	28°37	13°59	28°D55	27°50	6° 7	n.a.	S 27
M28	7 46 28	28°29'35	12♏36	16°39	2°24	15°42	22°31	27°30	9°14	28°35	13°58	28°56	27°47	6°14	n.a.	M28
T 29	7 50 25	29°29'34	26°24	17°39	3°37	16°27	22°25	27°32	9°17	28°34	13°58	28°57	27°43	6°21	n.a.	T 29
W30	7 54 22	0♒29'31	10♐ 1	18°32	4°49	17°13	22°18	27°35	9°19	28°32	13°57	28°59	27°40	6°27	n.a.	W30
T 31	7 58 18	1♒29'26	23♐25	19♒16	6♓ 1	17♒59	22♌11	27♈37	9♐22	28♋30	13♊56	29°R 0	27♊37	6♈34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s49	13 s24	3n38	25 s49	2 s 0	22 s10	1 s37	22 s36	1 s 8	14n59	1n32	8n33	2 s13	22 s 4	0 s 6	21n19	0n43	24n32	1n39	23n49	23n49	3 s24			n.a.
W 2	23 48	17 56	2 35	25 48	2 0	21 53	1 36	22 27	1 8	15 0	1 32	8 33	2 13	22 5	0 6	21 19	0 43	24 32	1 39	23 49	23 49	3 21			n.a.
T 3	23 47	21 25	1 25	25 45	2 0	21 36	1 35	22 18	1 7	15 1	1 33	8 33	2 12	22 5	0 6	21 20	0 43	24 32	1 39	23 49	23 49	3 19			n.a.
F 4	23 45	23 38	0 10	25 40	2 0	21 18	1 34	22 9	1 7	15 2	1 33	8 33	2 12	22 6	0 6	21 20	0 43	24 32	1 39	23 49	23 49	3 16			n.a.
S 5	23 42	24 26	1 s 4	25 34	1 59	20 59	1 33	21 59	1 7	15 4	1 33	8 34	2 12	22 6	0 6	21 20	0 43	24 32	1 39	23 49	23 49	3 13			n.a.
S 6	23 40	23 50	2 13	25 25	1 57	20 40	1 32	21 49	1 6	15 5	1 33	8 34	2 12	22 7	0 6	21 21	0 43	24 32	1 39	23 49	23 49	3 10			n.a.
M 7	23 37	21 59	3 13	25 14	1 55	20 20	1 31	21 39	1 6	15 6	1 34	8 34	2 11	22 7	0 6	21 21	0 43	24 31	1 39	23 49	23 49	3 8			n.a.
T 8	23 33	19 5	4 3	25 1	1 53	20 0	1 30	21 29	1 6	15 8	1 34	8 34	2 11	22 8	0 6	21 21	0 43	24 31	1 39	23 49	23 49	3 5			n.a.
W 9	23 29	15 24	4 41	24 46	1 49	19 39	1 29	21 18	1 5	15 9	1 34	8 35	2 11	22 9	0 6	21 22	0 43	24 31	1 39	23 49	23 49	3 2			n.a.
T 10	23 24	11 10	5 5	24 28	1 46	19 17	1 28	21 7	1 5	15 11	1 35	8 35	2 10	22 9	0 6	21 22	0 43	24 31	1 39	23 49	23 49	2 59			n.a.
F 11	23 19	6 32	5 16	24 9	1 41	18 55	1 26	20 56	1 5	15 12	1 35	8 35	2 10	22 10	0 6	21 22	0 43	24 31	1 39	23 49	23 49	2 56			n.a.
S 12	23 14	1 43	5 13	23 47	1 36	18 33	1 25	20 45	1 4	15 14	1 35	8 36	2 10	22 10	0 6	21 23	0 43	24 31	1 39	23 49	23 49	2 54			n.a.
S 13	23 8	3n10	4 57	23 23	1 30	18 10	1 23	20 33	1 4	15 16	1 35	8 36	2 9	22 11	0 6	21 23	0 43	24 31	1 39	23 49	23 49	2 51			n.a.
M14	23 1	7 59	4 27	22 58	1 24	17 46	1 22	20 22	1 4	15 18	1 36	8 37	2 9	22 11	0 6	21 23	0 43	24 31	1 39	23 49	23 49	2 48			n.a.
T 15	22 54	12 34	3 46	22 30	1 17	17 22	1 20	20 10	1 3	15 19	1 36	8 37	2 9	22 12	0 6	21 24	0 43	24 31	1 40	23 49	23 49	2 45			n.a.
W16	22 47	16 44	2 54	22 0	1 9	16 58	1 18	19 58	1 3	15 21	1 36	8 38	2 8	22 12	0 6	21 24	0 43	24 31	1 40	23 49	23 49	2 43			n.a.
T 17	22 39	20 15	1 51	21 29	1 0	16 33	1 16	19 46	1 3	15 23	1 36	8 39	2 8	22 13	0 6	21 25	0 43	24 31	1 40	23 49	23 48	2 40			n.a.
F 18	22 31	22 51	0 42	20 56	0 51	16 8	1 14	19 33	1 2	15 25	1 37	8 39	2 8	22 13	0 6	21 25	0 43	24 30	1 40	23 49	23 48	2 37			n.a.
S 19	22 23	24 15	0n31	20 21	0 40	15 42	1 12	19 20	1 2	15 27	1 37	8 40	2 8	22 14	0 6	21 25	0 43	24 30	1 40	23 49	23 48	2 34			n.a.
S 20	22 14	24 14	1 45	19 46	0 30	15 16	1 10	19 8	1 2	15 29	1 37	8 41	2 7	22 14	0 6	21 26	0 43	24 30	1 40	23 49	23 48	2 31			n.a.
M21	22 4	22 42	2 53	19 9	0 18	14 50	1 8	18 55	1 1	15 31	1 37	8 42	2 7	22 14	0 6	21 26	0 43	24 30	1 40	23 49	23 48	2 29			n.a.
T 22	21 55	19 44	3 52	18 32	0 6	14 23	1 6	18 41	1 1	15 33	1 38	8 43	2 7	22 15	0 6	21 26	0 43	24 30	1 40	23 49	23 48	2 26			n.a.
W23	21 44	15 31	4 37	17 54	0n 7	13 56	1 4	18 28	1 0	15 36	1 38	8 43	2 6	22 15	0 6	21 27	0 43	24 30	1 40	23 49	23 48	2 23			n.a.
T 24	21 34	10 25	5 5	17 16	0 20	13 28	1 2	18 15	1 0	15 38	1 38	8 44	2 6	22 16	0 6	21 27	0 43	24 30	1 40	23 49	23 48	2 20			n.a.
F 25	21 23	4 45	5 13	16 38	0 34	13 0	0 59	18 1	1 0	15 40	1 38	8 45	2 6	22 16	0 6	21 27	0 43	24 30	1 40	23 49	23 48	2 17			n.a.
S 26	21 11	1 s 8	5 2	16 2	0 49	12 32	0 57	17 47	0 59	15 42	1 39	8 46	2 5	22 17	0 6	21 28	0 43	24 30	1 40	23 49	23 48	2 15			n.a.
S 27	20 59	6 54	4 33	15 26	1 3	12 4	0 54	17 33	0 59	15 45	1 39	8 47	2 5	22 17	0 6	21 28	0 43	24 30	1 40	23 49	23 48	2 12			n.a.
M28	20 47	12 16	3 47	14 51	1 18	11 35	0 52	17 19	0 58	15 47	1 39	8 49	2 5	22 18	0 6	21 29	0 43	24 30	1 40	23 49	23 48	2 9			n.a.
T 29	20 35	16 55	2 49	14 18	1 33	11 6	0 49	17 4	0 58	15 49	1 39	8 50	2 5	22 18	0 6	21 29	0 43	24 30	1 40	23 49	23 48	2 6			n.a.
W30	20 22	20 37	1 42	13 48	1 48	10 37	0 46	16 50	0 58	15 52	1 39	8 51	2 4	22 18	0 6	21 29	0 43	24 30	1 40	23 49	23 48	2 3			n.a.
T 31	20 s 9	23 s 9	0n31	13 s20	2n 3	10 s 7	0 s43	16 s35	0 s57	15n54	1n40	8n52	2 s 4	22 s19	0 s 7	21n30	0n43	24n29	1n40	23n49	23n48	2 s 1			n.a.

Julian Day Number = 1344119.5, Delta T = 07h13m08s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'10, Lahiri = -18°13'10 Julian Calendar 1 Jan. 1033 BCE == Greg. Calendar 22 Dec. 1034 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

FEBRUARY 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 2 15	2♒29'19	6♉37	19♒53	7♓14	18♒45	22°R 4	27♈40	9♐25	28°R29	13°R55	29°R 0	27♊34	6♈41	n.a.	F 1
S 2	8 6 11	3°29'11	19°38	20°21	8°26	19°30	21♌57	27°43	9°27	28♋27	13♊54	28♊58	27°31	6°47	n.a.	S 2
S 3	8 10 8	4°29'00	2♒26	20°40	9°38	20°16	21°50	27°46	9°29	28°25	13°53	28°55	27°28	6°54	n.a.	S 3
M 4	8 14 4	5°28'47	15° 3	20°50	10°50	21° 1	21°43	27°49	9°32	28°24	13°53	28°49	27°24	7° 1	n.a.	M 4
T 5	8 18 1	6°28'32	27°27	20°R52	12° 2	21°47	21°36	27°52	9°34	28°22	13°52	28°43	27°21	7° 8	n.a.	T 5
W 6	8 21 57	7°28'14	9♓40	20°45	13°14	22°32	21°29	27°55	9°36	28°20	13°51	28°35	27°18	7°14	n.a.	W 6
T 7	8 25 54	8°27'54	21°44	20°29	14°25	23°18	21°21	27°58	9°39	28°19	13°51	28°28	27°15	7°21	n.a.	T 7
F 8	8 29 51	9°27'32	3♈40	20° 7	15°37	24° 3	21°14	28° 2	9°41	28°17	13°50	28°22	27°12	7°28	n.a.	F 8
S 9	8 33 47	10°27'08	15°32	19°36	16°49	24°48	21° 7	28° 5	9°43	28°15	13°49	28°17	27° 9	7°34	n.a.	S 9
S 10	8 37 44	11°26'41	27°24	19° 0	18° 0	25°34	20°59	28° 9	9°45	28°14	13°49	28°14	27° 5	7°41	n.a.	S 10
M11	8 41 40	12°26'11	9♉20	18°18	19°11	26°19	20°52	28°12	9°47	28°12	13°48	28°D13	27° 2	7°48	n.a.	M11
T 12	8 45 37	13°25'40	21°25	17°31	20°23	27° 4	20°44	28°16	9°49	28°11	13°47	28°13	26°59	7°55	n.a.	T 12
W13	8 49 33	14°25'06	3♊44	16°41	21°34	27°49	20°36	28°20	9°51	28° 9	13°47	28°14	26°56	8° 1	n.a.	W13
T 14	8 53 30	15°24'29	16°22	15°49	22°45	28°34	20°29	28°24	9°53	28° 7	13°46	28°15	26°53	8° 8	n.a.	T 14
F 15	8 57 26	16°23'50	29°23	14°55	23°56	29°19	20°21	28°28	9°55	28° 6	13°46	28°R16	26°49	8°15	n.a.	F 15
S 16	9 1 23	17°23'09	12♋50	14° 1	25° 7	0♓ 4	20°13	28°32	9°57	28° 4	13°45	28°15	26°46	8°22	n.a.	S 16
S 17	9 5 19	18°22'25	26°43	13° 8	26°17	0°49	20° 5	28°36	9°59	28° 3	13°45	28°12	26°43	8°28	n.a.	S 17
M18	9 9 16	19°21'39	11♌ 1	12°18	27°28	1°34	19°58	28°41	10° 1	28° 1	13°44	28° 6	26°40	8°35	n.a.	M18
T 19	9 13 13	20°20'51	25°39	11°30	28°39	2°19	19°50	28°45	10° 2	28° 0	13°44	27°59	26°37	8°42	n.a.	T 19
W20	9 17 9	21°20'00	10♍30	10°46	29°49	3° 4	19°42	28°50	10° 4	27°58	13°44	27°51	26°34	8°48	n.a.	W20
T 21	9 21 6	22°19'08	25°25	10° 6	0♈59	3°49	19°34	28°54	10° 6	27°57	13°43	27°43	26°30	8°55	n.a.	T 21
F 22	9 25 2	23°18'13	10♎15	9°31	2° 9	4°33	19°27	28°59	10° 7	27°55	13°43	27°35	26°27	9° 2	n.a.	F 22
S 23	9 28 59	24°17'16	24°54	9° 1	3°19	5°18	19°19	29° 4	10° 9	27°54	13°43	27°30	26°24	9° 9	n.a.	S 23
S 24	9 32 55	25°16'18	9♏15	8°36	4°29	6° 3	19°11	29° 8	10°10	27°52	13°42	27°27	26°21	9°15	n.a.	S 24
M25	9 36 52	26°15'18	23°17	8°17	5°39	6°47	19° 4	29°13	10°12	27°51	13°42	27°D26	26°18	9°22	n.a.	M25
T 26	9 40 48	27°14'16	6♐59	8° 4	6°49	7°32	18°56	29°18	10°13	27°50	13°42	27°26	26°15	9°29	n.a.	T 26
W27	9 44 45	28°13'12	20°22	7°57	7°58	8°16	18°48	29°23	10°15	27°48	13°42	27°26	26°11	9°35	n.a.	W27
T 28	9 48 42	29°12'06	3♑29	7°D55	9° 8	9° 0	18°41	29°28	10°16	27°47	13°41	27°R26	26° 8	9°42	n.a.	T 28
F 29	9 52 38	0♓10'58	16♑22	7♒58	10♈17	9♓45	18♌33	29♈34	10♐17	27♋45	13♊41	27♊25	26♊ 5	9♈49	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s55	24s20	0s42	12s55	2n18	9s37	0s41	16s20	0s57	15n56	1n40	8n53	2s 4	22s19	0s 7	21n30	0n43	24n29	1n40	23n49	23n48	1s58		n.a.
S 2	19 41	24 10	1 50	12 32	2 32	9 7	0 38	16 6	0 56	15 59	1 40	8 55	2 3	22 20	0 7	21 30	0 43	24 29	1 40	23 49	23 48	1 55		n.a.
S 3	19 27	22 43	2 52	12 14	2 45	8 37	0 35	15 51	0 56	16 1	1 40	8 56	2 3	22 20	0 7	21 31	0 43	24 29	1 40	23 49	23 48	1 52		n.a.
M 4	19 12	20 9	3 44	11 58	2 58	8 7	0 32	15 35	0 55	16 4	1 40	8 57	2 3	22 20	0 7	21 31	0 43	24 29	1 40	23 49	23 48	1 49		n.a.
T 5	18 57	16 41	4 25	11 47	3 9	7 36	0 29	15 20	0 55	16 6	1 40	8 59	2 3	22 21	0 7	21 31	0 43	24 29	1 40	23 49	23 47	1 46		n.a.
W 6	18 42	12 34	4 53	11 39	3 20	7 5	0 26	15 5	0 55	16 9	1 41	9 0	2 2	22 21	0 7	21 32	0 43	24 29	1 40	23 49	23 47	1 44		n.a.
T 7	18 26	8 1	5 7	11 35	3 29	6 34	0 23	14 49	0 54	16 12	1 41	9 1	2 2	22 21	0 7	21 32	0 43	24 29	1 40	23 49	23 47	1 41		n.a.
F 8	18 10	3 13	5 8	11 36	3 36	6 3	0 19	14 33	0 54	16 14	1 41	9 3	2 2	22 22	0 7	21 32	0 43	24 29	1 40	23 48	23 47	1 38		n.a.
S 9	17 54	1n40	4 55	11 39	3 42	5 32	0 16	14 17	0 53	16 17	1 41	9 4	2 1	22 22	0 7	21 33	0 43	24 29	1 40	23 48	23 47	1 35		n.a.
S 10	17 37	6 31	4 30	11 47	3 47	5 1	0 13	14 2	0 53	16 19	1 41	9 6	2 1	22 22	0 7	21 33	0 43	24 29	1 41	23 48	23 47	1 32		n.a.
M11	17 20	11 9	3 53	11 57	3 49	4 29	0 9	13 46	0 52	16 22	1 41	9 8	2 1	22 23	0 7	21 33	0 43	24 29	1 41	23 48	23 47	1 29		n.a.
T 12	17 3	15 25	3 6	12 11	3 50	3 58	0 6	13 29	0 52	16 24	1 41	9 9	2 1	22 23	0 7	21 34	0 43	24 29	1 41	23 48	23 47	1 27		n.a.
W13	16 46	19 8	2 9	12 28	3 48	3 26	0 3	13 13	0 51	16 27	1 41	9 11	2 0	22 23	0 7	21 34	0 43	24 29	1 41	23 48	23 47	1 24		n.a.
T 14	16 28	22 3	1 4	12 47	3 45	2 55	0n 1	12 57	0 51	16 30	1 41	9 12	2 0	22 24	0 7	21 34	0 43	24 29	1 41	23 48	23 47	1 21		n.a.
F 15	16 10	23 55	0n 6	13 7	3 40	2 23	0 4	12 40	0 50	16 32	1 42	9 14	2 0	22 24	0 7	21 35	0 43	24 29	1 41	23 48	23 47	1 18		n.a.
S 16	15 52	24 29	1 18	13 30	3 33	1 51	0 8	12 24	0 50	16 35	1 42	9 16	2 0	22 24	0 7	21 35	0 43	24 29	1 41	23 48	23 47	1 15		n.a.
S 17	15 34	23 33	2 27	13 53	3 24	1 19	0 11	12 7	0 49	16 37	1 42	9 18	1 59	22 25	0 7	21 35	0 43	24 29	1 41	23 48	23 47	1 12		n.a.
M18	15 15	21 5	3 29	14 17	3 14	0 48	0 15	11 51	0 49	16 40	1 42	9 19	1 59	22 25	0 7	21 36	0 43	24 29	1 41	23 48	23 47	1 10		n.a.
T 19	14 56	17 13	4 19	14 41	3 3	0 16	0 19	11 34	0 48	16 42	1 42	9 21	1 59	22 25	0 7	21 36	0 44	24 29	1 41	23 48	23 46	1 7		n.a.
W20	14 37	12 14	4 52	15 5	2 50	0n16	0 22	11 17	0 48	16 45	1 42	9 23	1 58	22 25	0 7	21 36	0 44	24 29	1 41	23 48	23 46	1 4		n.a.
T 21	14 17	6 30	5 5	15 29	2 37	0 48	0 26	11 0	0 47	16 47	1 42	9 25	1 58	22 26	0 7	21 37	0 44	24 29	1 41	23 48	23 46	1 1		n.a.
F 22	13 58	0 26	4 58	15 51	2 23	1 19	0 30	10 43	0 47	16 50	1 42	9 27	1 58	22 26	0 7	21 37	0 44	24 29	1 41	23 48	23 46	0 58		n.a.
S 23	13 38	5s35	4 32	16 13	2 9	1 51	0 34	10 26	0 46	16 52	1 42	9 29	1 58	22 26	0 7	21 37	0 44	24 29	1 41	23 48	23 46	0 55		n.a.
S 24	13 18	11 12	3 48	16 34	1 54	2 23	0 37	10 9	0 46	16 55	1 42	9 31	1 57	22 26	0 7	21 38	0 44	24 29	1 41	23 48	23 46	0 53		n.a.
M25	12 58	16 7	2 52	16 54	1 39	2 54	0 41	9 52	0 45	16 57	1 42	9 33	1 57	22 27	0 7	21 38	0 44	24 29	1 41	23 48	23 46	0 50		n.a.
T 26	12 37	20 4	1 47	17 12	1 24	3 26	0 45	9 34	0 45	17 0	1 42	9 35	1 57	22 27	0 7	21 38	0 44	24 29	1 41	23 48	23 46	0 47		n.a.
W27	12 17	22 50	0 38	17 28	1 9	3 57	0 49	9 17	0 44	17 2	1 42	9 37	1 57	22 27	0 7	21 38	0 44	24 29	1 41	23 48	23 46	0 44		n.a.
T 28	11 56	24 19	0s32	17 43	0 54	4 29	0 52	8 59	0 44	17 5	1 42	9 39	1 56	22 27	0 7	21 39	0 44	24 29	1 41	23 48	23 46	0 41		n.a.
F 29	11s35	24s26	1s39	17s56	0n39	5n 0	0n56	8s42	0s43	17n 7	1n42	9n41	1s56	22s28	0s 7	21n39	0n44	24n29	1n41	23n48	23n46	0s38		n.a.

Julian Day Number = 1344150.5, Delta T = 07h13m06s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'06, Lahiri = -18°13'06 Julian Calendar 1 Feb. 1033 BCE == Greg. Calendar 22 Jan. 1033 BCE

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

MARCH 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 35	1♓ 9'49	29♉ 2	8♒ 7	11♈26	10♓29	18°R26	29♈39	10♐19	27°R44	13°R41	27°R21	26♊ 2	9♈56	n.a.	S 1
S 2	10 0 31	2° 8'37	11♒32	8°21	12°35	11°13	18♌19	29°44	10°20	27♋43	13♊41	27♊14	25°59	10° 2	n.a.	S 2
M 3	10 4 28	3° 7'23	23°53	8°40	13°44	11°58	18°11	29°50	10°21	27°41	13°41	27° 4	25°55	10° 9	n.a.	M 3
T 4	10 8 24	4° 6'07	6♓ 5	9° 3	14°53	12°42	18° 4	29°55	10°22	27°40	13°41	26°53	25°52	10°16	n.a.	T 4
W 5	10 12 21	5° 4'49	18°10	9°31	16° 2	13°26	17°57	0♉ 1	10°23	27°39	13°41	26°40	25°49	10°23	n.a.	W 5
T 6	10 16 17	6° 3'29	0♈ 8	10° 4	17°10	14°10	17°50	0° 7	10°24	27°38	13°D41	26°27	25°46	10°29	n.a.	T 6
F 7	10 20 14	7° 2'07	12° 2	10°40	18°18	14°54	17°43	0°12	10°25	27°36	13°41	26°15	25°43	10°36	n.a.	F 7
S 8	10 24 10	8° 0'42	23°52	11°20	19°27	15°38	17°36	0°18	10°26	27°35	13°41	26° 6	25°40	10°43	n.a.	S 8
S 9	10 28 7	8°59'16	5♉43	12° 4	20°35	16°22	17°29	0°24	10°27	27°34	13°41	25°58	25°36	10°49	n.a.	S 9
M10	10 32 4	9°57'47	17°38	12°51	21°42	17° 6	17°22	0°30	10°27	27°33	13°41	25°54	25°33	10°56	n.a.	M10
T 11	10 36 0	10°56'15	29°40	13°42	22°50	17°50	17°16	0°36	10°28	27°32	13°41	25°52	25°30	11° 3	n.a.	T 11
W12	10 39 57	11°54'42	11♊56	14°36	23°58	18°33	17° 9	0°42	10°29	27°31	13°41	25°D51	25°27	11°10	n.a.	W12
T 13	10 43 53	12°53'06	24°30	15°33	25° 5	19°17	17° 3	0°48	10°29	27°30	13°41	25°R51	25°24	11°16	n.a.	T 13
F 14	10 47 50	13°51'28	7♋27	16°33	26°12	20° 1	16°57	0°54	10°30	27°29	13°41	25°51	25°20	11°23	n.a.	F 14
S 15	10 51 46	14°49'48	20°52	17°36	27°19	20°44	16°50	1° 1	10°31	27°28	13°42	25°49	25°17	11°30	n.a.	S 15
S 16	10 55 43	15°48'05	4♌45	18°41	28°26	21°28	16°44	1° 7	10°31	27°27	13°42	25°45	25°14	11°36	n.a.	S 16
M17	10 59 39	16°46'21	19° 8	19°49	29°32	22°11	16°38	1°13	10°31	27°26	13°42	25°38	25°11	11°43	n.a.	M17
T 18	11 3 36	17°44'34	3♍56	21° 0	0♉39	22°55	16°33	1°20	10°32	27°25	13°42	25°28	25° 8	11°50	n.a.	T 18
W19	11 7 32	18°42'45	19° 3	22°13	1°45	23°38	16°27	1°26	10°32	27°24	13°43	25°18	25° 5	11°57	n.a.	W19
T 20	11 11 29	19°40'54	4♎17	23°28	2°51	24°21	16°22	1°33	10°32	27°23	13°43	25° 7	25° 1	12° 3	n.a.	T 20
F 21	11 15 26	20°39'02	19°28	24°45	3°57	25° 5	16°16	1°39	10°33	27°22	13°43	24°57	24°58	12°10	n.a.	F 21
S 22	11 19 22	21°37'08	4♏27	26° 5	5° 2	25°48	16°11	1°46	10°33	27°21	13°44	24°49	24°55	12°17	n.a.	S 22
S 23	11 23 19	22°35'12	19° 4	27°27	6° 7	26°31	16° 6	1°53	10°33	27°20	13°44	24°44	24°52	12°23	n.a.	S 23
M24	11 27 15	23°33'15	3♐17	28°51	7°12	27°14	16° 1	2° 0	10°33	27°20	13°45	24°41	24°49	12°30	n.a.	M24
T 25	11 31 12	24°31'16	17° 3	0♓17	8°17	27°57	15°56	2° 6	10°R33	27°19	13°45	24°41	24°46	12°37	n.a.	T 25
W26	11 35 8	25°29'16	0♑26	1°45	9°22	28°40	15°51	2°13	10°33	27°18	13°45	24°41	24°42	12°44	n.a.	W26
T 27	11 39 5	26°27'14	13°27	3°15	10°26	29°23	15°47	2°20	10°33	27°17	13°46	24°40	24°39	12°50	n.a.	T 27
F 28	11 43 1	27°25'11	26° 9	4°47	11°30	0♈ 6	15°43	2°27	10°33	27°17	13°46	24°38	24°36	12°57	n.a.	F 28
S 29	11 46 58	28°23'06	8♒38	6°21	12°34	0°49	15°39	2°34	10°33	27°16	13°47	24°33	24°33	13° 4	n.a.	S 29
S 30	11 50 55	29°21'00	20°55	7°57	13°38	1°32	15°35	2°41	10°32	27°15	13°48	24°25	24°30	13°10	n.a.	S 30
M31	11 54 51	0♈18'52	3♓ 3	9♓35	14♉41	2♈15	15♌31	2♉48	10♐32	27♋15	13♊48	24♊15	24♊26	13♈17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s14	23s17	2s40	18s 7	0n25	5n31	1n 0	8s25	0s43	17n 9	1n42	9n43	1s56	22s28	0s 7	21n39	0n44	24n29	1n41	23n47	23n45	0s35		n.a.
S 2	10 53	20 59	3 32	18 17	0 11	6 2	1 4	8 7	0 42	17 12	1 42	9 45	1 56	22 28	0 7	21 39	0 44	24 29	1 41	23 47	23 45	0 33		n.a.
M 3	10 31	17 45	4 13	18 25	0s 2	6 32	1 8	7 49	0 42	17 14	1 42	9 47	1 56	22 28	0 7	21 40	0 44	24 29	1 41	23 47	23 45	0 30		n.a.
T 4	10 10	13 47	4 42	18 31	0 15	7 3	1 12	7 32	0 41	17 16	1 42	9 50	1 55	22 28	0 7	21 40	0 44	24 29	1 41	23 47	23 45	0 27		n.a.
W 5	9 48	9 19	4 58	18 36	0 28	7 34	1 15	7 14	0 40	17 18	1 42	9 52	1 55	22 28	0 7	21 40	0 44	24 29	1 41	23 47	23 45	0 24		n.a.
T 6	9 26	4 32	5 1	18 38	0 40	8 4	1 19	6 56	0 40	17 21	1 42	9 54	1 55	22 29	0 7	21 41	0 43	24 29	1 41	23 46	23 45	0 21		n.a.
F 7	9 4	0n23	4 50	18 39	0 51	8 34	1 23	6 39	0 39	17 23	1 42	9 56	1 55	22 29	0 7	21 41	0 43	24 29	1 41	23 46	23 45	0 18		n.a.
S 8	8 42	5 16	4 27	18 38	1 2	9 4	1 27	6 21	0 39	17 25	1 42	9 59	1 54	22 29	0 7	21 41	0 43	24 29	1 41	23 46	23 45	0 15		n.a.
S 9	8 20	9 59	3 53	18 36	1 12	9 33	1 31	6 3	0 38	17 27	1 42	10 1	1 54	22 29	0 7	21 41	0 43	24 29	1 41	23 45	23 45	0 13		n.a.
M10	7 57	14 21	3 8	18 31	1 21	10 3	1 34	5 45	0 38	17 29	1 41	10 3	1 54	22 29	0 7	21 41	0 43	24 29	1 41	23 45	23 45	0 10		n.a.
T 11	7 35	18 13	2 14	18 25	1 31	10 32	1 38	5 27	0 37	17 31	1 41	10 5	1 54	22 29	0 7	21 42	0 43	24 29	1 41	23 45	23 44	0 7		n.a.
W12	7 12	21 22	1 13	18 17	1 39	11 1	1 42	5 9	0 37	17 33	1 41	10 8	1 54	22 29	0 7	21 42	0 43	24 29	1 41	23 45	23 44	0 4		n.a.
T 13	6 50	23 35	0 7	18 7	1 47	11 30	1 46	4 52	0 36	17 35	1 41	10 10	1 53	22 30	0 7	21 42	0 43	24 29	1 41	23 45	23 44	0 1		n.a.
F 14	6 27	24 37	1n 1	17 56	1 54	11 58	1 49	4 34	0 36	17 36	1 41	10 12	1 53	22 30	0 7	21 42	0 43	24 29	1 41	23 45	23 44	0n 2		n.a.
S 15	6 4	24 17	2 8	17 43	2 1	12 26	1 53	4 16	0 35	17 38	1 41	10 15	1 53	22 30	0 7	21 42	0 43	24 29	1 41	23 45	23 44	0 5		n.a.
S 16	5 41	22 27	3 10	17 28	2 7	12 54	1 57	3 58	0 34	17 40	1 41	10 17	1 53	22 30	0 7	21 43	0 43	24 29	1 41	23 45	23 44	0 8		n.a.
M17	5 18	19 9	4 2	17 11	2 12	13 21	2 0	3 40	0 34	17 42	1 41	10 20	1 53	22 30	0 7	21 43	0 43	24 29	1 41	23 45	23 44	0 10		n.a.
T 18	4 55	14 33	4 40	16 53	2 17	13 49	2 4	3 22	0 33	17 43	1 41	10 22	1 52	22 30	0 7	21 43	0 43	24 29	1 41	23 44	23 44	0 13		n.a.
W19	4 32	8 58	4 59	16 33	2 21	14 15	2 7	3 4	0 33	17 45	1 40	10 25	1 52	22 30	0 7	21 43	0 43	24 29	1 42	23 44	23 44	0 16		n.a.
T 20	4 9	2 48	4 57	16 11	2 25	14 42	2 11	2 46	0 32	17 47	1 40	10 27	1 52	22 30	0 7	21 43	0 43	24 29	1 42	23 44	23 43	0 19		n.a.
F 21	3 46	3s31	4 34	15 48	2 28	15 8	2 14	2 28	0 32	17 48	1 40	10 30	1 52	22 30	0 7	21 44	0 43	24 29	1 42	23 43	23 43	0 22		n.a.
S 22	3 22	9 34	3 52	15 23	2 31	15 34	2 18	2 10	0 31	17 49	1 40	10 32	1 52	22 30	0 7	21 44	0 43	24 29	1 42	23 43	23 43	0 25		n.a.
S 23	2 59	14 57	2 56	14 56	2 33	15 59	2 21	1 52	0 30	17 51	1 40	10 35	1 51	22 30	0 7	21 44	0 43	24 29	1 42	23 43	23 43	0 28		n.a.
M24	2 36	19 20	1 50	14 28	2 34	16 24	2 24	1 34	0 30	17 52	1 40	10 37	1 51	22 30	0 7	21 44	0 43	24 30	1 42	23 43	23 43	0 31		n.a.
T 25	2 13	22 31	0 40	13 58	2 35	16 49	2 28	1 16	0 29	17 54	1 40	10 40	1 51	22 30	0 7	21 44	0 43	24 30	1 42	23 43	23 43	0 34		n.a.
W26	1 49	24 19	0s30	13 26	2 35	17 13	2 31	0 58	0 29	17 55	1 39	10 42	1 51	22 30	0 7	21 44	0 43	24 30	1 42	23 43	23 43	0 36		n.a.
T 27	1 26	24 45	1 37	12 53	2 35	17 37	2 34	0 41	0 28	17 56	1 39	10 45	1 51	22 30	0 7	21 44	0 43	24 30	1 42	23 43	23 43	0 39		n.a.
F 28	1 3	23 50	2 38	12 17	2 34	18 0	2 37	0 23	0 28	17 57	1 39	10 47	1 51	22 30	0 7	21 45	0 43	24 30	1 42	23 42	23 42	0 42		n.a.
S 29	0 39	21 45	3 30	11 41	2 33	18 23	2 40	0 5	0 27	17 58	1 39	10 50	1 50	22 30	0 7	21 45	0 43	24 30	1 42	23 42	23 42	0 45		n.a.
S 30	0 16	18 42	4 11	11 3	2 31	18 46	2 43	0n13	0 26	17 59	1 39	10 52	1 50	22 30	0 7	21 45	0 43	24 30	1 42	23 42	23 42	0 48		n.a.
M31	0n 8	14s53	4s40	10s23	2s28	19n 8	2n46	0n31	0s26	18n 0	1n38	10n55	1s50	22s30	0s 7	21n45	0n43	24n30	1n42	23n41	23n42	0n51		n.a.

Julian Day Number = 1344179.5, Delta T = 07h13m05s
Ecliptic obliquity = 23°49'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°20'02, Lahiri = -18°13'02 Julian Calendar 1 March 1033 BCE == Greg. Calendar 20 Feb. 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

APRIL 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 48	1♈16'43	15♓ 5	11♓15	15♉44	2♈58	15°R27	2♉55	10°R32	27°R14	13♊49	24°R 3	24♊23	13♈24	n.a.	T 1
W 2	12 2 44	2°14'32	27° 2	12°57	16°47	3°40	15♌24	3° 2	10♐32	27♋14	13°49	23♊49	24°20	13°31	n.a.	W 2
T 3	12 6 41	3°12'20	8♈56	14°40	17°50	4°23	15°20	3°10	10°31	27°13	13°50	23°35	24°17	13°37	n.a.	T 3
F 4	12 10 37	4°10'06	20°47	16°26	18°52	5° 5	15°17	3°17	10°31	27°13	13°51	23°22	24°14	13°44	n.a.	F 4
S 5	12 14 34	5° 7'51	2♉38	18°14	19°54	5°48	15°14	3°24	10°30	27°13	13°52	23°11	24°11	13°51	n.a.	S 5
S 6	12 18 30	6° 5'33	14°30	20° 4	20°55	6°31	15°11	3°32	10°30	27°12	13°52	23° 3	24° 7	13°57	n.a.	S 6
M 7	12 22 27	7° 3'15	26°26	21°55	21°56	7°13	15° 9	3°39	10°29	27°12	13°53	22°58	24° 4	14° 4	n.a.	M 7
T 8	12 26 23	8° 0'54	8♊30	23°49	22°57	7°55	15° 6	3°46	10°28	27°11	13°54	22°55	24° 1	14°11	n.a.	T 8
W 9	12 30 20	8°58'32	20°46	25°44	23°58	8°38	15° 4	3°54	10°28	27°11	13°55	22°D54	23°58	14°18	n.a.	W 9
T 10	12 34 17	9°56'08	3♋19	27°42	24°58	9°20	15° 2	4° 1	10°27	27°11	13°55	22°R54	23°55	14°24	n.a.	T 10
F 11	12 38 13	10°53'43	16°12	29°41	25°58	10° 2	15° 0	4° 9	10°26	27°11	13°56	22°54	23°52	14°31	n.a.	F 11
S 12	12 42 10	11°51'16	29°31	1♈42	26°57	10°44	14°58	4°16	10°25	27°10	13°57	22°53	23°48	14°38	n.a.	S 12
S 13	12 46 6	12°48'47	13♌18	3°45	27°57	11°27	14°57	4°24	10°24	27°10	13°58	22°50	23°45	14°44	n.a.	S 13
M14	12 50 3	13°46'17	27°35	5°49	28°55	12° 9	14°55	4°31	10°23	27°10	13°59	22°44	23°42	14°51	n.a.	M14
T 15	12 53 59	14°43'45	12♍18	7°55	29°53	12°51	14°54	4°39	10°22	27°10	14° 0	22°37	23°39	14°58	n.a.	T 15
W16	12 57 56	15°41'12	27°24	10° 2	0♊51	13°33	14°53	4°46	10°21	27°10	14° 1	22°27	23°36	15° 5	n.a.	W16
T 17	13 1 52	16°38'37	12♎41	12°11	1°49	14°15	14°52	4°54	10°20	27°10	14° 2	22°18	23°32	15°11	n.a.	T 17
F 18	13 5 49	17°36'02	28° 0	14°21	2°45	14°56	14°52	5° 2	10°19	27°D10	14° 3	22° 9	23°29	15°18	n.a.	F 18
S 19	13 9 46	18°33'25	13♏ 9	16°31	3°42	15°38	14°51	5° 9	10°18	27°10	14° 4	22° 2	23°26	15°25	n.a.	S 19
S 20	13 13 42	19°30'47	27°58	18°42	4°38	16°20	14°51	5°17	10°17	27°10	14° 5	21°58	23°23	15°31	n.a.	S 20
M21	13 17 39	20°28'08	12♐23	20°54	5°33	17° 2	14°D51	5°25	10°16	27°10	14° 6	21°56	23°20	15°38	n.a.	M21
T 22	13 21 35	21°25'29	26°19	23° 5	6°28	17°43	14°51	5°33	10°14	27°10	14° 7	21°D56	23°17	15°45	n.a.	T 22
W23	13 25 32	22°22'49	9♑47	25°17	7°22	18°25	14°51	5°40	10°13	27°10	14° 8	21°56	23°13	15°52	n.a.	W23
T 24	13 29 28	23°20'08	22°51	27°28	8°16	19° 7	14°51	5°48	10°12	27°11	14° 9	21°R57	23°10	15°58	n.a.	T 24
F 25	13 33 25	24°17'26	5♒33	29°38	9° 9	19°48	14°52	5°56	10°10	27°11	14°10	21°56	23° 7	16° 5	n.a.	F 25
S 26	13 37 22	25°14'44	17°58	1♉47	10° 2	20°30	14°53	6° 4	10° 9	27°11	14°11	21°54	23° 4	16°12	n.a.	S 26
S 27	13 41 18	26°12'01	0♓ 9	3°55	10°54	21°11	14°54	6°12	10° 7	27°11	14°12	21°49	23° 1	16°18	n.a.	S 27
M28	13 45 15	27° 9'17	12°11	6° 2	11°46	21°53	14°55	6°19	10° 6	27°12	14°14	21°42	22°57	16°25	n.a.	M28
T 29	13 49 11	28° 6'32	24° 7	8° 7	12°36	22°34	14°56	6°27	10° 4	27°12	14°15	21°33	22°54	16°32	n.a.	T 29
W30	13 53 8	29♈ 3'47	6♈ 0	10♉10	13♊26	23♈15	14♌58	6♉35	10♐ 3	27♋12	14♊16	21♊23	22♊51	16♈39	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n31	10s30	4s56	9s41	2s25	19n30	2n49	0n49	0s25	18n 1	1n38	10n58	1s50	22s30	0s 7	21n45	0n43	24n30	1n42	23n41	23n42	0n54		n.a.
W 2	0 54	5 45	4 59	8 58	2 21	19 51	2 51	1 6	0 25	18 2	1 38	11 0	1 50	22 30	0 7	21 45	0 43	24 30	1 42	23 40	23 42	0 57		n.a.
T 3	1 18	0 50	4 49	8 13	2 17	20 12	2 54	1 24	0 24	18 3	1 38	11 3	1 50	22 30	0 7	21 45	0 43	24 30	1 42	23 40	23 42	1 0		n.a.
F 4	1 41	4n 8	4 27	7 27	2 12	20 32	2 57	1 42	0 23	18 4	1 38	11 6	1 49	22 30	0 7	21 45	0 43	24 31	1 42	23 39	23 41	1 2		n.a.
S 5	2 4	8 56	3 53	6 40	2 6	20 52	2 59	1 59	0 23	18 4	1 37	11 8	1 49	22 30	0 7	21 45	0 43	24 31	1 42	23 38	23 41	1 5		n.a.
S 6	2 27	13 27	3 8	5 50	2 1	21 11	3 1	2 17	0 22	18 5	1 37	11 11	1 49	22 30	0 7	21 45	0 43	24 31	1 42	23 38	23 41	1 8		n.a.
M 7	2 51	17 28	2 15	5 0	1 54	21 30	3 4	2 35	0 22	18 6	1 37	11 14	1 49	22 30	0 8	21 45	0 43	24 31	1 42	23 38	23 41	1 11		n.a.
T 8	3 14	20 50	1 16	4 8	1 47	21 48	3 6	2 52	0 21	18 6	1 37	11 16	1 49	22 30	0 8	21 46	0 43	24 31	1 42	23 38	23 41	1 14		n.a.
W 9	3 37	23 18	0 11	3 14	1 40	22 5	3 8	3 10	0 21	18 7	1 37	11 19	1 49	22 30	0 8	21 46	0 43	24 31	1 42	23 38	23 41	1 17		n.a.
T 10	4 0	24 42	0n55	2 20	1 32	22 23	3 10	3 27	0 20	18 7	1 36	11 22	1 49	22 30	0 8	21 46	0 43	24 31	1 42	23 38	23 41	1 20		n.a.
F 11	4 23	24 49	2 0	1 24	1 23	22 39	3 12	3 44	0 19	18 7	1 36	11 24	1 48	22 29	0 8	21 46	0 43	24 31	1 42	23 38	23 40	1 23		n.a.
S 12	4 46	23 32	3 1	0 27	1 15	22 55	3 14	4 2	0 19	18 8	1 36	11 27	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 37	23 40	1 26		n.a.
S 13	5 8	20 49	3 54	0n31	1 5	23 11	3 15	4 19	0 18	18 8	1 36	11 30	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 37	23 40	1 29		n.a.
M14	5 31	16 47	4 34	1 30	0 56	23 26	3 17	4 36	0 18	18 8	1 36	11 32	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 37	23 40	1 31		n.a.
T 15	5 54	11 37	4 58	2 29	0 46	23 40	3 18	4 53	0 17	18 8	1 35	11 35	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 37	23 40	1 34		n.a.
W16	6 16	5 39	5 2	3 29	0 36	23 54	3 19	5 11	0 16	18 8	1 35	11 38	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 36	23 40	1 37		n.a.
T 17	6 39	0s44	4 44	4 30	0 26	24 7	3 20	5 28	0 16	18 8	1 35	11 40	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 35	23 39	1 40		n.a.
F 18	7 1	7 6	4 6	5 31	0 15	24 20	3 21	5 45	0 15	18 8	1 35	11 43	1 48	22 29	0 8	21 46	0 43	24 32	1 42	23 35	23 39	1 43		n.a.
S 19	7 23	13 0	3 11	6 31	0 5	24 32	3 22	6 2	0 15	18 8	1 34	11 46	1 47	22 28	0 8	21 46	0 43	24 33	1 42	23 35	23 39	1 46		n.a.
S 20	7 45	18 0	2 4	7 32	0n 6	24 44	3 23	6 18	0 14	18 8	1 34	11 48	1 47	22 28	0 8	21 46	0 43	24 33	1 42	23 34	23 39	1 49		n.a.
M21	8 7	21 48	0 51	8 32	0 17	24 54	3 24	6 35	0 13	18 8	1 34	11 51	1 47	22 28	0 8	21 46	0 43	24 33	1 42	23 34	23 39	1 52		n.a.
T 22	8 29	24 9	0s23	9 32	0 27	25 5	3 24	6 52	0 13	18 8	1 34	11 54	1 47	22 28	0 8	21 46	0 43	24 33	1 42	23 34	23 39	1 55		n.a.
W23	8 51	25 1	1 34	10 30	0 37	25 15	3 24	7 9	0 12	18 7	1 33	11 57	1 47	22 28	0 8	21 46	0 43	24 33	1 42	23 34	23 39	1 58		n.a.
T 24	9 12	24 26	2 37	11 28	0 47	25 24	3 24	7 25	0 12	18 7	1 33	11 59	1 47	22 28	0 8	21 45	0 43	24 33	1 42	23 34	23 38	2 1		n.a.
F 25	9 34	22 35	3 31	12 24	0 57	25 32	3 24	7 42	0 11	18 7	1 33	12 2	1 47	22 27	0 8	21 45	0 43	24 34	1 43	23 34	23 38	2 3		n.a.
S 26	9 55	19 42	4 14	13 19	1 6	25 40	3 24	7 58	0 10	18 6	1 33	12 5	1 47	22 27	0 8	21 45	0 43	24 34	1 43	23 34	23 38	2 6		n.a.
S 27	10 16	16 1	4 44	14 11	1 15	25 48	3 24	8 15	0 10	18 6	1 33	12 7	1 47	22 27	0 8	21 45	0 43	24 34	1 43	23 34	23 38	2 9		n.a.
M28	10 37	11 43	5 1	15 2	1 23	25 55	3 23	8 31	0 9	18 5	1 32	12 10	1 47	22 27	0 8	21 45	0 43	24 34	1 43	23 33	23 38	2 12		n.a.
T 29	10 58	7 1	5 5	15 51	1 30	26 1	3 23	8 47	0 9	18 4	1 32	12 13	1 46	22 26	0 8	21 45	0 43	24 34	1 43	23 33	23 38	2 15		n.a.
W30	11n19	2s 6	4s56	16n38	1n38	26n 6	3n22	9n 3	0s 8	18n 4	1n32	12n15	1s46	22s26	0s 8	21n45	0n43	24n34	1n43	23n32	23n37	2n18		n.a.

Julian Day Number = 1344210.5, Delta T = 07h13m03s
Ecliptic obliquity = 23°49'07, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'58, Lahiri = -18°12'58 Julian Calendar 1 Apr. 1033 BCE == Greg. Calendar 22 March 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

MAY 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 57 4	0♉ 1'01	17♈51	12♉11	14♊16	23♈57	15♌ 0	6♉43	10°R 1	27♋13	14♊17	21°R14	22♊48	16♈45	n.a.	T 1
F 2	14 1 1	0°58'15	29°42	14°10	15° 4	24°38	15° 1	6°51	9♐59	27°13	14°18	21♊ 4	22°45	16°52	n.a.	F 2
S 3	14 4 57	1°55'28	11♉36	16° 7	15°52	25°19	15° 3	6°59	9°58	27°14	14°20	20°57	22°42	16°59	n.a.	S 3
S 4	14 8 54	2°52'40	23°33	18° 2	16°39	26° 0	15° 6	7° 7	9°56	27°14	14°21	20°51	22°38	17° 5	n.a.	S 4
M 5	14 12 51	3°49'51	5♊37	19°55	17°26	26°41	15° 8	7°14	9°54	27°15	14°22	20°48	22°35	17°12	n.a.	M 5
T 6	14 16 47	4°47'02	17°48	21°45	18°11	27°22	15°11	7°22	9°52	27°15	14°24	20°D47	22°32	17°19	n.a.	T 6
W 7	14 20 44	5°44'12	0♋11	23°32	18°55	28° 3	15°13	7°30	9°50	27°16	14°25	20°47	22°29	17°26	n.a.	W 7
T 8	14 24 40	6°41'21	12°48	25°18	19°39	28°44	15°16	7°38	9°49	27°17	14°26	20°48	22°26	17°32	n.a.	T 8
F 9	14 28 37	7°38'29	25°43	27° 1	20°22	29°25	15°19	7°46	9°47	27°17	14°28	20°50	22°23	17°39	n.a.	F 9
S 10	14 32 33	8°35'37	9♌ 0	28°41	21° 3	0♉ 6	15°23	7°54	9°45	27°18	14°29	20°R50	22°19	17°46	n.a.	S 10
S 11	14 36 30	9°32'44	22°41	0♊19	21°44	0°47	15°26	8° 2	9°43	27°19	14°30	20°49	22°16	17°52	n.a.	S 11
M12	14 40 26	10°29'50	6♍47	1°54	22°23	1°28	15°29	8°10	9°41	27°20	14°32	20°47	22°13	17°59	n.a.	M12
T 13	14 44 23	11°26'55	21°18	3°27	23° 2	2° 8	15°33	8°18	9°39	27°20	14°33	20°43	22°10	18° 6	n.a.	T 13
W14	14 48 20	12°24'00	6♎ 9	4°58	23°39	2°49	15°37	8°26	9°37	27°21	14°35	20°38	22° 7	18°13	n.a.	W14
T 15	14 52 16	13°21'04	21°14	6°25	24°15	3°30	15°41	8°33	9°35	27°22	14°36	20°33	22° 3	18°19	n.a.	T 15
F 16	14 56 13	14°18'08	6♏24	7°51	24°50	4°10	15°45	8°41	9°33	27°23	14°37	20°28	22° 0	18°26	n.a.	F 16
S 17	15 0 9	15°15'11	21°28	9°13	25°23	4°51	15°50	8°49	9°30	27°24	14°39	20°24	21°57	18°33	n.a.	S 17
S 18	15 4 6	16°12'15	6♐18	10°33	25°55	5°31	15°54	8°57	9°28	27°25	14°40	20°22	21°54	18°39	n.a.	S 18
M19	15 8 2	17° 9'18	20°46	11°51	26°26	6°12	15°59	9° 5	9°26	27°26	14°42	20°D21	21°51	18°46	n.a.	M19
T 20	15 11 59	18° 6'22	4♑49	13° 5	26°55	6°52	16° 4	9°13	9°24	27°27	14°43	20°22	21°48	18°53	n.a.	T 20
W21	15 15 55	19° 3'25	18°24	14°17	27°23	7°32	16° 9	9°21	9°22	27°28	14°45	20°23	21°44	19° 0	n.a.	W21
T 22	15 19 52	20° 0'29	1♒34	15°26	27°49	8°13	16°14	9°28	9°20	27°29	14°46	20°25	21°41	19° 6	n.a.	T 22
F 23	15 23 49	20°57'33	14°20	16°32	28°14	8°53	16°19	9°36	9°17	27°30	14°48	20°26	21°38	19°13	n.a.	F 23
S 24	15 27 45	21°54'37	26°47	17°35	28°37	9°33	16°25	9°44	9°15	27°31	14°49	20°R26	21°35	19°20	n.a.	S 24
S 25	15 31 42	22°51'42	8♓58	18°35	28°58	10°14	16°30	9°52	9°13	27°32	14°51	20°25	21°32	19°26	n.a.	S 25
M26	15 35 38	23°48'46	20°59	19°32	29°17	10°54	16°36	10° 0	9°10	27°33	14°52	20°22	21°29	19°33	n.a.	M26
T 27	15 39 35	24°45'51	2♈53	20°25	29°35	11°34	16°42	10° 7	9° 8	27°35	14°54	20°19	21°25	19°40	n.a.	T 27
W28	15 43 31	25°42'57	14°44	21°15	29°51	12°14	16°48	10°15	9° 6	27°36	14°56	20°15	21°22	19°46	n.a.	W28
T 29	15 47 28	26°40'02	26°35	22° 2	0♋ 4	12°54	16°54	10°23	9° 4	27°37	14°57	20°11	21°19	19°53	n.a.	T 29
F 30	15 51 25	27°37'08	8♉29	22°45	0°16	13°34	17° 0	10°31	9° 1	27°38	14°59	20° 7	21°16	20° 0	n.a.	F 30
S 31	15 55 21	28♉34'15	20♉29	23♊24	0♋26	14♉14	17♌ 7	10♉38	8♐59	27♋40	15♊ 0	20♊ 5	21♊13	20♈ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n39	2n54	4s33	17n23	1n44	26n11	3n21	9n19	0s 7	18n 3	1n32	12n18	1s46	22s26	0s 8	21n45	0n43	24n35	1n43	23n31	23n37	2n21			n.a.
F 2	12 0	7 49	3 59	18 5	1 50	26 16	3 19	9 35	0 7	18 2	1 31	12 21	1 46	22 26	0 8	21 45	0 43	24 35	1 43	23 31	23 37	2 24			n.a.
S 3	12 20	12 28	3 15	18 45	1 55	26 20	3 18	9 51	0 6	18 1	1 31	12 23	1 46	22 26	0 8	21 45	0 43	24 35	1 43	23 30	23 37	2 27			n.a.
S 4	12 40	16 41	2 21	19 23	1 59	26 23	3 16	10 7	0 6	18 1	1 31	12 26	1 46	22 25	0 8	21 45	0 43	24 35	1 43	23 30	23 37	2 30			n.a.
M 5	13 0	20 15	1 21	19 58	2 3	26 26	3 14	10 22	0 5	18 0	1 31	12 29	1 46	22 25	0 8	21 45	0 43	24 35	1 43	23 30	23 36	2 33			n.a.
T 6	13 19	22 59	0 16	20 31	2 6	26 28	3 12	10 38	0 4	17 59	1 30	12 31	1 46	22 25	0 8	21 44	0 43	24 36	1 43	23 30	23 36	2 36			n.a.
W 7	13 39	24 40	0n51	21 1	2 8	26 30	3 10	10 53	0 4	17 58	1 30	12 34	1 46	22 25	0 8	21 44	0 43	24 36	1 43	23 30	23 36	2 39			n.a.
T 8	13 58	25 7	1 56	21 29	2 10	26 31	3 7	11 9	0 3	17 56	1 30	12 37	1 46	22 24	0 8	21 44	0 43	24 36	1 43	23 30	23 36	2 41			n.a.
F 9	14 17	24 15	2 58	21 55	2 11	26 31	3 4	11 24	0 2	17 55	1 30	12 39	1 46	22 24	0 8	21 44	0 43	24 36	1 43	23 30	23 36	2 44			n.a.
S 10	14 35	22 0	3 52	22 18	2 11	26 31	3 1	11 39	0 2	17 54	1 29	12 42	1 46	22 24	0 8	21 44	0 43	24 36	1 43	23 30	23 36	2 47			n.a.
S 11	14 54	18 28	4 34	22 40	2 10	26 31	2 58	11 54	0 1	17 53	1 29	12 45	1 46	22 23	0 8	21 44	0 43	24 37	1 43	23 30	23 35	2 50			n.a.
M12	15 12	13 48	5 1	22 59	2 9	26 29	2 54	12 9	0 1	17 52	1 29	12 47	1 46	22 23	0 8	21 44	0 43	24 37	1 43	23 30	23 35	2 53			n.a.
T 13	15 30	8 14	5 10	23 15	2 7	26 28	2 50	12 24	0 0	17 50	1 29	12 50	1 45	22 23	0 8	21 43	0 43	24 37	1 43	23 29	23 35	2 56			n.a.
W14	15 48	2 5	4 59	23 30	2 5	26 26	2 46	12 39	0n 1	17 49	1 28	12 53	1 45	22 23	0 8	21 43	0 43	24 37	1 43	23 29	23 35	2 59			n.a.
T 15	16 6	4s17	4 27	23 43	2 1	26 23	2 42	12 54	0 1	17 47	1 28	12 55	1 45	22 22	0 8	21 43	0 43	24 37	1 43	23 29	23 35	3 2			n.a.
F 16	16 23	10 28	3 36	23 54	1 57	26 20	2 37	13 8	0 2	17 46	1 28	12 58	1 45	22 22	0 8	21 43	0 43	24 38	1 43	23 28	23 34	3 5			n.a.
S 17	16 40	15 59	2 31	24 2	1 53	26 16	2 32	13 23	0 2	17 44	1 28	13 0	1 45	22 22	0 8	21 43	0 43	24 38	1 43	23 28	23 34	3 8			n.a.
S 18	16 57	20 27	1 16	24 9	1 48	26 12	2 27	13 37	0 3	17 43	1 28	13 3	1 45	22 21	0 8	21 42	0 43	24 38	1 43	23 28	23 34	3 11			n.a.
M19	17 13	23 32	0s 2	24 15	1 42	26 7	2 21	13 51	0 4	17 41	1 27	13 5	1 45	22 21	0 8	21 42	0 43	24 38	1 43	23 28	23 34	3 14			n.a.
T 20	17 30	25 2	1 18	24 18	1 35	26 2	2 15	14 5	0 4	17 39	1 27	13 8	1 45	22 21	0 8	21 42	0 43	24 38	1 44	23 28	23 34	3 17			n.a.
W21	17 46	24 58	2 27	24 20	1 28	25 56	2 9	14 19	0 5	17 38	1 27	13 11	1 45	22 20	0 8	21 42	0 43	24 39	1 44	23 28	23 33	3 20			n.a.
T 22	18 1	23 29	3 26	24 20	1 20	25 50	2 2	14 33	0 5	17 36	1 27	13 13	1 45	22 20	0 8	21 42	0 43	24 39	1 44	23 28	23 33	3 22			n.a.
F 23	18 17	20 49	4 13	24 19	1 12	25 44	1 55	14 47	0 6	17 34	1 26	13 16	1 45	22 20	0 8	21 41	0 43	24 39	1 44	23 28	23 33	3 25			n.a.
S 24	18 32	17 16	4 47	24 16	1 3	25 37	1 48	15 0	0 7	17 32	1 26	13 18	1 45	22 19	0 8	21 41	0 43	24 39	1 44	23 28	23 33	3 28			n.a.
S 25	18 47	13 4	5 7	24 12	0 53	25 29	1 40	15 14	0 7	17 30	1 26	13 21	1 45	22 19	0 8	21 41	0 43	24 40	1 44	23 28	23 33	3 31			n.a.
M26	19 1	8 25	5 13	24 7	0 43	25 21	1 32	15 27	0 8	17 28	1 26	13 23	1 45	22 19	0 8	21 41	0 43	24 40	1 44	23 28	23 32	3 34			n.a.
T 27	19 16	3 30	5 6	24 0	0 33	25 13	1 24	15 40	0 8	17 26	1 26	13 26	1 45	22 18	0 8	21 40	0 43	24 40	1 44	23 28	23 32	3 37			n.a.
W28	19 30	1n31	4 45	23 53	0 21	25 5	1 15	15 54	0 9	17 24	1 25	13 28	1 45	22 18	0 8	21 40	0 43	24 40	1 44	23 27	23 32	3 40			n.a.
T 29	19 43	6 30	4 13	23 44	0 10	24 56	1 6	16 6	0 10	17 22	1 25	13 31	1 45	22 18	0 8	21 40	0 43	24 40	1 44	23 27	23 32	3 43			n.a.
F 30	19 56	11 16	3 29	23 34	0s 3	24 46	0 57	16 19	0 10	17 20	1 25	13 33	1 45	22 17	0 8	21 40	0 43	24 41	1 44	23 27	23 32	3 46			n.a.
S 31	20n 9	15n39	2s36	23n24	0s15	24n36	0n47	16n32	0n11	17n18	1n25	13n35	1s45	22s17	0s 8	21n39	0n43	24n41	1n44	23n26	23n31	3n49			n.a.

Julian Day Number = 1344240.5, Delta T = 07h13m02s
Ecliptic obliquity = 23°49'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'54, Lahiri = -18°12'53 Julian Calendar 1 May 1033 BCE == Greg. Calendar 21 Apr. 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

JUNE 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 59 18	29♉31'21	2♊35	24♊ 0	0♋33	14♉54	17♌13	10♉46	8°R56	27♋41	15♊ 2	20°R 3	21♊ 9	20♈13	n.a.	S 1
M 2	16 3 14	0♊28'28	14°50	24°31	0°39	15°34	17°20	10°53	8♐54	27°42	15° 3	20°D 2	21° 6	20°20	n.a.	M 2
T 3	16 7 11	1°25'36	27°16	24°58	0°42	16°14	17°27	11° 1	8°52	27°44	15° 5	20♊ 2	21° 3	20°27	n.a.	T 3
W 4	16 11 7	2°22'43	9♋53	25°21	0°R43	16°53	17°34	11° 9	8°49	27°45	15° 7	20° 3	21° 0	20°33	n.a.	W 4
T 5	16 15 4	3°19'51	22°44	25°39	0°41	17°33	17°41	11°16	8°47	27°47	15° 8	20° 4	20°57	20°40	n.a.	T 5
F 6	16 19 0	4°16'59	5♌50	25°53	0°38	18°13	17°48	11°24	8°45	27°48	15°10	20° 5	20°54	20°47	n.a.	F 6
S 7	16 22 57	5°14'07	19°13	26° 2	0°31	18°53	17°56	11°31	8°42	27°50	15°11	20° 6	20°50	20°54	n.a.	S 7
S 8	16 26 54	6°11'16	2♍54	26°R 6	0°23	19°32	18° 3	11°39	8°40	27°51	15°13	20°R 6	20°47	21° 0	n.a.	S 8
M 9	16 30 50	7° 8'24	16°54	26° 5	0°12	20°12	18°11	11°46	8°37	27°53	15°15	20° 6	20°44	21° 7	n.a.	M 9
T 10	16 34 47	8° 5'33	1♎11	26° 0	29♊59	20°51	18°18	11°53	8°35	27°54	15°16	20° 6	20°41	21°14	n.a.	T 10
W11	16 38 43	9° 2'42	15°43	25°50	29°43	21°31	18°26	12° 1	8°32	27°56	15°18	20° 5	20°38	21°20	n.a.	W11
T 12	16 42 40	9°59'51	0♏26	25°35	29°25	22°10	18°34	12° 8	8°30	27°57	15°20	20° 3	20°35	21°27	n.a.	T 12
F 13	16 46 36	10°57'01	15°14	25°15	29° 5	22°50	18°42	12°15	8°28	27°59	15°21	20° 2	20°31	21°34	n.a.	F 13
S 14	16 50 33	11°54'12	29°59	24°51	28°42	23°29	18°51	12°23	8°25	28° 1	15°23	20° 2	20°28	21°40	n.a.	S 14
S 15	16 54 30	12°51'23	14♐35	24°22	28°18	24° 9	18°59	12°30	8°23	28° 2	15°25	20°D 1	20°25	21°47	n.a.	S 15
M16	16 58 26	13°48'36	28°56	23°50	27°51	24°48	19° 7	12°37	8°20	28° 4	15°26	20° 1	20°22	21°54	n.a.	M16
T 17	17 2 23	14°45'49	12♑55	23°14	27°22	25°27	19°16	12°44	8°18	28° 6	15°28	20° 2	20°19	22° 1	n.a.	T 17
W18	17 6 19	15°43'03	26°31	22°35	26°52	26° 6	19°25	12°51	8°16	28° 7	15°29	20° 2	20°15	22° 7	n.a.	W18
T 19	17 10 16	16°40'18	9♒44	21°54	26°20	26°46	19°33	12°58	8°13	28° 9	15°31	20° 2	20°12	22°14	n.a.	T 19
F 20	17 14 12	17°37'34	22°34	21°12	25°47	27°25	19°42	13° 5	8°11	28°11	15°33	20° 3	20° 9	22°21	n.a.	F 20
S 21	17 18 9	18°34'51	5♓ 4	20°28	25°13	28° 4	19°51	13°12	8° 8	28°13	15°34	20° 3	20° 6	22°27	n.a.	S 21
S 22	17 22 5	19°32'09	17°17	19°44	24°37	28°43	20° 0	13°19	8° 6	28°15	15°36	20° 3	20° 3	22°34	n.a.	S 22
M23	17 26 2	20°29'29	29°19	19° 1	24° 1	29°22	20°10	13°26	8° 4	28°16	15°38	20° 3	20° 0	22°41	n.a.	M23
T 24	17 29 59	21°26'50	11♈13	18°19	23°25	0♊ 1	20°19	13°33	8° 1	28°18	15°39	20° 3	19°56	22°48	n.a.	T 24
W25	17 33 55	22°24'12	23° 5	17°39	22°48	0°40	20°28	13°40	7°59	28°20	15°41	20° 3	19°53	22°54	n.a.	W25
T 26	17 37 52	23°21'36	4♉58	17° 2	22°11	1°19	20°38	13°47	7°57	28°22	15°43	20° 3	19°50	23° 1	n.a.	T 26
F 27	17 41 48	24°19'00	16°55	16°28	21°34	1°58	20°47	13°53	7°55	28°24	15°44	20° 4	19°47	23° 8	n.a.	F 27
S 28	17 45 45	25°16'27	29° 1	16° 0	20°57	2°37	20°57	14° 0	7°52	28°26	15°46	20° 4	19°44	23°14	n.a.	S 28
S 29	17 49 41	26°13'54	11♊18	15°35	20°21	3°16	21° 7	14° 6	7°50	28°28	15°47	20° 5	19°40	23°21	n.a.	S 29
M30	17 53 38	27♊11'23	23♊48	15♊17	19♊46	3♊55	21♌17	14♉13	7♐48	28♋30	15♊49	20°R 5	19♊37	23♈28	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n22	19n28	1s35	23n12	0s28	24n26	0n37	16n45	0n11	17n15	1n24	13n38	1s45	22s17	0s 8	21n39	0n43	24n41	1n44	23n26	23n31	3n52		n.a.
M 2	20 34	22 28	0 29	23 0	0 42	24 15	0 26	16 57	0 12	17 13	1 24	13 40	1 45	22 16	0 8	21 39	0 43	24 41	1 44	23 26	23 31	3 55		n.a.
T 3	20 46	24 27	0n40	22 48	0 56	24 4	0 15	17 9	0 13	17 11	1 24	13 43	1 45	22 16	0 8	21 38	0 43	24 42	1 44	23 26	23 31	3 58		n.a.
W 4	20 58	25 14	1 47	22 34	1 10	23 53	0 4	17 21	0 13	17 8	1 24	13 45	1 45	22 15	0 8	21 38	0 43	24 42	1 44	23 26	23 30	4 1		n.a.
T 5	21 9	24 41	2 51	22 20	1 24	23 42	0s 7	17 33	0 14	17 6	1 24	13 47	1 45	22 15	0 8	21 38	0 43	24 42	1 44	23 26	23 30	4 4		n.a.
F 6	21 20	22 46	3 47	22 6	1 39	23 30	0 19	17 45	0 14	17 4	1 23	13 50	1 45	22 15	0 8	21 38	0 43	24 42	1 44	23 26	23 30	4 6		n.a.
S 7	21 31	19 35	4 32	21 52	1 54	23 17	0 32	17 57	0 15	17 1	1 23	13 52	1 45	22 14	0 8	21 37	0 43	24 43	1 44	23 27	23 30	4 9		n.a.
S 8	21 41	15 17	5 2	21 37	2 9	23 5	0 44	18 9	0 16	16 59	1 23	13 54	1 45	22 14	0 8	21 37	0 43	24 43	1 44	23 27	23 30	4 12		n.a.
M 9	21 51	10 5	5 16	21 22	2 24	22 52	0 57	18 20	0 16	16 56	1 23	13 57	1 45	22 14	0 8	21 37	0 43	24 43	1 45	23 27	23 29	4 15		n.a.
T 10	22 0	4 15	5 10	21 7	2 38	22 38	1 11	18 31	0 17	16 53	1 23	13 59	1 45	22 13	0 8	21 36	0 43	24 43	1 45	23 27	23 29	4 18		n.a.
W11	22 9	1s54	4 45	20 52	2 53	22 25	1 24	18 42	0 17	16 51	1 23	14 1	1 45	22 13	0 8	21 36	0 43	24 44	1 45	23 26	23 29	4 21		n.a.
T 12	22 18	8 3	4 1	20 38	3 7	22 11	1 38	18 53	0 18	16 48	1 22	14 3	1 45	22 12	0 8	21 36	0 43	24 44	1 45	23 26	23 29	4 24		n.a.
F 13	22 26	13 47	3 1	20 24	3 20	21 57	1 52	19 4	0 19	16 45	1 22	14 6	1 45	22 12	0 8	21 35	0 43	24 44	1 45	23 26	23 28	4 27		n.a.
S 14	22 34	18 42	1 49	20 10	3 33	21 43	2 6	19 15	0 19	16 43	1 22	14 8	1 45	22 12	0 8	21 35	0 43	24 44	1 45	23 26	23 28	4 30		n.a.
S 15	22 42	22 25	0 30	19 56	3 46	21 28	2 20	19 26	0 20	16 40	1 22	14 10	1 45	22 11	0 8	21 35	0 43	24 45	1 45	23 26	23 28	4 33		n.a.
M16	22 49	24 38	0s49	19 44	3 57	21 14	2 34	19 36	0 20	16 37	1 22	14 12	1 45	22 11	0 8	21 34	0 43	24 45	1 45	23 26	23 28	4 36		n.a.
T 17	22 56	25 14	2 4	19 32	4 7	20 59	2 49	19 46	0 21	16 34	1 21	14 14	1 45	22 11	0 8	21 34	0 43	24 45	1 45	23 26	23 27	4 39		n.a.
W18	23 2	24 16	3 9	19 21	4 16	20 44	3 3	19 56	0 22	16 31	1 21	14 16	1 45	22 10	0 8	21 34	0 43	24 45	1 45	23 26	23 27	4 42		n.a.
T 19	23 8	21 58	4 2	19 11	4 23	20 29	3 17	20 6	0 22	16 28	1 21	14 19	1 45	22 10	0 8	21 33	0 43	24 46	1 45	23 26	23 27	4 45		n.a.
F 20	23 14	18 38	4 41	19 2	4 30	20 14	3 31	20 16	0 23	16 25	1 21	14 21	1 45	22 9	0 8	21 33	0 43	24 46	1 45	23 26	23 27	4 48		n.a.
S 21	23 19	14 32	5 6	18 55	4 34	19 59	3 44	20 25	0 23	16 22	1 21	14 23	1 45	22 9	0 8	21 32	0 43	24 46	1 45	23 26	23 27	4 51		n.a.
S 22	23 24	9 57	5 17	18 49	4 37	19 45	3 58	20 35	0 24	16 19	1 21	14 25	1 45	22 9	0 8	21 32	0 43	24 46	1 45	23 26	23 26	4 54		n.a.
M23	23 28	5 3	5 13	18 44	4 38	19 30	4 11	20 44	0 25	16 16	1 20	14 27	1 45	22 8	0 8	21 32	0 43	24 47	1 45	23 26	23 26	4 56		n.a.
T 24	23 32	0 1	4 56	18 42	4 37	19 16	4 24	20 53	0 25	16 13	1 20	14 29	1 45	22 8	0 8	21 31	0 43	24 47	1 46	23 26	23 26	4 59		n.a.
W25	23 36	5n 0	4 26	18 40	4 35	19 2	4 36	21 2	0 26	16 9	1 20	14 31	1 45	22 8	0 8	21 31	0 43	24 47	1 46	23 26	23 26	5 2		n.a.
T 26	23 39	9 51	3 45	18 41	4 31	18 48	4 48	21 11	0 26	16 6	1 20	14 33	1 45	22 7	0 8	21 31	0 43	24 47	1 46	23 26	23 25	5 5		n.a.
F 27	23 42	14 23	2 54	18 44	4 25	18 34	4 59	21 19	0 27	16 3	1 20	14 35	1 46	22 7	0 8	21 30	0 43	24 48	1 46	23 26	23 25	5 8		n.a.
S 28	23 44	18 24	1 54	18 48	4 18	18 21	5 10	21 28	0 28	16 0	1 20	14 37	1 46	22 6	0 8	21 30	0 43	24 48	1 46	23 26	23 25	5 11		n.a.
S 29	23 46	21 42	0 48	18 54	4 9	18 9	5 20	21 36	0 28	15 56	1 19	14 39	1 46	22 6	0 9	21 29	0 43	24 48	1 46	23 26	23 25	5 14		n.a.
M30	23n47	24n 1	0n21	19n 2	3s59	17n57	5s29	21n44	0n29	15n53	1n19	14n41	1s46	22s 6	0s 9	21n29	0n43	24n48	1n46	23n26	23n24	5n17		n.a.

Julian Day Number = 1344271.5, Delta T = 07h13m00s
Ecliptic obliquity = 23°49'07, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'50, Lahiri = -18°12'49 Julian Calendar 1 June 1033 BCE == Greg. Calendar 22 May 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

JULY 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 34	28♊ 8'53	6♋32	15°R 4	19°R12	4♊33	21♌27	14♉19	7°R46	28♋32	15♊51	20°R 4	19♊34	23♈34	n.a.	T 1
W 2	18 1 31	29° 6'25	19°30	14°D57	18♊39	5°12	21°37	14°26	7♐43	28°34	15°52	20♊ 4	19°31	23°41	n.a.	W 2
T 3	18 5 28	0♋ 3'57	2♌43	14♊58	18° 8	5°51	21°47	14°32	7°41	28°36	15°54	20° 3	19°28	23°48	n.a.	T 3
F 4	18 9 24	1° 1'31	16° 9	15° 4	17°38	6°30	21°57	14°39	7°39	28°38	15°55	20° 1	19°25	23°55	n.a.	F 4
S 5	18 13 21	1°59'06	29°48	15°18	17°10	7° 8	22° 8	14°45	7°37	28°40	15°57	20° 0	19°21	24° 1	n.a.	S 5
S 6	18 17 17	2°56'41	13♍39	15°39	16°44	7°47	22°18	14°51	7°35	28°42	15°59	19°59	19°18	24° 8	n.a.	S 6
M 7	18 21 14	3°54'18	27°40	16° 6	16°20	8°25	22°29	14°57	7°33	28°44	16° 0	19°D58	19°15	24°15	n.a.	M 7
T 8	18 25 10	4°51'56	11♎51	16°41	15°58	9° 4	22°39	15° 3	7°31	28°46	16° 2	19°58	19°12	24°21	n.a.	T 8
W 9	18 29 7	5°49'35	26° 7	17°23	15°38	9°42	22°50	15° 9	7°29	28°48	16° 3	19°59	19° 9	24°28	n.a.	W 9
T 10	18 33 4	6°47'16	10♏28	18°11	15°21	10°21	23° 1	15°15	7°27	28°50	16° 5	20° 0	19° 6	24°35	n.a.	T 10
F 11	18 37 0	7°44'57	24°50	19° 7	15° 5	10°59	23°11	15°21	7°25	28°52	16° 7	20° 1	19° 2	24°41	n.a.	F 11
S 12	18 40 57	8°42'40	9♐ 9	20° 8	14°53	11°38	23°22	15°27	7°23	28°54	16° 8	20° 2	18°59	24°48	n.a.	S 12
S 13	18 44 53	9°40'25	23°21	21°16	14°42	12°16	23°33	15°32	7°21	28°56	16°10	20°R 2	18°56	24°55	n.a.	S 13
M14	18 48 50	10°38'11	7♑21	22°30	14°34	12°54	23°44	15°38	7°19	28°59	16°11	20° 1	18°53	25° 2	n.a.	M14
T 15	18 52 46	11°35'58	21° 7	23°50	14°28	13°33	23°55	15°44	7°17	29° 1	16°13	20° 0	18°50	25° 8	n.a.	T 15
W16	18 56 43	12°33'48	4♒34	25°15	14°25	14°11	24° 7	15°49	7°15	29° 3	16°14	19°57	18°46	25°15	n.a.	W16
T 17	19 0 39	13°31'39	17°43	26°45	14°D24	14°49	24°18	15°55	7°13	29° 5	16°16	19°53	18°43	25°22	n.a.	T 17
F 18	19 4 36	14°29'31	0♓31	28°20	14°25	15°27	24°29	16° 0	7°12	29° 7	16°17	19°50	18°40	25°28	n.a.	F 18
S 19	19 8 33	15°27'26	13° 2	29°59	14°29	16° 6	24°41	16° 5	7°10	29° 9	16°19	19°46	18°37	25°35	n.a.	S 19
S 20	19 12 29	16°25'22	25°16	1♋42	14°35	16°44	24°52	16°11	7° 8	29°12	16°20	19°44	18°34	25°42	n.a.	S 20
M21	19 16 26	17°23'21	7♈18	3°27	14°43	17°22	25° 4	16°16	7° 6	29°14	16°22	19°42	18°31	25°48	n.a.	M21
T 22	19 20 22	18°21'21	19°13	5°16	14°54	18° 0	25°15	16°21	7° 5	29°16	16°23	19°D41	18°27	25°55	n.a.	T 22
W23	19 24 19	19°19'24	1♉ 4	7° 7	15° 6	18°38	25°27	16°26	7° 3	29°18	16°24	19°42	18°24	26° 2	n.a.	W23
T 24	19 28 15	20°17'28	12°58	9° 0	15°21	19°16	25°38	16°31	7° 2	29°20	16°26	19°43	18°21	26° 8	n.a.	T 24
F 25	19 32 12	21°15'35	24°57	10°54	15°37	19°54	25°50	16°36	7° 0	29°23	16°27	19°45	18°18	26°15	n.a.	F 25
S 26	19 36 8	22°13'44	7♊ 8	12°50	15°56	20°32	26° 2	16°40	6°59	29°25	16°29	19°47	18°15	26°22	n.a.	S 26
S 27	19 40 5	23°11'55	19°33	14°46	16°16	21°10	26°14	16°45	6°57	29°27	16°30	19°R47	18°12	26°29	n.a.	S 27
M28	19 44 2	24°10'08	2♋16	16°43	16°38	21°48	26°26	16°50	6°56	29°29	16°31	19°47	18° 8	26°35	n.a.	M28
T 29	19 47 58	25° 8'23	15°18	18°40	17° 2	22°25	26°38	16°54	6°55	29°31	16°33	19°44	18° 5	26°42	n.a.	T 29
W30	19 51 55	26° 6'40	28°39	20°37	17°27	23° 3	26°50	16°59	6°53	29°34	16°34	19°40	18° 2	26°49	n.a.	W30
T 31	19 55 51	27♋ 4'59	12♌17	22♋33	17♊54	23♊41	27♌ 2	17♉ 3	6♐52	29♋36	16♊35	19♊35	17♊59	26♈55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	25n 9	1n30	19n12	3s48	17n45	5s38	21n52	0n29	15n49	1n19	14n43	1s46	22s 5	0s 9	21n28	0n43	24n49	1n46	23n26	23n24	5n20			n.a.
W 2	23 49	24 57	2 36	19 23	3 35	17 35	5 46	22 0	0 30	15 46	1 19	14 44	1 46	22 5	0 9	21 28	0 43	24 49	1 46	23 26	23 24	5 23			n.a.
T 3	23 49	23 21	3 35	19 37	3 22	17 25	5 54	22 7	0 31	15 43	1 19	14 46	1 46	22 5	0 9	21 28	0 43	24 49	1 46	23 26	23 24	5 26			n.a.
F 4	23 49	20 25	4 23	19 51	3 8	17 15	6 0	22 15	0 31	15 39	1 19	14 48	1 46	22 4	0 9	21 27	0 43	24 49	1 46	23 26	23 23	5 29			n.a.
S 5	23 48	16 20	4 57	20 7	2 53	17 7	6 6	22 22	0 32	15 35	1 19	14 50	1 46	22 4	0 9	21 27	0 43	24 50	1 46	23 26	23 23	5 32			n.a.
S 6	23 47	11 21	5 14	20 25	2 38	16 59	6 12	22 29	0 32	15 32	1 18	14 52	1 46	22 4	0 9	21 26	0 43	24 50	1 46	23 26	23 23	5 35			n.a.
M 7	23 46	5 43	5 13	20 43	2 23	16 52	6 16	22 36	0 33	15 28	1 18	14 53	1 46	22 3	0 9	21 26	0 43	24 50	1 47	23 26	23 23	5 38			n.a.
T 8	23 44	0s16	4 53	21 2	2 7	16 46	6 20	22 43	0 34	15 25	1 18	14 55	1 46	22 3	0 9	21 26	0 43	24 50	1 47	23 26	23 22	5 41			n.a.
W 9	23 41	6 17	4 15	21 22	1 51	16 41	6 23	22 49	0 34	15 21	1 18	14 57	1 46	22 3	0 9	21 25	0 43	24 51	1 47	23 26	23 22	5 44			n.a.
T 10	23 38	12 1	3 21	21 42	1 35	16 36	6 26	22 56	0 35	15 17	1 18	14 58	1 46	22 2	0 9	21 25	0 43	24 51	1 47	23 26	23 22	5 47			n.a.
F 11	23 35	17 6	2 15	22 3	1 19	16 32	6 28	23 2	0 35	15 14	1 18	15 0	1 46	22 2	0 9	21 24	0 43	24 51	1 47	23 26	23 21	5 49			n.a.
S 12	23 32	21 11	1 0	22 23	1 4	16 30	6 30	23 8	0 36	15 10	1 18	15 2	1 47	22 2	0 9	21 24	0 43	24 51	1 47	23 26	23 21	5 52			n.a.
S 13	23 28	23 57	0s18	22 43	0 48	16 27	6 31	23 14	0 37	15 6	1 18	15 3	1 47	22 1	0 9	21 23	0 43	24 52	1 47	23 26	23 21	5 55			n.a.
M14	23 23	25 10	1 34	23 3	0 34	16 26	6 31	23 19	0 37	15 2	1 17	15 5	1 47	22 1	0 9	21 23	0 43	24 52	1 47	23 26	23 21	5 58			n.a.
T 15	23 18	24 49	2 43	23 21	0 19	16 26	6 31	23 25	0 38	14 58	1 17	15 6	1 47	22 1	0 9	21 22	0 43	24 52	1 47	23 26	23 20	6 1			n.a.
W16	23 13	22 59	3 41	23 39	0 5	16 26	6 30	23 30	0 38	14 54	1 17	15 8	1 47	22 0	0 9	21 22	0 43	24 52	1 47	23 26	23 20	6 4			n.a.
T 17	23 7	19 58	4 26	23 55	0n 8	16 27	6 29	23 35	0 39	14 50	1 17	15 9	1 47	22 0	0 9	21 22	0 43	24 53	1 47	23 26	23 20	6 7			n.a.
F 18	23 1	16 4	4 56	24 9	0 20	16 29	6 27	23 40	0 40	14 46	1 17	15 11	1 47	22 0	0 9	21 21	0 43	24 53	1 47	23 25	23 20	6 10			n.a.
S 19	22 54	11 33	5 11	24 21	0 32	16 31	6 26	23 45	0 40	14 43	1 17	15 12	1 47	22 0	0 9	21 21	0 43	24 53	1 48	23 25	23 19	6 13			n.a.
S 20	22 47	6 40	5 12	24 31	0 43	16 34	6 23	23 49	0 41	14 39	1 17	15 14	1 47	21 59	0 9	21 20	0 43	24 53	1 48	23 25	23 19	6 16			n.a.
M21	22 40	1 37	4 59	24 39	0 53	16 38	6 21	23 54	0 41	14 34	1 17	15 15	1 47	21 59	0 9	21 20	0 43	24 54	1 48	23 25	23 19	6 19			n.a.
T 22	22 32	3n26	4 33	24 45	1 2	16 42	6 18	23 58	0 42	14 30	1 17	15 17	1 47	21 59	0 9	21 19	0 43	24 54	1 48	23 25	23 18	6 22			n.a.
W23	22 24	8 21	3 56	24 48	1 11	16 46	6 14	24 2	0 43	14 26	1 16	15 18	1 48	21 58	0 9	21 19	0 43	24 54	1 48	23 25	23 18	6 25			n.a.
T 24	22 15	13 0	3 8	24 48	1 18	16 51	6 11	24 6	0 43	14 22	1 16	15 19	1 48	21 58	0 9	21 18	0 43	24 54	1 48	23 25	23 18	6 28			n.a.
F 25	22 6	17 11	2 12	24 46	1 25	16 57	6 7	24 9	0 44	14 18	1 16	15 21	1 48	21 58	0 9	21 18	0 43	24 54	1 48	23 25	23 18	6 31			n.a.
S 26	21 57	20 43	1 9	24 41	1 31	17 3	6 3	24 13	0 44	14 14	1 16	15 22	1 48	21 58	0 9	21 17	0 43	24 55	1 48	23 25	23 17	6 34			n.a.
S 27	21 47	23 23	0 1	24 34	1 35	17 9	5 58	24 16	0 45	14 10	1 16	15 23	1 48	21 57	0 9	21 17	0 43	24 55	1 48	23 25	23 17	6 37			n.a.
M28	21 37	24 56	1n 8	24 24	1 39	17 16	5 54	24 19	0 46	14 6	1 16	15 24	1 48	21 57	0 9	21 17	0 43	24 55	1 48	23 25	23 17	6 39			n.a.
T 29	21 27	25 9	2 15	24 11	1 43	17 23	5 49	24 22	0 46	14 1	1 16	15 25	1 48	21 57	0 9	21 16	0 43	24 55	1 48	23 25	23 16	6 42			n.a.
W30	21 16	23 57	3 16	23 56	1 45	17 30	5 44	24 25	0 47	13 57	1 16	15 27	1 48	21 57	0 9	21 16	0 43	24 56	1 49	23 25	23 16	6 45			n.a.
T 31	21n 4	21n19	4n 7	23n39	1n47	17n38	5s39	24n27	0n47	13n53	1n16	15n28	1s48	21s57	0s 9	21n15	0n43	24n56	1n49	23n24	23n16	6n48			n.a.

Julian Day Number = 1344301.5, Delta T = 07h12m58s
Ecliptic obliquity = 23°49'07, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'46, Lahiri = -18°12'45 Julian Calendar 1 July 1033 BCE == Greg. Calendar 21 June 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

AUGUST 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 59 48	28♋ 3'20	26♌10	24♋30	18♊23	24♊19	27♌14	17♉ 7	6°R51	29♋38	16♊37	19°R29	17♊56	27♈ 2	n.a.	F 1
S 2	20 3 44	29° 1'42	10♍15	26°25	18°53	24°56	27°26	17°11	6♐50	29°40	16°38	19♊23	17°52	27° 9	n.a.	S 2
S 3	20 7 41	0♌ 0'06	24°26	28°20	19°25	25°34	27°39	17°15	6°48	29°43	16°39	19°17	17°49	27°15	n.a.	S 3
M 4	20 11 37	0°58'32	8♎40	0♌14	19°58	26°12	27°51	17°19	6°47	29°45	16°40	19°14	17°46	27°22	n.a.	M 4
T 5	20 15 34	1°57'00	22°53	2° 8	20°32	26°49	28° 3	17°23	6°46	29°47	16°42	19°12	17°43	27°29	n.a.	T 5
W 6	20 19 30	2°55'30	7♏ 4	4° 0	21° 8	27°27	28°16	17°27	6°45	29°49	16°43	19°D11	17°40	27°35	n.a.	W 6
T 7	20 23 27	3°54'01	21°10	5°51	21°44	28° 4	28°28	17°31	6°44	29°51	16°44	19°12	17°37	27°42	n.a.	T 7
F 8	20 27 24	4°52'34	5♐10	7°42	22°23	28°42	28°41	17°34	6°43	29°54	16°45	19°14	17°33	27°49	n.a.	F 8
S 9	20 31 20	5°51'09	19° 3	9°31	23° 2	29°19	28°53	17°38	6°43	29°56	16°46	19°R14	17°30	27°56	n.a.	S 9
S 10	20 35 17	6°49'45	2♑48	11°20	23°42	29°57	29° 6	17°41	6°42	29°58	16°48	19°13	17°27	28° 2	n.a.	S 10
M11	20 39 13	7°48'24	16°24	13° 7	24°24	0♋34	29°18	17°44	6°41	0♌ 0	16°49	19°10	17°24	28° 9	n.a.	M11
T 12	20 43 10	8°47'05	29°48	14°53	25° 6	1°11	29°31	17°48	6°40	0° 3	16°50	19° 5	17°21	28°16	n.a.	T 12
W13	20 47 6	9°45'47	12♒58	16°38	25°50	1°49	29°43	17°51	6°40	0° 5	16°51	18°58	17°18	28°22	n.a.	W13
T 14	20 51 3	10°44'32	25°54	18°22	26°34	2°26	29°56	17°54	6°39	0° 7	16°52	18°49	17°14	28°29	n.a.	T 14
F 15	20 54 59	11°43'19	8♓35	20° 6	27°20	3° 3	0♍ 9	17°57	6°38	0° 9	16°53	18°39	17°11	28°36	n.a.	F 15
S 16	20 58 56	12°42'08	21° 0	21°48	28° 6	3°40	0°22	18° 0	6°38	0°11	16°54	18°30	17° 8	28°42	n.a.	S 16
S 17	21 2 53	13°41'00	3♈12	23°29	28°54	4°17	0°34	18° 2	6°37	0°14	16°55	18°22	17° 5	28°49	n.a.	S 17
M18	21 6 49	14°39'53	15°13	25° 9	29°42	4°55	0°47	18° 5	6°37	0°16	16°56	18°15	17° 2	28°56	n.a.	M18
T 19	21 10 46	15°38'50	27° 6	26°48	0♋31	5°32	1° 0	18° 7	6°36	0°18	16°57	18°11	16°58	29° 2	n.a.	T 19
W20	21 14 42	16°37'48	8♉56	28°27	1°21	6° 9	1°13	18°10	6°36	0°20	16°58	18° 9	16°55	29° 9	n.a.	W20
T 21	21 18 39	17°36'49	20°48	0♍ 4	2°11	6°46	1°26	18°12	6°36	0°22	16°59	18°D 9	16°52	29°16	n.a.	T 21
F 22	21 22 35	18°35'53	2♊47	1°41	3° 2	7°23	1°39	18°14	6°36	0°24	17° 0	18° 9	16°49	29°23	n.a.	F 22
S 23	21 26 32	19°34'59	14°58	3°16	3°54	8° 0	1°51	18°16	6°35	0°26	17° 1	18°R10	16°46	29°29	n.a.	S 23
S 24	21 30 28	20°34'07	27°26	4°51	4°47	8°37	2° 4	18°18	6°35	0°29	17° 2	18°10	16°43	29°36	n.a.	S 24
M25	21 34 25	21°33'18	10♋15	6°25	5°41	9°13	2°17	18°20	6°35	0°31	17° 2	18° 7	16°39	29°43	n.a.	M25
T 26	21 38 21	22°32'32	23°29	7°58	6°34	9°50	2°30	18°22	6°D35	0°33	17° 3	18° 3	16°36	29°49	n.a.	T 26
W27	21 42 18	23°31'47	7♌ 7	9°30	7°29	10°27	2°43	18°24	6°35	0°35	17° 4	17°55	16°33	29°56	n.a.	W27
T 28	21 46 15	24°31'05	21° 8	11° 2	8°24	11° 4	2°56	18°25	6°35	0°37	17° 5	17°46	16°30	0♉ 3	n.a.	T 28
F 29	21 50 11	25°30'25	5♍28	12°32	9°20	11°41	3° 9	18°27	6°35	0°39	17° 6	17°35	16°27	0° 9	n.a.	F 29
S 30	21 54 8	26°29'47	20° 0	14° 2	10°16	12°17	3°23	18°28	6°36	0°41	17° 6	17°25	16°24	0°16	n.a.	S 30
S 31	21 58 4	27♌29'11	4♎38	15♍31	11♋13	12♋54	3♍36	18♉29	6♐36	0♌43	17♊ 7	17♊15	16♊20	0♉23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n53	17n26	4n45	23n20	1n48	17n46	5s34	24n30	0n48	13n48	1n16	15n29	1s48	21s56	0s 9	21n15	0n43	24n56	1n49	23n24	23n16	6n51		n.a.
S 2	20 41	12 33	5 6	22 58	1 48	17 54	5 28	24 32	0 49	13 44	1 16	15 30	1 49	21 56	0 9	21 14	0 43	24 56	1 49	23 23	23 15	6 54		n.a.
S 3	20 28	6 57	5 8	22 35	1 48	18 2	5 23	24 34	0 49	13 40	1 16	15 31	1 49	21 56	0 9	21 14	0 43	24 57	1 49	23 23	23 15	6 57		n.a.
M 4	20 15	0 59	4 52	22 10	1 47	18 10	5 17	24 36	0 50	13 35	1 15	15 32	1 49	21 56	0 9	21 13	0 43	24 57	1 49	23 22	23 15	7 0		n.a.
T 5	20 2	5s 3	4 18	21 43	1 46	18 18	5 11	24 37	0 50	13 31	1 15	15 33	1 49	21 56	0 9	21 13	0 43	24 57	1 49	23 22	23 14	7 3		n.a.
W 6	19 49	10 49	3 28	21 14	1 44	18 26	5 5	24 39	0 51	13 26	1 15	15 34	1 49	21 55	0 9	21 12	0 43	24 57	1 49	23 22	23 14	7 6		n.a.
T 7	19 35	16 0	2 26	20 44	1 41	18 35	4 59	24 40	0 52	13 22	1 15	15 35	1 49	21 55	0 9	21 12	0 43	24 57	1 49	23 22	23 14	7 9		n.a.
F 8	19 21	20 16	1 15	20 13	1 39	18 43	4 53	24 41	0 52	13 18	1 15	15 36	1 49	21 55	0 9	21 11	0 43	24 58	1 49	23 22	23 14	7 12		n.a.
S 9	19 6	23 21	0 1	19 41	1 35	18 51	4 47	24 42	0 53	13 13	1 15	15 37	1 49	21 55	0 9	21 11	0 43	24 58	1 50	23 22	23 13	7 15		n.a.
S 10	18 52	25 0	1s13	19 7	1 32	18 59	4 41	24 42	0 53	13 9	1 15	15 37	1 50	21 55	0 9	21 10	0 43	24 58	1 50	23 22	23 13	7 18		n.a.
M11	18 36	25 8	2 21	18 33	1 28	19 7	4 35	24 43	0 54	13 4	1 15	15 38	1 50	21 55	0 9	21 10	0 43	24 58	1 50	23 22	23 13	7 21		n.a.
T 12	18 21	23 47	3 20	17 57	1 23	19 15	4 29	24 43	0 55	12 59	1 15	15 39	1 50	21 55	0 9	21 10	0 43	24 59	1 50	23 22	23 12	7 24		n.a.
W13	18 5	21 8	4 8	17 21	1 19	19 23	4 22	24 44	0 55	12 55	1 15	15 40	1 50	21 54	0 9	21 9	0 43	24 59	1 50	23 21	23 12	7 26		n.a.
T 14	17 49	17 29	4 42	16 44	1 14	19 31	4 16	24 44	0 56	12 50	1 15	15 41	1 50	21 54	0 9	21 9	0 43	24 59	1 50	23 20	23 12	7 29		n.a.
F 15	17 33	13 7	5 1	16 6	1 8	19 38	4 9	24 43	0 56	12 46	1 15	15 41	1 50	21 54	0 9	21 8	0 43	24 59	1 50	23 20	23 11	7 32		n.a.
S 16	17 16	8 17	5 5	15 27	1 3	19 45	4 3	24 43	0 57	12 41	1 15	15 42	1 50	21 54	0 9	21 8	0 43	24 59	1 50	23 19	23 11	7 35		n.a.
S 17	16 59	3 13	4 55	14 48	0 57	19 52	3 57	24 42	0 58	12 36	1 15	15 43	1 50	21 54	0 9	21 7	0 43	25 0	1 50	23 18	23 11	7 38		n.a.
M18	16 42	1n54	4 33	14 9	0 51	19 59	3 50	24 42	0 58	12 32	1 15	15 43	1 51	21 54	0 9	21 7	0 43	25 0	1 50	23 17	23 10	7 41		n.a.
T 19	16 24	6 54	3 58	13 29	0 45	20 6	3 43	24 41	0 59	12 27	1 15	15 44	1 51	21 54	0 9	21 6	0 43	25 0	1 51	23 17	23 10	7 44		n.a.
W20	16 6	11 39	3 14	12 48	0 39	20 12	3 37	24 40	0 59	12 22	1 15	15 44	1 51	21 54	0 9	21 6	0 43	25 0	1 51	23 17	23 10	7 47		n.a.
T 21	15 48	15 58	2 21	12 8	0 32	20 18	3 30	24 39	1 0	12 18	1 15	15 45	1 51	21 54	0 9	21 5	0 43	25 0	1 51	23 17	23 10	7 50		n.a.
F 22	15 29	19 43	1 21	11 27	0 26	20 23	3 24	24 37	1 1	12 13	1 15	15 45	1 51	21 54	0 9	21 5	0 43	25 1	1 51	23 17	23 9	7 53		n.a.
S 23	15 11	22 40	0 17	10 46	0 19	20 28	3 17	24 36	1 1	12 8	1 15	15 46	1 51	21 54	0 9	21 5	0 43	25 1	1 51	23 17	23 9	7 56		n.a.
S 24	14 52	24 37	0n49	10 4	0 12	20 33	3 11	24 34	1 2	12 4	1 15	15 46	1 51	21 54	0 9	21 4	0 43	25 1	1 51	23 17	23 9	7 59		n.a.
M25	14 33	25 20	1 55	9 23	0 5	20 38	3 4	24 32	1 2	11 59	1 15	15 47	1 52	21 54	0 9	21 4	0 43	25 1	1 51	23 17	23 8	8 2		n.a.
T 26	14 13	24 38	2 56	8 41	0s 2	20 42	2 58	24 30	1 3	11 54	1 15	15 47	1 52	21 54	0 9	21 3	0 43	25 1	1 51	23 16	23 8	8 5		n.a.
W27	13 53	22 29	3 50	8 0	0 9	20 45	2 51	24 28	1 4	11 49	1 14	15 47	1 52	21 54	0 9	21 3	0 43	25 2	1 51	23 16	23 8	8 8		n.a.
T 28	13 33	18 56	4 30	7 18	0 16	20 48	2 45	24 25	1 4	11 44	1 14	15 48	1 52	21 54	0 9	21 2	0 43	25 2	1 52	23 15	23 7	8 10		n.a.
F 29	13 13	14 13	4 55	6 36	0 23	20 51	2 38	24 22	1 5	11 40	1 14	15 48	1 52	21 54	0 9	21 2	0 43	25 2	1 52	23 14	23 7	8 13		n.a.
S 30	12 53	8 38	5 2	5 55	0 30	20 53	2 32	24 20	1 6	11 35	1 14	15 48	1 52	21 54	0 9	21 1	0 43	25 2	1 52	23 13	23 7	8 16		n.a.
S 31	12n32	2n32	4n48	5n13	0s38	20n55	2s26	24n17	1n 6	11n30	1n14	15n48	1s52	21s54	0s 9	21n 1	0n43	25n 2	1n52	23n12	23n 6	8n19		n.a.

Julian Day Number = 1344332.5, Delta T = 07h12m57s
Ecliptic obliquity = 23°49'07, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'41, Lahiri = -18°12'41 Julian Calendar 1 Aug. 1033 BCE == Greg. Calendar 22 July 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

SEPTEMBER 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 2 1	28♌28'37	19♎14	16♍59	12♋11	13♋30	3♍49	18♉30	6♐36	0♌45	17♊ 8	17°R 8	16♊17	0♉29	n.a.	M 1
T 2	22 5 57	29°28'05	3♏43	18°26	13° 8	14° 7	4° 2	18°31	6°36	0°47	17° 8	17♊ 3	16°14	0°36	n.a.	T 2
W 3	22 9 54	0♍27'35	18° 0	19°52	14° 7	14°44	4°15	18°32	6°37	0°49	17° 9	17° 1	16°11	0°43	n.a.	W 3
T 4	22 13 50	1°27'07	2♐ 3	21°18	15° 6	15°20	4°28	18°33	6°37	0°51	17°10	17°D 0	16° 8	0°49	n.a.	T 4
F 5	22 17 47	2°26'41	15°52	22°42	16° 5	15°56	4°41	18°33	6°38	0°53	17°10	17°R 0	16° 4	0°56	n.a.	F 5
S 6	22 21 44	3°26'17	29°28	24° 6	17° 5	16°33	4°54	18°34	6°38	0°55	17°11	17° 0	16° 1	1° 3	n.a.	S 6
S 7	22 25 40	4°25'54	12♑52	25°28	18° 5	17° 9	5° 7	18°34	6°39	0°57	17°11	16°57	15°58	1°10	n.a.	S 7
M 8	22 29 37	5°25'34	26° 4	26°50	19° 5	17°46	5°20	18°35	6°39	0°59	17°12	16°53	15°55	1°16	n.a.	M 8
T 9	22 33 33	6°25'15	9♒ 5	28°10	20° 6	18°22	5°34	18°35	6°40	1° 1	17°12	16°45	15°52	1°23	n.a.	T 9
W10	22 37 30	7°24'59	21°55	29°29	21° 8	18°58	5°47	18°R35	6°41	1° 3	17°13	16°34	15°49	1°30	n.a.	W10
T 11	22 41 26	8°24'44	4♓34	0♎48	22°10	19°34	6° 0	18°35	6°42	1° 5	17°13	16°21	15°45	1°36	n.a.	T 11
F 12	22 45 23	9°24'32	17° 2	2° 4	23°12	20°10	6°13	18°35	6°42	1° 7	17°14	16° 7	15°42	1°43	n.a.	F 12
S 13	22 49 19	10°24'21	29°18	3°20	24°14	20°46	6°26	18°34	6°43	1° 8	17°14	15°53	15°39	1°50	n.a.	S 13
S 14	22 53 16	11°24'13	11♈24	4°34	25°17	21°22	6°39	18°34	6°44	1°10	17°15	15°41	15°36	1°56	n.a.	S 14
M15	22 57 12	12°24'07	23°21	5°46	26°21	21°58	6°52	18°34	6°45	1°12	17°15	15°30	15°33	2° 3	n.a.	M15
T 16	23 1 9	13°24'03	5♉11	6°57	27°24	22°34	7° 5	18°33	6°46	1°14	17°15	15°23	15°29	2°10	n.a.	T 16
W17	23 5 6	14°24'02	16°59	8° 6	28°28	23°10	7°18	18°32	6°47	1°15	17°15	15°18	15°26	2°16	n.a.	W17
T 18	23 9 2	15°24'03	28°49	9°12	29°32	23°46	7°31	18°31	6°48	1°17	17°16	15°16	15°23	2°23	n.a.	T 18
F 19	23 12 59	16°24'06	10♊45	10°17	0♌37	24°22	7°45	18°31	6°50	1°19	17°16	15°15	15°20	2°30	n.a.	F 19
S 20	23 16 55	17°24'11	22°53	11°18	1°42	24°58	7°58	18°29	6°51	1°21	17°16	15°15	15°17	2°36	n.a.	S 20
S 21	23 20 52	18°24'19	5♋18	12°17	2°47	25°34	8°11	18°28	6°52	1°22	17°16	15°15	15°14	2°43	n.a.	S 21
M22	23 24 48	19°24'29	18° 6	13°13	3°52	26° 9	8°24	18°27	6°54	1°24	17°17	15°12	15°10	2°50	n.a.	M22
T 23	23 28 45	20°24'42	1♌21	14° 5	4°58	26°45	8°37	18°26	6°55	1°26	17°17	15° 7	15° 7	2°56	n.a.	T 23
W24	23 32 41	21°24'56	15° 4	14°54	6° 4	27°20	8°50	18°24	6°56	1°27	17°17	15° 0	15° 4	3° 3	n.a.	W24
T 25	23 36 38	22°25'13	29°16	15°38	7°10	27°56	9° 3	18°23	6°58	1°29	17°17	14°50	15° 1	3°10	n.a.	T 25
F 26	23 40 35	23°25'31	13♍53	16°17	8°17	28°31	9°16	18°21	6°59	1°30	17°17	14°38	14°58	3°16	n.a.	F 26
S 27	23 44 31	24°25'52	28°47	16°51	9°24	29° 7	9°29	18°19	7° 1	1°32	17°17	14°26	14°55	3°23	n.a.	S 27
S 28	23 48 28	25°26'14	13♎49	17°19	10°31	29°42	9°41	18°17	7° 3	1°33	17°R17	14°16	14°51	3°30	n.a.	S 28
M29	23 52 24	26°26'38	28°50	17°40	11°38	0♌17	9°54	18°15	7° 4	1°35	17°17	14° 7	14°48	3°37	n.a.	M29
T 30	23 56 21	27♍27'04	13♏40	17♎54	12♌45	0♌53	10♍ 7	18♉13	7♐ 6	1♌36	17♊17	14♊ 1	14♊45	3♉43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n11	3s42	4n16	4n32	0s45	20n56	2s19	24n14	1n 7	11n25	1n14	15n48	1s52	21s54	0s 9	21n 1	0n43	25n 3	1n52	23n11	23n 6	8n22		n.a.
T 2	11 50	9 42	3 28	3 51	0 52	20 57	2 13	24 10	1 7	11 20	1 14	15 49	1 53	21 54	0 9	21 0	0 43	25 3	1 52	23 11	23 6	8 25		n.a.
W 3	11 29	15 6	2 27	3 10	0 59	20 58	2 7	24 7	1 8	11 15	1 14	15 49	1 53	21 54	0 9	21 0	0 43	25 3	1 52	23 10	23 5	8 28		n.a.
T 4	11 8	19 37	1 18	2 29	1 6	20 57	2 0	24 4	1 9	11 11	1 14	15 49	1 53	21 54	0 9	20 59	0 43	25 3	1 52	23 10	23 5	8 31		n.a.
F 5	10 46	22 57	0 6	1 49	1 14	20 57	1 54	24 0	1 9	11 6	1 14	15 49	1 53	21 54	0 9	20 59	0 43	25 3	1 52	23 10	23 5	8 34		n.a.
S 6	10 24	24 55	1s 6	1 9	1 21	20 55	1 48	23 56	1 10	11 1	1 14	15 49	1 53	21 54	0 9	20 59	0 43	25 3	1 53	23 10	23 4	8 37		n.a.
S 7	10 2	25 23	2 12	0 29	1 28	20 54	1 42	23 52	1 11	10 56	1 14	15 49	1 53	21 54	0 9	20 58	0 43	25 4	1 53	23 10	23 4	8 40		n.a.
M 8	9 40	24 23	3 11	0s10	1 35	20 51	1 36	23 48	1 11	10 51	1 14	15 49	1 53	21 54	0 9	20 58	0 43	25 4	1 53	23 10	23 4	8 43		n.a.
T 9	9 18	22 6	3 58	0 49	1 42	20 48	1 30	23 43	1 12	10 46	1 14	15 49	1 54	21 55	0 9	20 57	0 43	25 4	1 53	23 9	23 3	8 46		n.a.
W10	8 55	18 43	4 33	1 27	1 48	20 45	1 24	23 39	1 12	10 41	1 14	15 49	1 54	21 55	0 9	20 57	0 43	25 4	1 53	23 8	23 3	8 48		n.a.
T 11	8 33	14 32	4 54	2 4	1 55	20 41	1 18	23 34	1 13	10 36	1 15	15 48	1 54	21 55	0 9	20 57	0 43	25 4	1 53	23 6	23 3	8 51		n.a.
F 12	8 10	9 47	5 0	2 41	2 1	20 36	1 12	23 29	1 14	10 32	1 15	15 48	1 54	21 55	0 9	20 56	0 43	25 4	1 53	23 5	23 2	8 54		n.a.
S 13	7 47	4 44	4 52	3 18	2 8	20 31	1 6	23 25	1 14	10 27	1 15	15 48	1 54	21 55	0 9	20 56	0 44	25 5	1 53	23 3	23 2	8 57		n.a.
S 14	7 24	0n26	4 31	3 53	2 14	20 25	1 1	23 19	1 15	10 22	1 15	15 48	1 54	21 55	0 9	20 55	0 44	25 5	1 53	23 2	23 2	9 0		n.a.
M15	7 1	5 32	3 58	4 27	2 20	20 19	0 55	23 14	1 16	10 17	1 15	15 48	1 54	21 56	0 9	20 55	0 44	25 5	1 54	23 1	23 1	9 3		n.a.
T 16	6 37	10 24	3 15	5 1	2 25	20 12	0 49	23 9	1 16	10 12	1 15	15 47	1 54	21 56	0 9	20 55	0 44	25 5	1 54	23 0	23 1	9 6		n.a.
W17	6 14	14 53	2 24	5 33	2 30	20 5	0 44	23 3	1 17	10 7	1 15	15 47	1 55	21 56	0 9	20 54	0 44	25 5	1 54	23 0	23 1	9 9		n.a.
T 18	5 51	18 49	1 26	6 5	2 35	19 57	0 38	22 58	1 18	10 2	1 15	15 47	1 55	21 56	0 9	20 54	0 44	25 5	1 54	22 59	23 0	9 12		n.a.
F 19	5 27	22 1	0 24	6 35	2 40	19 48	0 33	22 52	1 18	9 57	1 15	15 46	1 55	21 56	0 9	20 54	0 44	25 5	1 54	22 59	23 0	9 15		n.a.
S 20	5 3	24 18	0n40	7 3	2 44	19 39	0 28	22 46	1 19	9 52	1 15	15 46	1 55	21 56	0 9	20 53	0 44	25 6	1 54	22 59	22 59	9 18		n.a.
S 21	4 39	25 27	1 44	7 30	2 48	19 29	0 22	22 40	1 19	9 47	1 15	15 45	1 55	21 57	0 9	20 53	0 44	25 6	1 54	22 59	22 59	9 20		n.a.
M22	4 15	25 17	2 44	7 55	2 51	19 19	0 17	22 34	1 20	9 42	1 15	15 45	1 55	21 57	0 9	20 53	0 44	25 6	1 54	22 59	22 59	9 23		n.a.
T 23	3 51	23 43	3 38	8 18	2 54	19 8	0 12	22 28	1 21	9 37	1 15	15 44	1 55	21 57	0 9	20 52	0 44	25 6	1 55	22 58	22 58	9 26		n.a.
W24	3 27	20 43	4 21	8 39	2 56	18 56	0 7	22 21	1 21	9 33	1 15	15 44	1 55	21 57	0 9	20 52	0 44	25 6	1 55	22 58	22 58	9 29		n.a.
T 25	3 3	16 25	4 50	8 58	2 57	18 44	0 2	22 15	1 22	9 28	1 15	15 43	1 56	21 58	0 9	20 52	0 44	25 6	1 55	22 56	22 58	9 32		n.a.
F 26	2 39	11 3	5 1	9 14	2 58	18 31	0n 3	22 8	1 23	9 23	1 15	15 43	1 56	21 58	0 9	20 51	0 44	25 6	1 55	22 55	22 57	9 35		n.a.
S 27	2 15	4 56	4 51	9 27	2 58	18 18	0 7	22 1	1 23	9 18	1 15	15 42	1 56	21 58	0 9	20 51	0 44	25 6	1 55	22 54	22 57	9 38		n.a.
S 28	1 50	1s31	4 22	9 36	2 56	18 4	0 12	21 54	1 24	9 13	1 15	15 42	1 56	21 58	0 9	20 51	0 44	25 7	1 55	22 52	22 57	9 41		n.a.
M29	1 26	7 53	3 35	9 43	2 54	17 50	0 17	21 47	1 25	9 8	1 15	15 41	1 56	21 59	0 9	20 50	0 44	25 7	1 55	22 51	22 56	9 44		n.a.
T 30	1n 2	13s46	2n33	9s45	2s50	17n35	0n21	21n40	1n25	9n 3	1n15	15n40	1s56	21s59	0s 9	20n50	0n44	25n 7	1n55	22n51	22n56	9n47		n.a.

Julian Day Number = 1344363.5, Delta T = 07h12m55s
Ecliptic obliquity = 23°49'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'37, Lahiri = -18°12'37 Julian Calendar 1 Sept. 1033 BCE == Greg. Calendar 22 Aug. 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

OCTOBER 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 0 17	28♍27'31	28♏14	18°R 0	13♌53	1♌28	10♍20	18°R11	7♐ 8	1♌38	17°R17	13°R59	14♊42	3♉50	n.a.	W 1
T 2	0 4 14	29°28'00	12♐28	17♎57	15° 1	2° 3	10°33	18♉ 8	7°10	1°39	17♊17	13°D58	14°39	3°57	n.a.	T 2
F 3	0 8 10	0♎28'31	26°20	17°46	16° 9	2°38	10°46	18° 6	7°11	1°40	17°17	13°R58	14°35	4° 3	n.a.	F 3
S 4	0 12 7	1°29'03	9♑51	17°24	17°17	3°13	10°58	18° 3	7°13	1°42	17°16	13♊58	14°32	4°10	n.a.	S 4
S 5	0 16 3	2°29'36	23° 4	16°53	18°26	3°48	11°11	18° 1	7°15	1°43	17°16	13°56	14°29	4°17	n.a.	S 5
M 6	0 20 0	3°30'11	6♒ 2	16°11	19°34	4°23	11°24	17°58	7°17	1°44	17°16	13°52	14°26	4°23	n.a.	M 6
T 7	0 23 57	4°30'47	18°46	15°20	20°43	4°58	11°36	17°55	7°19	1°45	17°16	13°45	14°23	4°30	n.a.	T 7
W 8	0 27 53	5°31'24	1♓18	14°19	21°52	5°33	11°49	17°52	7°21	1°47	17°16	13°35	14°20	4°37	n.a.	W 8
T 9	0 31 50	6°32'03	13°40	13°10	23° 2	6° 7	12° 1	17°49	7°23	1°48	17°15	13°23	14°16	4°43	n.a.	T 9
F 10	0 35 46	7°32'44	25°53	11°55	24°11	6°42	12°14	17°46	7°26	1°49	17°15	13°10	14°13	4°50	n.a.	F 10
S 11	0 39 43	8°33'26	7♈59	10°36	25°21	7°17	12°26	17°43	7°28	1°50	17°15	12°58	14°10	4°57	n.a.	S 11
S 12	0 43 39	9°34'09	19°57	9°15	26°30	7°51	12°39	17°40	7°30	1°51	17°14	12°46	14° 7	5° 3	n.a.	S 12
M13	0 47 36	10°34'54	1♉50	7°54	27°40	8°25	12°51	17°36	7°32	1°52	17°14	12°37	14° 4	5°10	n.a.	M13
T 14	0 51 32	11°35'41	13°39	6°38	28°50	9° 0	13° 3	17°33	7°35	1°53	17°14	12°30	14° 1	5°17	n.a.	T 14
W15	0 55 29	12°36'29	25°26	5°27	0♍ 1	9°34	13°16	17°29	7°37	1°54	17°13	12°26	13°57	5°23	n.a.	W15
T 16	0 59 26	13°37'19	7♊15	4°24	1°11	10° 8	13°28	17°25	7°39	1°55	17°13	12°D24	13°54	5°30	n.a.	T 16
F 17	1 3 22	14°38'10	19°11	3°31	2°22	10°43	13°40	17°22	7°42	1°56	17°12	12°24	13°51	5°37	n.a.	F 17
S 18	1 7 19	15°39'04	1♋17	2°49	3°32	11°17	13°52	17°18	7°44	1°57	17°12	12°25	13°48	5°43	n.a.	S 18
S 19	1 11 15	16°39'58	13°39	2°19	4°43	11°51	14° 4	17°14	7°47	1°58	17°11	12°R26	13°45	5°50	n.a.	S 19
M20	1 15 12	17°40'55	26°21	2° 0	5°54	12°25	14°16	17°10	7°49	1°59	17°11	12°25	13°41	5°57	n.a.	M20
T 21	1 19 8	18°41'52	9♌30	1°D52	7° 5	12°59	14°28	17° 6	7°52	2° 0	17°10	12°23	13°38	6° 3	n.a.	T 21
W22	1 23 5	19°42'52	23° 7	1°56	8°16	13°32	14°40	17° 2	7°55	2° 0	17° 9	12°19	13°35	6°10	n.a.	W22
T 23	1 27 1	20°43'52	7♍14	2°10	9°28	14° 6	14°52	16°58	7°57	2° 1	17° 9	12°12	13°32	6°17	n.a.	T 23
F 24	1 30 58	21°44'54	21°50	2°33	10°39	14°40	15° 4	16°54	8° 0	2° 2	17° 8	12° 4	13°29	6°23	n.a.	F 24
S 25	1 34 55	22°45'58	6♎48	3° 4	11°51	15°13	15°16	16°49	8° 3	2° 3	17° 7	11°56	13°26	6°30	n.a.	S 25
S 26	1 38 51	23°47'02	22° 1	3°44	13° 3	15°47	15°27	16°45	8° 5	2° 3	17° 7	11°49	13°22	6°37	n.a.	S 26
M27	1 42 48	24°48'08	7♏17	4°30	14°14	16°20	15°39	16°41	8° 8	2° 4	17° 6	11°43	13°19	6°43	n.a.	M27
T 28	1 46 44	25°49'14	22°27	5°22	15°26	16°54	15°50	16°36	8°11	2° 4	17° 5	11°39	13°16	6°50	n.a.	T 28
W29	1 50 41	26°50'22	7♐20	6°19	16°38	17°27	16° 2	16°32	8°14	2° 5	17° 5	11°D38	13°13	6°57	n.a.	W29
T 30	1 54 37	27°51'30	21°51	7°20	17°50	18° 0	16°13	16°27	8°17	2° 5	17° 4	11°38	13°10	7° 3	n.a.	T 30
F 31	1 58 34	28♎52'39	5♑56	8♎26	19♍ 3	18♌33	16♍25	16♉22	8♐20	2♌ 6	17♊ 3	11♊39	13♊ 6	7♉10	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n37	18s45	1n22	9s43	2s46	17n20	0n26	21n33	1n26	8n58	1n15	15n39	1s56	21s59	0s 9	20n50	0n44	25n 7	1n55	22n50	22n56	9n50		n.a.
T 2	0 13	22 31	0 8	9 36	2 39	17 4	0 30	21 25	1 27	8 53	1 15	15 39	1 56	22 0	0 9	20 49	0 44	25 7	1 56	22 50	22 55	9 52		n.a.
F 3	0s12	24 51	1s 5	9 24	2 31	16 47	0 34	21 18	1 27	8 49	1 15	15 38	1 56	22 0	0 9	20 49	0 44	25 7	1 56	22 50	22 55	9 55		n.a.
S 4	0 36	25 39	2 13	9 7	2 22	16 30	0 38	21 10	1 28	8 44	1 16	15 37	1 56	22 0	0 9	20 49	0 44	25 7	1 56	22 50	22 54	9 58		n.a.
S 5	1 0	24 57	3 12	8 44	2 11	16 13	0 42	21 3	1 29	8 39	1 16	15 36	1 56	22 1	0 9	20 49	0 44	25 7	1 56	22 50	22 54	10 1		n.a.
M 6	1 25	22 55	3 59	8 16	1 57	15 55	0 46	20 55	1 29	8 34	1 16	15 35	1 57	22 1	0 9	20 48	0 44	25 7	1 56	22 50	22 54	10 4		n.a.
T 7	1 49	19 46	4 34	7 42	1 42	15 36	0 50	20 47	1 30	8 29	1 16	15 35	1 57	22 1	0 9	20 48	0 44	25 8	1 56	22 49	22 53	10 7		n.a.
W 8	2 14	15 46	4 55	7 3	1 26	15 17	0 54	20 39	1 31	8 24	1 16	15 34	1 57	22 2	0 9	20 48	0 44	25 8	1 56	22 47	22 53	10 10		n.a.
T 9	2 38	11 9	5 2	6 19	1 8	14 58	0 57	20 31	1 32	8 20	1 16	15 33	1 57	22 2	0 9	20 48	0 44	25 8	1 56	22 46	22 53	10 13		n.a.
F 10	3 2	6 9	4 55	5 32	0 48	14 38	1 1	20 23	1 32	8 15	1 16	15 32	1 57	22 2	0 9	20 47	0 44	25 8	1 57	22 44	22 52	10 16		n.a.
S 11	3 27	0 59	4 34	4 42	0 28	14 17	1 4	20 14	1 33	8 10	1 16	15 31	1 57	22 3	0 9	20 47	0 44	25 8	1 57	22 43	22 52	10 18		n.a.
S 12	3 51	4n12	4 2	3 50	0 8	13 56	1 8	20 6	1 34	8 5	1 16	15 30	1 57	22 3	0 9	20 47	0 44	25 8	1 57	22 41	22 51	10 21		n.a.
M13	4 15	9 12	3 19	2 59	0n13	13 35	1 11	19 58	1 34	8 1	1 16	15 29	1 57	22 4	0 9	20 47	0 44	25 8	1 57	22 40	22 51	10 24		n.a.
T 14	4 39	13 51	2 27	2 10	0 33	13 13	1 14	19 49	1 35	7 56	1 16	15 28	1 57	22 4	0 9	20 47	0 45	25 8	1 57	22 39	22 51	10 27		n.a.
W15	5 3	17 59	1 30	1 24	0 52	12 51	1 17	19 40	1 36	7 51	1 17	15 27	1 57	22 4	0 9	20 46	0 45	25 8	1 57	22 39	22 50	10 30		n.a.
T 16	5 27	21 25	0 28	0 42	1 10	12 28	1 20	19 32	1 36	7 47	1 17	15 26	1 57	22 5	0 9	20 46	0 45	25 8	1 57	22 38	22 50	10 33		n.a.
F 17	5 51	23 58	0n36	0 6	1 26	12 5	1 23	19 23	1 37	7 42	1 17	15 25	1 57	22 5	0 9	20 46	0 45	25 8	1 57	22 38	22 49	10 36		n.a.
S 18	6 15	25 28	1 40	0n24	1 41	11 42	1 26	19 14	1 38	7 37	1 17	15 23	1 57	22 6	0 9	20 46	0 45	25 8	1 57	22 39	22 49	10 39		n.a.
S 19	6 39	25 45	2 40	0 48	1 53	11 18	1 28	19 5	1 39	7 33	1 17	15 22	1 57	22 6	0 9	20 46	0 45	25 8	1 58	22 39	22 49	10 42		n.a.
M20	7 3	24 42	3 34	1 5	2 4	10 54	1 31	18 56	1 39	7 28	1 17	15 21	1 57	22 6	0 9	20 46	0 45	25 8	1 58	22 39	22 48	10 44		n.a.
T 21	7 26	22 18	4 18	1 16	2 12	10 29	1 33	18 47	1 40	7 23	1 17	15 20	1 57	22 7	0 9	20 45	0 45	25 9	1 58	22 38	22 48	10 47		n.a.
W22	7 50	18 35	4 50	1 20	2 19	10 4	1 36	18 38	1 41	7 19	1 17	15 19	1 57	22 7	0 9	20 45	0 45	25 9	1 58	22 38	22 48	10 50		n.a.
T 23	8 13	13 42	5 6	1 19	2 24	9 39	1 38	18 28	1 41	7 14	1 17	15 18	1 58	22 8	0 9	20 45	0 45	25 9	1 58	22 37	22 47	10 53		n.a.
F 24	8 36	7 55	5 3	1 13	2 28	9 13	1 40	18 19	1 42	7 10	1 18	15 16	1 58	22 8	0 9	20 45	0 45	25 9	1 58	22 36	22 47	10 56		n.a.
S 25	8 59	1 31	4 39	1 2	2 30	8 48	1 42	18 10	1 43	7 5	1 18	15 15	1 58	22 9	0 9	20 45	0 45	25 9	1 58	22 35	22 46	10 59		n.a.
S 26	9 22	5s 4	3 55	0 47	2 30	8 21	1 44	18 0	1 44	7 1	1 18	15 14	1 58	22 9	0 9	20 45	0 45	25 9	1 58	22 34	22 46	11 2		n.a.
M27	9 45	11 25	2 55	0 29	2 30	7 55	1 46	17 51	1 44	6 56	1 18	15 13	1 58	22 9	0 9	20 45	0 45	25 9	1 58	22 33	22 46	11 5		n.a.
T 28	10 8	17 2	1 42	0 7	2 29	7 28	1 47	17 41	1 45	6 52	1 18	15 11	1 58	22 10	0 9	20 45	0 45	25 9	1 59	22 32	22 45	11 7		n.a.
W29	10 30	21 30	0 23	0s18	2 27	7 1	1 49	17 32	1 46	6 48	1 18	15 10	1 58	22 10	0 9	20 44	0 45	25 9	1 59	22 32	22 45	11 10		n.a.
T 30	10 53	24 29	0s55	0 46	2 24	6 34	1 50	17 22	1 47	6 43	1 18	15 9	1 58	22 11	0 9	20 44	0 45	25 9	1 59	22 32	22 44	11 13		n.a.
F 31	11s15	25s49	2s 8	1s15	2n20	6n 7	1n52	17n12	1n47	6n39	1n18	15n 7	1s58	22s11	0s 9	20n44	0n45	25n 9	1n59	22n32	22n44	11n16		n.a.

Julian Day Number = 1344393.5, Delta T = 07h12m54s
Ecliptic obliquity = 23°49'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'33, Lahiri = -18°12'33 Julian Calendar 1 Oct. 1033 BCE == Greg. Calendar 21 Sept. 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

NOVEMBER 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 30	29♎53'48	19♉36	9♎35	20♍15	19♌ 6	16♍36	16°R18	8♐23	2♌ 6	17°R 2	11♊40	13♊ 3	7♉17	n.a.	S 1
S 2	2 6 27	0♏54'58	2♒51	10°47	21°27	19°39	16°47	16♉13	8°26	2° 7	17♊ 1	11°R41	13° 0	7°24	n.a.	S 2
M 3	2 10 24	1°56'09	15°45	12° 2	22°40	20°11	16°58	16° 8	8°29	2° 7	17° 1	11°40	12°57	7°30	n.a.	M 3
T 4	2 14 20	2°57'20	28°22	13°19	23°52	20°44	17° 9	16° 3	8°32	2° 8	17° 0	11°37	12°54	7°37	n.a.	T 4
W 5	2 18 17	3°58'31	10♓43	14°38	25° 5	21°17	17°20	15°59	8°35	2° 8	16°59	11°32	12°51	7°44	n.a.	W 5
T 6	2 22 13	4°59'43	22°54	15°59	26°18	21°49	17°31	15°54	8°38	2° 8	16°58	11°26	12°47	7°50	n.a.	T 6
F 7	2 26 10	6° 0'55	4♈56	17°21	27°30	22°21	17°41	15°49	8°41	2° 8	16°57	11°19	12°44	7°57	n.a.	F 7
S 8	2 30 6	7° 2'07	16°53	18°44	28°43	22°54	17°52	15°44	8°44	2° 9	16°56	11°12	12°41	8° 4	n.a.	S 8
S 9	2 34 3	8° 3'21	28°45	20° 8	29°56	23°26	18° 3	15°39	8°47	2° 9	16°55	11° 6	12°38	8°10	n.a.	S 9
M10	2 37 59	9° 4'34	10♉34	21°34	1♎ 9	23°58	18°13	15°34	8°51	2° 9	16°54	11° 1	12°35	8°17	n.a.	M10
T 11	2 41 56	10° 5'48	22°23	23° 0	2°22	24°30	18°24	15°29	8°54	2° 9	16°53	10°58	12°32	8°24	n.a.	T 11
W12	2 45 53	11° 7'03	4♊14	24°27	3°35	25° 1	18°34	15°24	8°57	2° 9	16°52	10°56	12°28	8°30	n.a.	W12
T 13	2 49 49	12° 8'18	16° 8	25°54	4°48	25°33	18°44	15°19	9° 0	2°R 9	16°51	10°D56	12°25	8°37	n.a.	T 13
F 14	2 53 46	13° 9'34	28° 9	27°23	6° 2	26° 5	18°54	15°14	9° 4	2° 9	16°50	10°57	12°22	8°44	n.a.	F 14
S 15	2 57 42	14°10'50	10♋19	28°51	7°15	26°36	19° 4	15° 9	9° 7	2° 9	16°49	10°59	12°19	8°50	n.a.	S 15
S 16	3 1 39	15°12'07	22°43	0♏21	8°28	27° 7	19°14	15° 4	9°10	2° 9	16°48	11° 1	12°16	8°57	n.a.	S 16
M17	3 5 35	16°13'24	5♌24	1°50	9°42	27°39	19°24	14°59	9°13	2° 9	16°47	11° 2	12°12	9° 4	n.a.	M17
T 18	3 9 32	17°14'42	18°27	3°20	10°55	28°10	19°34	14°54	9°17	2° 9	16°45	11°R 3	12° 9	9°10	n.a.	T 18
W19	3 13 29	18°16'00	1♍55	4°51	12° 9	28°41	19°43	14°49	9°20	2° 9	16°44	11° 2	12° 6	9°17	n.a.	W19
T 20	3 17 25	19°17'18	15°49	6°21	13°23	29°11	19°53	14°44	9°24	2° 8	16°43	11° 0	12° 3	9°24	n.a.	T 20
F 21	3 21 22	20°18'37	0♎10	7°52	14°36	29°42	20° 2	14°39	9°27	2° 8	16°42	10°58	12° 0	9°30	n.a.	F 21
S 22	3 25 18	21°19'56	14°54	9°24	15°50	0♍13	20°11	14°34	9°30	2° 8	16°41	10°55	11°57	9°37	n.a.	S 22
S 23	3 29 15	22°21'16	29°57	10°56	17° 4	0°43	20°21	14°29	9°34	2° 7	16°40	10°52	11°53	9°44	n.a.	S 23
M24	3 33 11	23°22'35	15♏ 9	12°28	18°17	1°13	20°30	14°24	9°37	2° 7	16°39	10°50	11°50	9°50	n.a.	M24
T 25	3 37 8	24°23'54	0♐22	14° 0	19°31	1°43	20°39	14°19	9°41	2° 7	16°37	10°49	11°47	9°57	n.a.	T 25
W26	3 41 4	25°25'14	15°24	15°33	20°45	2°13	20°47	14°15	9°44	2° 6	16°36	10°D49	11°44	10° 4	n.a.	W26
T 27	3 45 1	26°26'33	0♑ 8	17° 6	21°59	2°43	20°56	14°10	9°48	2° 6	16°35	10°50	11°41	10°10	n.a.	T 27
F 28	3 48 58	27°27'52	14°28	18°39	23°13	3°13	21° 5	14° 5	9°51	2° 5	16°34	10°51	11°38	10°17	n.a.	F 28
S 29	3 52 54	28°29'10	28°21	20°13	24°27	3°42	21°13	14° 0	9°55	2° 5	16°32	10°52	11°34	10°24	n.a.	S 29
S 30	3 56 51	29♏30'27	11♒46	21♏47	25♎41	4♍11	21♍21	13♉55	9♐58	2♌ 4	16♊31	10♊53	11♊31	10♉30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s37	25s31	3s11	1s47	2n16	5n39	1n53	17n 2	1n48	6n35	1n19	15n 6	1s58	22s12	0s 9	20n44	0n45	25n 9	1n59	22n33	22n44	11n19		n.a.
S 2	11 59	23 45	4 2	2 19	2 12	5 11	1 54	16 53	1 49	6 30	1 19	15 5	1 58	22 12	0 9	20 44	0 45	25 9	1 59	22 33	22 43	11 22		n.a.
M 3	12 20	20 48	4 40	2 54	2 6	4 43	1 55	16 43	1 50	6 26	1 19	15 3	1 57	22 13	0 9	20 44	0 45	25 9	1 59	22 32	22 43	11 25		n.a.
T 4	12 41	16 57	5 2	3 29	2 1	4 15	1 56	16 33	1 50	6 22	1 19	15 2	1 57	22 13	0 9	20 44	0 45	25 9	1 59	22 32	22 42	11 27		n.a.
W 5	13 3	12 26	5 11	4 5	1 55	3 46	1 57	16 23	1 51	6 18	1 19	15 1	1 57	22 14	0 9	20 44	0 45	25 9	1 59	22 31	22 42	11 30		n.a.
T 6	13 24	7 30	5 4	4 43	1 49	3 18	1 58	16 13	1 52	6 13	1 19	14 59	1 57	22 14	0 9	20 44	0 45	25 9	2 0	22 31	22 41	11 33		n.a.
F 7	13 44	2 21	4 45	5 20	1 43	2 49	1 58	16 3	1 53	6 9	1 20	14 58	1 57	22 15	0 9	20 44	0 45	25 9	2 0	22 30	22 41	11 36		n.a.
S 8	14 5	2n51	4 13	5 58	1 36	2 20	1 59	15 53	1 54	6 5	1 20	14 56	1 57	22 15	0 9	20 44	0 45	25 9	2 0	22 29	22 41	11 39		n.a.
S 9	14 25	7 56	3 30	6 37	1 30	1 51	1 59	15 43	1 54	6 1	1 20	14 55	1 57	22 16	0 9	20 44	0 45	25 9	2 0	22 28	22 40	11 42		n.a.
M10	14 45	12 43	2 39	7 16	1 23	1 22	2 0	15 33	1 55	5 57	1 20	14 54	1 57	22 16	0 9	20 44	0 46	25 9	2 0	22 27	22 40	11 45		n.a.
T 11	15 5	17 3	1 40	7 54	1 16	0 53	2 0	15 23	1 56	5 53	1 20	14 52	1 57	22 17	0 9	20 44	0 46	25 9	2 0	22 27	22 39	11 47		n.a.
W12	15 24	20 44	0 37	8 33	1 9	0 23	2 0	15 13	1 57	5 49	1 20	14 51	1 57	22 17	0 9	20 44	0 46	25 9	2 0	22 26	22 39	11 50		n.a.
T 13	15 43	23 33	0n29	9 12	1 2	0s 6	2 0	15 3	1 58	5 45	1 21	14 49	1 57	22 18	0 9	20 44	0 46	25 9	2 0	22 26	22 39	11 53		n.a.
F 14	16 2	25 22	1 33	9 51	0 55	0 36	2 0	14 53	1 58	5 42	1 21	14 48	1 57	22 18	0 9	20 44	0 46	25 9	2 0	22 27	22 38	11 56		n.a.
S 15	16 21	25 59	2 35	10 30	0 48	1 5	2 0	14 42	1 59	5 38	1 21	14 47	1 57	22 19	0 9	20 44	0 46	25 9	2 0	22 27	22 38	11 59		n.a.
S 16	16 39	25 19	3 30	11 9	0 40	1 35	2 0	14 32	2 0	5 34	1 21	14 45	1 57	22 19	0 9	20 44	0 46	25 9	2 1	22 27	22 37	12 2		n.a.
M17	16 57	23 21	4 17	11 47	0 33	2 4	2 0	14 22	2 1	5 30	1 21	14 44	1 57	22 20	0 9	20 44	0 46	25 9	2 1	22 27	22 37	12 4		n.a.
T 18	17 15	20 8	4 51	12 25	0 26	2 34	1 59	14 12	2 2	5 26	1 21	14 43	1 57	22 20	0 9	20 44	0 46	25 9	2 1	22 27	22 36	12 7		n.a.
W19	17 32	15 47	5 11	13 2	0 19	3 3	1 59	14 2	2 2	5 23	1 22	14 41	1 56	22 21	0 9	20 44	0 46	25 9	2 1	22 27	22 36	12 10		n.a.
T 20	17 50	10 29	5 14	13 40	0 12	3 33	1 58	13 51	2 3	5 19	1 22	14 40	1 56	22 21	0 9	20 44	0 46	25 9	2 1	22 27	22 36	12 13		n.a.
F 21	18 6	4 29	4 58	14 16	0 5	4 2	1 58	13 41	2 4	5 16	1 22	14 38	1 56	22 22	0 9	20 45	0 46	25 9	2 1	22 27	22 35	12 16		n.a.
S 22	18 23	1s57	4 22	14 53	0s 2	4 32	1 57	13 31	2 5	5 12	1 22	14 37	1 56	22 23	0 9	20 45	0 46	25 9	2 1	22 26	22 35	12 19		n.a.
S 23	18 39	8 24	3 27	15 29	0 9	5 1	1 56	13 21	2 6	5 9	1 22	14 36	1 56	22 23	0 9	20 45	0 46	25 9	2 1	22 26	22 34	12 21		n.a.
M24	18 55	14 27	2 17	16 4	0 15	5 30	1 55	13 11	2 7	5 5	1 23	14 34	1 56	22 24	0 9	20 45	0 46	25 9	2 1	22 26	22 34	12 24		n.a.
T 25	19 10	19 37	0 58	16 38	0 22	6 0	1 55	13 1	2 8	5 2	1 23	14 33	1 56	22 24	0 9	20 45	0 46	25 9	2 1	22 25	22 33	12 27		n.a.
W26	19 25	23 26	0s25	17 12	0 28	6 29	1 53	12 50	2 8	4 58	1 23	14 32	1 56	22 25	0 9	20 45	0 46	25 9	2 1	22 25	22 33	12 30		n.a.
T 27	19 40	25 34	1 45	17 46	0 35	6 58	1 52	12 40	2 9	4 55	1 23	14 30	1 56	22 25	0 9	20 45	0 46	25 9	2 2	22 25	22 33	12 33		n.a.
F 28	19 54	25 56	2 56	18 18	0 41	7 26	1 51	12 30	2 10	4 52	1 23	14 29	1 55	22 26	0 9	20 45	0 46	25 9	2 2	22 26	22 32	12 36		n.a.
S 29	20 8	24 38	3 54	18 50	0 47	7 55	1 50	12 20	2 11	4 49	1 24	14 28	1 55	22 26	0 9	20 46	0 46	25 9	2 2	22 26	22 32	12 38		n.a.
S 30	20s22	21s58	4s37	19s21	0s53	8s24	1n49	12n10	2n12	4n46	1n24	14n26	1s55	22s27	0s 9	20n46	0n46	25n 9	2n 2	22n26	22n31	12n41		n.a.

Julian Day Number = 1344424.5, Delta T = 07h12m52s
Ecliptic obliquity = 23°49'08, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'29, Lahiri = -18°12'28 Julian Calendar 1 Nov. 1033 BCE == Greg. Calendar 22 Oct. 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1033 BCE
geocentric

DECEMBER 1033 BCE (-1032) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 0 47	0♐31'44	24♒47	23♏22	26♎55	4♍41	21♍30	13°R51	10♐ 2	2°R 4	16°R30	10°R53	11♊28	10♉37	n.a.	M 1
T 2	4 4 44	1°33'00	7♓25	24°57	28° 9	5° 9	21°38	13♉46	10° 5	2♌ 3	16♊29	10♊53	11°25	10°44	n.a.	T 2
W 3	4 8 40	2°34'16	19°45	26°32	29°23	5°38	21°46	13°42	10° 9	2° 3	16°27	10°53	11°22	10°50	n.a.	W 3
T 4	4 12 37	3°35'31	1♈51	28° 8	0♏37	6° 7	21°53	13°37	10°12	2° 2	16°26	10°52	11°18	10°57	n.a.	T 4
F 5	4 16 34	4°36'45	13°48	29°44	1°51	6°35	22° 1	13°32	10°16	2° 1	16°25	10°51	11°15	11° 4	n.a.	F 5
S 6	4 20 30	5°37'58	25°39	1♐20	3° 5	7° 4	22° 9	13°28	10°19	2° 0	16°23	10°50	11°12	11°10	n.a.	S 6
S 7	4 24 27	6°39'10	7♉28	2°57	4°19	7°32	22°16	13°24	10°23	2° 0	16°22	10°50	11° 9	11°17	n.a.	S 7
M 8	4 28 23	7°40'22	19°17	4°35	5°33	7°59	22°23	13°19	10°27	1°59	16°21	10°49	11° 6	11°24	n.a.	M 8
T 9	4 32 20	8°41'33	1♊ 9	6°13	6°47	8°27	22°30	13°15	10°30	1°58	16°20	10°49	11° 3	11°30	n.a.	T 9
W10	4 36 16	9°42'44	13° 6	7°52	8° 1	8°55	22°37	13°11	10°34	1°57	16°18	10°D49	10°59	11°37	n.a.	W10
T 11	4 40 13	10°43'53	25°10	9°31	9°16	9°22	22°44	13° 7	10°37	1°56	16°17	10°R49	10°56	11°44	n.a.	T 11
F 12	4 44 9	11°45'03	7♋23	11°10	10°30	9°49	22°51	13° 3	10°41	1°55	16°16	10°49	10°53	11°50	n.a.	F 12
S 13	4 48 6	12°46'11	19°46	12°51	11°44	10°16	22°57	12°59	10°44	1°55	16°14	10°49	10°50	11°57	n.a.	S 13
S 14	4 52 3	13°47'19	2♌22	14°31	12°58	10°42	23° 4	12°55	10°48	1°54	16°13	10°49	10°47	12° 4	n.a.	S 14
M15	4 55 59	14°48'26	15°12	16°13	14°12	11° 9	23°10	12°51	10°51	1°53	16°12	10°48	10°44	12°10	n.a.	M15
T 16	4 59 56	15°49'32	28°19	17°54	15°27	11°35	23°16	12°47	10°55	1°52	16°10	10°48	10°40	12°17	n.a.	T 16
W17	5 3 52	16°50'37	11♍44	19°37	16°41	12° 1	23°22	12°43	10°59	1°50	16° 9	10°D47	10°37	12°24	n.a.	W17
T 18	5 7 49	17°51'42	25°28	21°20	17°55	12°27	23°28	12°40	11° 2	1°49	16° 8	10°47	10°34	12°30	n.a.	T 18
F 19	5 11 45	18°52'46	9♎32	23° 3	19°10	12°52	23°33	12°36	11° 6	1°48	16° 6	10°48	10°31	12°37	n.a.	F 19
S 20	5 15 42	19°53'50	23°56	24°47	20°24	13°17	23°39	12°33	11° 9	1°47	16° 5	10°49	10°28	12°44	n.a.	S 20
S 21	5 19 39	20°54'52	8♏36	26°32	21°38	13°42	23°44	12°29	11°13	1°46	16° 4	10°49	10°24	12°50	n.a.	S 21
M22	5 23 35	21°55'54	23°27	28°17	22°53	14° 7	23°49	12°26	11°16	1°45	16° 2	10°50	10°21	12°57	n.a.	M22
T 23	5 27 32	22°56'55	8♐22	0♑ 2	24° 7	14°31	23°54	12°23	11°20	1°44	16° 1	10°R51	10°18	13° 4	n.a.	T 23
W24	5 31 28	23°57'54	23°14	1°48	25°21	14°55	23°59	12°20	11°23	1°42	16° 0	10°50	10°15	13°10	n.a.	W24
T 25	5 35 25	24°58'53	7♑55	3°34	26°36	15°19	24° 4	12°17	11°27	1°41	15°58	10°49	10°12	13°17	n.a.	T 25
F 26	5 39 21	25°59'50	22°18	5°20	27°50	15°43	24° 8	12°14	11°30	1°40	15°57	10°48	10° 9	13°24	n.a.	F 26
S 27	5 43 18	27° 0'45	6♒18	7° 6	29° 4	16° 6	24°13	12°11	11°34	1°39	15°56	10°45	10° 5	13°30	n.a.	S 27
S 28	5 47 14	28° 1'39	19°52	8°52	0♐19	16°29	24°17	12° 8	11°37	1°37	15°54	10°43	10° 2	13°37	n.a.	S 28
M29	5 51 11	29° 2'32	3♓ 1	10°37	1°33	16°52	24°21	12° 6	11°41	1°36	15°53	10°41	9°59	13°44	n.a.	M29
T 30	5 55 8	0♑ 3'22	15°45	12°23	2°47	17°14	24°24	12° 3	11°44	1°35	15°52	10°39	9°56	13°50	n.a.	T 30
W31	5 59 4	1♑ 4'11	28♓ 9	14♑ 7	4♐ 2	17♍36	24♍28	12♉ 1	11♐47	1♌33	15♊51	10°D39	9♊53	13♉57	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s35	18s15	5s 5	19s51	0s59	8s52	1n47	12n 0	2n13	4n43	1n24	14n25	1s55	22s27	0s 9	20n46	0n46	25n 9	2n 2	22n26	22n31	12n44		n.a.
T 2	20 48	13 48	5 17	20 21	1 4	9 20	1 46	11 50	2 14	4 40	1 24	14 24	1 55	22 28	0 9	20 46	0 46	25 9	2 2	22 26	22 30	12 47		n.a.
W 3	21 0	8 55	5 14	20 49	1 10	9 48	1 44	11 40	2 15	4 37	1 25	14 23	1 55	22 28	0 9	20 46	0 46	25 8	2 2	22 26	22 30	12 50		n.a.
T 4	21 12	3 46	4 56	21 17	1 15	10 16	1 43	11 30	2 15	4 34	1 25	14 21	1 54	22 29	0 9	20 46	0 46	25 8	2 2	22 26	22 29	12 52		n.a.
F 5	21 24	1n27	4 27	21 43	1 20	10 44	1 41	11 20	2 16	4 31	1 25	14 20	1 54	22 29	0 9	20 47	0 46	25 8	2 2	22 26	22 29	12 55		n.a.
S 6	21 35	6 34	3 46	22 8	1 25	11 11	1 39	11 11	2 17	4 28	1 25	14 19	1 54	22 30	0 9	20 47	0 46	25 8	2 2	22 26	22 29	12 58		n.a.
S 7	21 46	11 28	2 55	22 33	1 30	11 38	1 37	11 1	2 18	4 25	1 25	14 18	1 54	22 31	0 9	20 47	0 47	25 8	2 2	22 25	22 28	13 1		n.a.
M 8	21 56	15 57	1 57	22 56	1 34	12 5	1 35	10 51	2 19	4 22	1 26	14 17	1 54	22 31	0 9	20 47	0 47	25 8	2 2	22 25	22 28	13 4		n.a.
T 9	22 6	19 50	0 54	23 18	1 38	12 31	1 34	10 41	2 20	4 20	1 26	14 16	1 54	22 32	0 9	20 47	0 47	25 8	2 3	22 25	22 27	13 6		n.a.
W10	22 16	22 56	0n13	23 38	1 42	12 58	1 32	10 32	2 21	4 17	1 26	14 15	1 53	22 32	0 9	20 48	0 47	25 8	2 3	22 25	22 27	13 9		n.a.
T 11	22 25	25 3	1 19	23 58	1 45	13 24	1 30	10 22	2 22	4 15	1 26	14 14	1 53	22 33	0 9	20 48	0 47	25 8	2 3	22 25	22 26	13 12		n.a.
F 12	22 33	25 59	2 22	24 16	1 48	13 49	1 28	10 13	2 23	4 12	1 27	14 12	1 53	22 33	0 9	20 48	0 47	25 8	2 3	22 25	22 26	13 15		n.a.
S 13	22 41	25 38	3 20	24 32	1 51	14 15	1 25	10 3	2 24	4 10	1 27	14 11	1 53	22 34	0 9	20 48	0 47	25 8	2 3	22 25	22 25	13 18		n.a.
S 14	22 49	23 59	4 9	24 47	1 54	14 39	1 23	9 54	2 25	4 8	1 27	14 10	1 53	22 34	0 9	20 49	0 47	25 8	2 3	22 25	22 25	13 20		n.a.
M15	22 56	21 5	4 47	25 1	1 56	15 4	1 21	9 44	2 26	4 5	1 27	14 9	1 52	22 35	0 9	20 49	0 47	25 8	2 3	22 25	22 25	13 23		n.a.
T 16	23 3	17 5	5 10	25 13	1 58	15 28	1 19	9 35	2 27	4 3	1 28	14 8	1 52	22 35	0 9	20 49	0 47	25 8	2 3	22 25	22 24	13 26		n.a.
W17	23 9	12 9	5 18	25 23	2 0	15 52	1 16	9 26	2 28	4 1	1 28	14 8	1 52	22 36	0 9	20 49	0 47	25 8	2 3	22 25	22 24	13 29		n.a.
T 18	23 15	6 31	5 7	25 32	2 1	16 15	1 14	9 17	2 29	3 59	1 28	14 7	1 52	22 36	0 9	20 50	0 47	25 8	2 3	22 25	22 23	13 32		n.a.
F 19	23 21	0 25	4 39	25 39	2 1	16 38	1 12	9 8	2 30	3 57	1 28	14 6	1 52	22 37	0 9	20 50	0 47	25 7	2 3	22 25	22 23	13 34		n.a.
S 20	23 26	5s50	3 52	25 44	2 1	17 1	1 9	8 59	2 31	3 55	1 29	14 5	1 51	22 37	0 9	20 50	0 47	25 7	2 3	22 25	22 22	13 37		n.a.
S 21	23 30	11 55	2 50	25 47	2 1	17 23	1 7	8 50	2 32	3 53	1 29	14 4	1 51	22 38	0 9	20 51	0 47	25 7	2 3	22 25	22 22	13 40		n.a.
M22	23 34	17 24	1 35	25 49	2 0	17 45	1 4	8 41	2 33	3 51	1 29	14 3	1 51	22 38	0 9	20 51	0 47	25 7	2 3	22 25	22 21	13 43		n.a.
T 23	23 38	21 49	0 14	25 48	1 59	18 6	1 2	8 33	2 34	3 49	1 29	14 3	1 51	22 39	0 9	20 51	0 47	25 7	2 4	22 26	22 21	13 45		n.a.
W24	23 41	24 47	1s 8	25 46	1 57	18 27	0 59	8 24	2 35	3 48	1 30	14 2	1 50	22 39	0 9	20 51	0 47	25 7	2 4	22 26	22 20	13 48		n.a.
T 25	23 43	25 59	2 25	25 41	1 55	18 47	0 57	8 16	2 36	3 46	1 30	14 1	1 50	22 40	0 9	20 52	0 47	25 7	2 4	22 25	22 20	13 51		n.a.
F 26	23 45	25 23	3 30	25 34	1 52	19 7	0 54	8 7	2 37	3 44	1 30	14 0	1 50	22 40	0 9	20 52	0 47	25 7	2 4	22 25	22 19	13 54		n.a.
S 27	23 47	23 12	4 21	25 25	1 48	19 26	0 52	7 59	2 38	3 43	1 30	14 0	1 50	22 41	0 9	20 52	0 47	25 7	2 4	22 25	22 19	13 57		n.a.
S 28	23 48	19 45	4 55	25 14	1 44	19 44	0 49	7 51	2 39	3 42	1 31	13 59	1 49	22 41	0 9	20 53	0 47	25 7	2 4	22 24	22 18	13 59		n.a.
M29	23 49	15 25	5 13	25 1	1 39	20 3	0 46	7 43	2 40	3 40	1 31	13 59	1 49	22 42	0 9	20 53	0 47	25 7	2 4	22 24	22 18	14 2		n.a.
T 30	23 49	10 31	5 15	24 46	1 33	20 20	0 44	7 35	2 41	3 39	1 31	13 58	1 49	22 42	0 9	20 53	0 47	25 7	2 4	22 24	22 18	14 5		n.a.
W31	23s49	5s21	5s 1	24s29	1s26	20s37	0n41	7n27	2n42	3n38	1n32	13n58	1s49	22s43	0s 9	20n54	0n47	25n 6	2n 4	22n24	22n17	14n 8		n.a.

Julian Day Number = 1344454.5, Delta T = 07h12m51s
Ecliptic obliquity = 23°49'08, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'25, Lahiri = -18°12'24 Julian Calendar 1 Dec. 1033 BCE == Greg. Calendar 21 Nov. 1033 BCE

The year -1032 astronomical counting style corresponds to year 1033 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

JANUARY 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 1	2♉ 4'59	10♈16	15♉50	5♐16	17♍58	24♍31	11°R59	11♐51	1°R32	15°R49	10♊39	9♊50	14♉ 4	n.a.	T 1
F 2	6 6 57	3° 5'44	22°13	17°31	6°30	18°19	24°35	11♉56	11°54	1♌31	15♊48	10°40	9°46	14°10	n.a.	F 2
S 3	6 10 54	4° 6'28	4♉ 2	19°11	7°45	18°40	24°38	11°54	11°58	1°29	15°47	10°42	9°43	14°17	n.a.	S 3
S 4	6 14 50	5° 7'10	15°50	20°49	8°59	19° 1	24°41	11°52	12° 1	1°28	15°46	10°43	9°40	14°23	n.a.	S 4
M 5	6 18 47	6° 7'50	27°40	22°23	10°13	19°21	24°43	11°50	12° 4	1°26	15°44	10°45	9°37	14°30	n.a.	M 5
T 6	6 22 43	7° 8'28	9♊36	23°55	11°28	19°41	24°46	11°49	12° 8	1°25	15°43	10°R46	9°34	14°37	n.a.	T 6
W 7	6 26 40	8° 9'05	21°42	25°22	12°42	20° 1	24°48	11°47	12°11	1°23	15°42	10°45	9°30	14°43	n.a.	W 7
T 8	6 30 37	9° 9'40	3♋58	26°45	13°56	20°20	24°50	11°45	12°14	1°22	15°41	10°43	9°27	14°50	n.a.	T 8
F 9	6 34 33	10°10'13	16°28	28° 2	15°11	20°39	24°52	11°44	12°17	1°20	15°39	10°40	9°24	14°57	n.a.	F 9
S 10	6 38 30	11°10'45	29°11	29°14	16°25	20°57	24°54	11°43	12°21	1°19	15°38	10°35	9°21	15° 3	n.a.	S 10
S 11	6 42 26	12°11'15	12♌ 7	0♒19	17°39	21°15	24°56	11°41	12°24	1°17	15°37	10°30	9°18	15°10	n.a.	S 11
M12	6 46 23	13°11'43	25°17	1°16	18°54	21°33	24°57	11°40	12°27	1°16	15°36	10°24	9°15	15°17	n.a.	M12
T 13	6 50 19	14°12'10	8♍40	2° 6	20° 8	21°50	24°59	11°39	12°30	1°14	15°35	10°19	9°11	15°23	n.a.	T 13
W14	6 54 16	15°12'35	22°14	2°47	21°22	22° 6	25° 0	11°38	12°33	1°12	15°34	10°16	9° 8	15°30	n.a.	W14
T 15	6 58 13	16°12'59	6♎ 1	3°18	22°37	22°23	25° 0	11°38	12°36	1°11	15°33	10°14	9° 5	15°37	n.a.	T 15
F 16	7 2 9	17°13'21	19°59	3°41	23°51	22°39	25° 1	11°37	12°40	1° 9	15°31	10°D13	9° 2	15°43	n.a.	F 16
S 17	7 6 6	18°13'41	4♏ 7	3°53	25° 5	22°54	25° 2	11°36	12°43	1° 8	15°30	10°14	8°59	15°50	n.a.	S 17
S 18	7 10 2	19°14'00	18°25	3°R55	26°19	23° 9	25° 2	11°36	12°46	1° 6	15°29	10°15	8°56	15°57	n.a.	S 18
M19	7 13 59	20°14'17	2♐50	3°48	27°34	23°23	25°R 2	11°36	12°49	1° 4	15°28	10°R17	8°52	16° 3	n.a.	M19
T 20	7 17 55	21°14'33	17°18	3°31	28°48	23°37	25° 2	11°35	12°52	1° 3	15°27	10°17	8°49	16°10	n.a.	T 20
W21	7 21 52	22°14'47	1♑46	3° 5	0♑ 2	23°51	25° 2	11°D35	12°55	1° 1	15°26	10°15	8°46	16°17	n.a.	W21
T 22	7 25 48	23°14'59	16° 7	2°30	1°17	24° 3	25° 1	11°35	12°58	1° 0	15°25	10°11	8°43	16°23	n.a.	T 22
F 23	7 29 45	24°15'10	0♒16	1°48	2°31	24°16	25° 1	11°35	13° 0	0°58	15°24	10° 5	8°40	16°30	n.a.	F 23
S 24	7 33 42	25°15'18	14° 9	0°59	3°45	24°27	25° 0	11°36	13° 3	0°56	15°23	9°57	8°36	16°37	n.a.	S 24
S 25	7 37 38	26°15'24	27°41	0° 5	4°59	24°39	24°59	11°36	13° 6	0°55	15°22	9°49	8°33	16°43	n.a.	S 25
M26	7 41 35	27°15'28	10♓50	29♑ 7	6°14	24°49	24°57	11°36	13° 9	0°53	15°21	9°41	8°30	16°50	n.a.	M26
T 27	7 45 31	28°15'29	23°37	28° 6	7°28	24°59	24°56	11°37	13°12	0°51	15°20	9°35	8°27	16°57	n.a.	T 27
W28	7 49 28	29°15'28	6♈ 4	27° 5	8°42	25° 9	24°54	11°38	13°14	0°50	15°19	9°30	8°24	17° 3	n.a.	W28
T 29	7 53 24	0♒15'25	18°14	26° 4	9°56	25°18	24°53	11°39	13°17	0°48	15°18	9°27	8°21	17°10	n.a.	T 29
F 30	7 57 21	1°15'19	0♉11	25° 5	11°11	25°26	24°51	11°39	13°20	0°46	15°18	9°D26	8°17	17°17	n.a.	F 30
S 31	8 1 17	2♒15'12	12♉ 1	24♑ 9	12♑25	25♍34	24♍49	11♉41	13♐22	0♌45	15♊17	9♊26	8♊14	17♉23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	23s48	0s 4	4s35	24s10	1s19	20s54	0n38	7n20	2n43	3n37	1n32	13n57	1s48	22s43	0s 9	20n54	0n47	25n 6	2n 4	22n24		22n17		14n10			n.a.
F 2	23 47	5n 8	3 57	23 49	1 11	21 9	0 36	7 12	2 44	3 36	1 32	13 57	1 48	22 44	0 9	20 54	0 47	25 6	2 4	22 24		22 16		14 13			n.a.
S 3	23 45	10 6	3 9	23 27	1 2	21 25	0 33	7 5	2 45	3 35	1 32	13 56	1 48	22 44	0 9	20 55	0 47	25 6	2 4	22 24		22 16		14 16			n.a.
S 4	23 43	14 43	2 13	23 2	0 52	21 39	0 30	6 57	2 46	3 34	1 33	13 56	1 48	22 45	0 9	20 55	0 47	25 6	2 4	22 25		22 15		14 19			n.a.
M 5	23 40	18 48	1 11	22 36	0 41	21 53	0 27	6 50	2 47	3 33	1 33	13 56	1 47	22 45	0 9	20 55	0 47	25 6	2 4	22 25		22 15		14 21			n.a.
T 6	23 37	22 8	0 6	22 9	0 30	22 6	0 25	6 43	2 48	3 32	1 33	13 55	1 47	22 46	0 9	20 56	0 47	25 6	2 4	22 25		22 14		14 24			n.a.
W 7	23 34	24 33	1n 0	21 41	0 18	22 19	0 22	6 36	2 49	3 31	1 34	13 55	1 47	22 46	0 9	20 56	0 47	25 6	2 4	22 25		22 14		14 27			n.a.
T 8	23 30	25 49	2 4	21 13	0 5	22 31	0 19	6 30	2 50	3 31	1 34	13 55	1 47	22 46	0 9	20 57	0 47	25 6	2 4	22 24		22 13		14 30			n.a.
F 9	23 25	25 49	3 3	20 44	0n 9	22 42	0 16	6 23	2 52	3 30	1 34	13 55	1 46	22 47	0 9	20 57	0 47	25 6	2 4	22 24		22 13		14 32			n.a.
S 10	23 20	24 28	3 55	20 15	0 24	22 53	0 14	6 17	2 53	3 30	1 34	13 54	1 46	22 47	0 9	20 57	0 47	25 6	2 5	22 23		22 12		14 35			n.a.
S 11	23 15	21 49	4 35	19 46	0 39	23 3	0 11	6 11	2 54	3 29	1 35	13 54	1 46	22 48	0 9	20 58	0 48	25 6	2 5	22 23		22 12		14 38			n.a.
M12	23 9	18 0	5 1	19 18	0 55	23 13	0 8	6 4	2 55	3 29	1 35	13 54	1 46	22 48	0 9	20 58	0 48	25 5	2 5	22 22		22 11		14 40			n.a.
T 13	23 3	13 15	5 12	18 51	1 11	23 21	0 6	5 59	2 56	3 29	1 35	13 54	1 45	22 49	0 9	20 58	0 48	25 5	2 5	22 21		22 11		14 43			n.a.
W14	22 56	7 47	5 5	18 26	1 27	23 29	0 3	5 53	2 57	3 29	1 35	13 54	1 45	22 49	0 9	20 59	0 48	25 5	2 5	22 20		22 10		14 46			n.a.
T 15	22 49	1 52	4 41	18 3	1 44	23 36	0 0	5 47	2 58	3 28	1 36	13 54	1 45	22 49	0 10	20 59	0 48	25 5	2 5	22 20		22 10		14 49			n.a.
F 16	22 41	4s14	4 0	17 42	2 0	23 43	0s 2	5 42	2 59	3 28	1 36	13 54	1 44	22 50	0 10	21 0	0 48	25 5	2 5	22 20		22 9		14 51			n.a.
S 17	22 33	10 13	3 4	17 23	2 16	23 49	0 5	5 37	3 0	3 28	1 36	13 54	1 44	22 50	0 10	21 0	0 48	25 5	2 5	22 20		22 9		14 54			n.a.
S 18	22 25	15 43	1 56	17 7	2 32	23 54	0 8	5 32	3 1	3 29	1 37	13 54	1 44	22 51	0 10	21 0	0 48	25 5	2 5	22 20		22 8		14 57			n.a.
M19	22 16	20 24	0 40	16 54	2 47	23 58	0 10	5 27	3 2	3 29	1 37	13 55	1 44	22 51	0 10	21 1	0 48	25 5	2 5	22 21		22 8		15 0			n.a.
T 20	22 7	23 50	0s38	16 45	3 1	24 2	0 13	5 22	3 3	3 29	1 37	13 55	1 43	22 52	0 10	21 1	0 48	25 5	2 5	22 21		22 7		15 2			n.a.
W21	21 57	25 42	1 54	16 38	3 14	24 5	0 16	5 18	3 5	3 29	1 37	13 55	1 43	22 52	0 10	21 1	0 48	25 5	2 5	22 20		22 7		15 5			n.a.
T 22	21 47	25 50	3 2	16 35	3 25	24 7	0 18	5 14	3 6	3 30	1 38	13 55	1 43	22 52	0 10	21 2	0 48	25 5	2 5	22 20		22 6		15 8			n.a.
F 23	21 36	24 16	3 57	16 35	3 35	24 8	0 21	5 10	3 7	3 30	1 38	13 56	1 43	22 53	0 10	21 2	0 48	25 5	2 5	22 19		22 6		15 10			n.a.
S 24	21 25	21 16	4 38	16 38	3 43	24 9	0 23	5 6	3 8	3 31	1 38	13 56	1 42	22 53	0 10	21 3	0 48	25 5	2 5	22 18		22 5		15 13			n.a.
S 25	21 14	17 10	5 1	16 44	3 48	24 9	0 26	5 2	3 9	3 32	1 38	13 56	1 42	22 53	0 10	21 3	0 48	25 4	2 5	22 17		22 5		15 16			n.a.
M26	21 2	12 21	5 8	16 53	3 52	24 8	0 28	4 59	3 10	3 32	1 39	13 57	1 42	22 54	0 10	21 3	0 48	25 4	2 5	22 15		22 4		15 18			n.a.
T 27	20 50	7 8	4 59	17 3	3 54	24 7	0 30	4 56	3 11	3 33	1 39	13 57	1 41	22 54	0 10	21 4	0 48	25 4	2 5	22 14		22 4		15 21			n.a.
W28	20 38	1 46	4 36	17 16	3 53	24 4	0 33	4 53	3 12	3 34	1 39	13 58	1 41	22 55	0 10	21 4	0 48	25 4	2 5	22 14		22 3		15 24			n.a.
T 29	20 25	3n33	4 1	17 30	3 51	24 1	0 35	4 51	3 13	3 35	1 40	13 58	1 41	22 55	0 10	21 5	0 48	25 4	2 5	22 13		22 3		15 26			n.a.
F 30	20 12	8 40	3 16	17 45	3 46	23 58	0 37	4 48	3 14	3 36	1 40	13 59	1 41	22 55	0 10	21 5	0 48	25 4	2 5	22 13		22 2		15 29			n.a.
S 31	19s58	13n26	2s22	18s 1	3n40	23s53	0s40	4n46	3n15	3n37	1n40	13n59	1s40	22s56	0s10	21n 5	0n48	25n 4	2n 5	22n13		22n 2		15n32			n.a.

Julian Day Number = 1344485.5, Delta T = 07h12m49s
Ecliptic obliquity = 23°49'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'21, Lahiri = -18°12'20 Julian Calendar 1 Jan. 1032 BCE == Greg. Calendar 22 Dec. 1033 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

FEBRUARY 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 5 14	3♒15'01	23♉49	23°R16	13♏39	25♍41	24°R46	11♉42	13♐25	0°R43	15°R16	9♊28	8♊11	17♉30	n.a.	S 1
M 2	8 9 10	4°14'49	5♊41	22♏29	14°53	25°47	24♍44	11°43	13°28	0♌41	15♊15	9°R28	8° 8	17°37	n.a.	M 2
T 3	8 13 7	5°14'34	17°41	21°47	16° 7	25°53	24°41	11°44	13°30	0°40	15°14	9°28	8° 5	17°43	n.a.	T 3
W 4	8 17 4	6°14'17	29°53	21°10	17°22	25°58	24°38	11°46	13°33	0°38	15°14	9°26	8° 2	17°50	n.a.	W 4
T 5	8 21 0	7°13'58	12♋20	20°40	18°36	26° 2	24°35	11°47	13°35	0°36	15°13	9°21	7°58	17°57	n.a.	T 5
F 6	8 24 57	8°13'36	25° 5	20°17	19°50	26° 6	24°32	11°49	13°38	0°35	15°12	9°14	7°55	18° 3	n.a.	F 6
S 7	8 28 53	9°13'12	8♌ 9	20° 0	21° 4	26° 9	24°28	11°51	13°40	0°33	15°11	9° 5	7°52	18°10	n.a.	S 7
S 8	8 32 50	10°12'46	21°29	19°49	22°18	26°11	24°25	11°53	13°42	0°31	15°11	8°55	7°49	18°17	n.a.	S 8
M 9	8 36 46	11°12'18	5♍ 5	19°D44	23°32	26°13	24°21	11°55	13°45	0°30	15°10	8°44	7°46	18°23	n.a.	M 9
T 10	8 40 43	12°11'47	18°52	19°46	24°46	26°14	24°17	11°57	13°47	0°28	15° 9	8°34	7°42	18°30	n.a.	T 10
W11	8 44 39	13°11'15	2♎49	19°53	26° 1	26°R14	24°13	11°59	13°49	0°26	15° 9	8°26	7°39	18°36	n.a.	W11
T 12	8 48 36	14°10'41	16°50	20° 5	27°15	26°14	24° 9	12° 2	13°51	0°25	15° 8	8°21	7°36	18°43	n.a.	T 12
F 13	8 52 33	15°10'04	0♏55	20°23	28°29	26°12	24° 4	12° 4	13°53	0°23	15° 8	8°18	7°33	18°50	n.a.	F 13
S 14	8 56 29	16° 9'26	15° 2	20°47	29°43	26°10	24° 0	12° 7	13°56	0°22	15° 7	8°D17	7°30	18°56	n.a.	S 14
S 15	9 0 26	17° 8'47	29° 9	21°14	0♒57	26° 8	23°55	12° 9	13°58	0°20	15° 6	8°17	7°27	19° 3	n.a.	S 15
M16	9 4 22	18° 8'05	13♐15	21°46	2°11	26° 4	23°50	12°12	14° 0	0°18	15° 6	8°R18	7°23	19°10	n.a.	M16
T 17	9 8 19	19° 7'21	27°19	22°23	3°25	26° 0	23°45	12°15	14° 2	0°17	15° 6	8°16	7°20	19°16	n.a.	T 17
W18	9 12 15	20° 6'36	11♑20	23° 3	4°39	25°55	23°40	12°18	14° 4	0°15	15° 5	8°13	7°17	19°23	n.a.	W18
T 19	9 16 12	21° 5'48	25°14	23°47	5°53	25°49	23°35	12°21	14° 5	0°14	15° 5	8° 6	7°14	19°30	n.a.	T 19
F 20	9 20 8	22° 4'59	9♒ 0	24°35	7° 8	25°42	23°29	12°24	14° 7	0°12	15° 4	7°57	7°11	19°36	n.a.	F 20
S 21	9 24 5	23° 4'07	22°32	25°26	8°22	25°34	23°24	12°27	14° 9	0°11	15° 4	7°45	7° 8	19°43	n.a.	S 21
S 22	9 28 2	24° 3'13	5♓50	26°20	9°36	25°26	23°18	12°31	14°11	0° 9	15° 3	7°33	7° 4	19°50	n.a.	S 22
M23	9 31 58	25° 2'17	18°49	27°17	10°50	25°17	23°12	12°34	14°13	0° 8	15° 3	7°20	7° 1	19°56	n.a.	M23
T 24	9 35 55	26° 1'18	1♈31	28°17	12° 4	25° 7	23° 6	12°38	14°14	0° 6	15° 3	7° 9	6°58	20° 3	n.a.	T 24
W25	9 39 51	27° 0'17	13°55	29°20	13°18	24°57	23° 0	12°41	14°16	0° 5	15° 3	7° 0	6°55	20°10	n.a.	W25
T 26	9 43 48	27°59'14	26° 3	0♒25	14°32	24°46	22°54	12°45	14°17	0° 3	15° 2	6°54	6°52	20°16	n.a.	T 26
F 27	9 47 44	28°58'09	8♉ 0	1°33	15°46	24°34	22°47	12°49	14°19	0° 2	15° 2	6°50	6°48	20°23	n.a.	F 27
S 28	9 51 41	29♒57'01	19♉51	2♒42	17♒ 0	24♍21	22♍41	12♉53	14♐20	0♌ 1	15♊ 2	6♊49	6♊45	20♉30	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s44	17n41	1s23	18s18	3n32	23s48	0s42	4n44	3n16	3n38	1n40	14n 0	1s40	22s56	0s10	21n 6	0n48	25n 4	2n 5	22n13	22n 1	15n35		n.a.
M 2	19 30	21 16	0 20	18 35	3 22	23 42	0 44	4 42	3 17	3 40	1 41	14 0	1 40	22 56	0 10	21 6	0 48	25 4	2 5	22 13	22 1	15 37		n.a.
T 3	19 15	23 58	0n44	18 52	3 12	23 35	0 46	4 41	3 18	3 41	1 41	14 1	1 40	22 57	0 10	21 6	0 48	25 4	2 5	22 13	22 0	15 40		n.a.
W 4	19 1	25 36	1 47	19 9	3 0	23 28	0 48	4 40	3 19	3 42	1 41	14 2	1 39	22 57	0 10	21 7	0 48	25 4	2 5	22 13	22 0	15 43		n.a.
T 5	18 45	26 0	2 47	19 26	2 48	23 20	0 50	4 39	3 20	3 44	1 41	14 3	1 39	22 57	0 10	21 7	0 48	25 4	2 5	22 12	21 59	15 45		n.a.
F 6	18 30	25 2	3 39	19 43	2 35	23 11	0 52	4 38	3 21	3 45	1 42	14 3	1 39	22 58	0 10	21 8	0 48	25 4	2 5	22 11	21 59	15 48		n.a.
S 7	18 14	22 43	4 21	19 58	2 21	23 2	0 54	4 38	3 22	3 47	1 42	14 4	1 39	22 58	0 10	21 8	0 48	25 4	2 6	22 10	21 58	15 51		n.a.
S 8	17 58	19 7	4 50	20 13	2 8	22 52	0 56	4 37	3 22	3 49	1 42	14 5	1 38	22 58	0 10	21 8	0 48	25 4	2 6	22 8	21 58	15 53		n.a.
M 9	17 41	14 29	5 3	20 28	1 54	22 41	0 58	4 38	3 23	3 50	1 42	14 6	1 38	22 58	0 10	21 9	0 48	25 3	2 6	22 6	21 57	15 56		n.a.
T 10	17 25	9 2	4 59	20 41	1 40	22 29	1 0	4 38	3 24	3 52	1 42	14 7	1 38	22 59	0 10	21 9	0 48	25 3	2 6	22 5	21 57	15 59		n.a.
W11	17 7	3 5	4 37	20 54	1 26	22 17	1 1	4 39	3 25	3 54	1 43	14 8	1 37	22 59	0 10	21 9	0 48	25 3	2 6	22 4	21 56	16 1		n.a.
T 12	16 50	3s 4	3 58	21 6	1 13	22 4	1 3	4 39	3 26	3 56	1 43	14 9	1 37	22 59	0 10	21 10	0 48	25 3	2 6	22 3	21 55	16 4		n.a.
F 13	16 33	9 6	3 5	21 16	0 59	21 51	1 5	4 41	3 26	3 58	1 43	14 10	1 37	23 0	0 10	21 10	0 48	25 3	2 6	22 2	21 55	16 6		n.a.
S 14	16 15	14 41	2 0	21 26	0 46	21 37	1 6	4 42	3 27	4 0	1 43	14 11	1 37	23 0	0 10	21 10	0 48	25 3	2 6	22 2	21 54	16 9		n.a.
S 15	15 57	19 30	0 49	21 34	0 33	21 22	1 8	4 44	3 28	4 2	1 44	14 12	1 36	23 0	0 10	21 11	0 48	25 3	2 6	22 2	21 54	16 12		n.a.
M16	15 38	23 11	0s26	21 41	0 20	21 7	1 9	4 46	3 28	4 4	1 44	14 13	1 36	23 0	0 10	21 11	0 48	25 3	2 6	22 2	21 53	16 14		n.a.
T 17	15 20	25 27	1 39	21 47	0 8	20 51	1 11	4 48	3 29	4 6	1 44	14 14	1 36	23 1	0 10	21 11	0 48	25 3	2 6	22 2	21 53	16 17		n.a.
W18	15 1	26 5	2 46	21 52	0s 3	20 34	1 12	4 51	3 29	4 8	1 44	14 15	1 36	23 1	0 10	21 12	0 48	25 3	2 6	22 1	21 52	16 20		n.a.
T 19	14 42	25 3	3 42	21 56	0 15	20 17	1 13	4 53	3 30	4 11	1 44	14 16	1 35	23 1	0 10	21 12	0 48	25 3	2 6	22 0	21 52	16 22		n.a.
F 20	14 22	22 32	4 24	21 58	0 26	19 59	1 15	4 56	3 30	4 13	1 44	14 18	1 35	23 1	0 10	21 12	0 48	25 3	2 6	21 59	21 51	16 25		n.a.
S 21	14 3	18 47	4 51	21 59	0 36	19 41	1 16	5 0	3 30	4 16	1 45	14 19	1 35	23 2	0 10	21 13	0 48	25 3	2 6	21 57	21 51	16 28		n.a.
S 22	13 43	14 10	5 1	21 58	0 46	19 22	1 17	5 3	3 31	4 18	1 45	14 20	1 35	23 2	0 10	21 13	0 48	25 3	2 6	21 55	21 50	16 30		n.a.
M23	13 23	9 0	4 55	21 57	0 56	19 2	1 18	5 7	3 31	4 21	1 45	14 22	1 34	23 2	0 10	21 13	0 48	25 3	2 6	21 53	21 50	16 33		n.a.
T 24	13 3	3 35	4 35	21 53	1 5	18 43	1 19	5 11	3 31	4 23	1 45	14 23	1 34	23 2	0 10	21 14	0 48	25 3	2 6	21 51	21 49	16 35		n.a.
W25	12 42	1n52	4 2	21 49	1 13	18 22	1 20	5 16	3 31	4 26	1 45	14 24	1 34	23 3	0 10	21 14	0 48	25 3	2 6	21 49	21 49	16 38		n.a.
T 26	12 22	7 9	3 18	21 42	1 21	18 1	1 21	5 20	3 31	4 28	1 45	14 26	1 34	23 3	0 10	21 14	0 48	25 3	2 6	21 48	21 48	16 41		n.a.
F 27	12 1	12 6	2 26	21 35	1 29	17 40	1 22	5 25	3 31	4 31	1 46	14 27	1 33	23 3	0 10	21 15	0 48	25 3	2 6	21 48	21 47	16 43		n.a.
S 28	11s40	16n33	1s29	21s26	1s36	17s18	1s22	5n30	3n31	4n34	1n46	14n28	1s33	23s 3	0s10	21n15	0n48	25n 3	2n 6	21n47	21n47	16n46		n.a.

Julian Day Number = 1344516.5, Delta T = 07h12m47s
Ecliptic obliquity = 23°49'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'16, Lahiri = -18°12'16 Julian Calendar 1 Feb. 1032 BCE == Greg. Calendar 22 Jan. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

MARCH 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 37	0♓55'50	1♊39	3♒55	18♒14	24°R 7	22°R34	12♉57	14♐22	29°R59	15°R 2	6°R48	6♊42	20♉36	n.a.	S 1
M 2	9 59 34	1°54'38	13°30	5° 9	19°28	23♍53	22♍28	13° 1	14°23	29♋58	15♊ 1	6♊48	6°39	20°43	n.a.	M 2
T 3	10 3 30	2°53'23	25°31	6°25	20°42	23°38	22°21	13° 5	14°25	29°56	15° 1	6°47	6°36	20°50	n.a.	T 3
W 4	10 7 27	3°52'05	7♋46	7°44	21°56	23°23	22°14	13°10	14°26	29°55	15° 1	6°45	6°33	20°56	n.a.	W 4
T 5	10 11 24	4°50'45	20°20	9° 4	23°10	23° 7	22° 7	13°14	14°27	29°54	15° 1	6°39	6°29	21° 3	n.a.	T 5
F 6	10 15 20	5°49'23	3♌15	10°26	24°24	22°50	22° 0	13°19	14°28	29°53	15° 1	6°31	6°26	21° 9	n.a.	F 6
S 7	10 19 17	6°47'59	16°33	11°50	25°38	22°33	21°53	13°23	14°29	29°51	15° 1	6°21	6°23	21°16	n.a.	S 7
S 8	10 23 13	7°46'33	0♍14	13°16	26°52	22°15	21°46	13°28	14°31	29°50	15°D 1	6° 9	6°20	21°23	n.a.	S 8
M 9	10 27 10	8°45'04	14°13	14°44	28° 5	21°57	21°39	13°33	14°32	29°49	15° 1	5°57	6°17	21°29	n.a.	M 9
T 10	10 31 6	9°43'33	28°27	16°13	29°19	21°38	21°31	13°37	14°33	29°48	15° 1	5°46	6°13	21°36	n.a.	T 10
W11	10 35 3	10°42'00	12♎50	17°45	0♓33	21°18	21°24	13°42	14°34	29°46	15° 1	5°36	6°10	21°43	n.a.	W11
T 12	10 38 59	11°40'26	27°16	19°18	1°47	20°58	21°17	13°47	14°34	29°45	15° 1	5°30	6° 7	21°49	n.a.	T 12
F 13	10 42 56	12°38'50	11♏40	20°52	3° 1	20°38	21° 9	13°52	14°35	29°44	15° 1	5°26	6° 4	21°56	n.a.	F 13
S 14	10 46 52	13°37'12	25°57	22°29	4°15	20°18	21° 2	13°57	14°36	29°43	15° 1	5°25	6° 1	22° 3	n.a.	S 14
S 15	10 50 49	14°35'32	10♐ 7	24° 7	5°29	19°57	20°54	14° 3	14°37	29°42	15° 2	5°24	5°58	22° 9	n.a.	S 15
M16	10 54 46	15°33'51	24° 7	25°47	6°43	19°35	20°46	14° 8	14°38	29°41	15° 2	5°24	5°54	22°16	n.a.	M16
T 17	10 58 42	16°32'08	7♑58	27°28	7°57	19°14	20°39	14°13	14°38	29°40	15° 2	5°23	5°51	22°23	n.a.	T 17
W18	11 2 39	17°30'24	21°39	29°11	9°10	18°52	20°31	14°19	14°39	29°39	15° 2	5°19	5°48	22°29	n.a.	W18
T 19	11 6 35	18°28'38	5♒10	0♓56	10°24	18°30	20°24	14°24	14°39	29°38	15° 3	5°13	5°45	22°36	n.a.	T 19
F 20	11 10 32	19°26'50	18°31	2°43	11°38	18° 8	20°16	14°30	14°40	29°37	15° 3	5° 4	5°42	22°43	n.a.	F 20
S 21	11 14 28	20°25'00	1♓40	4°31	12°52	17°46	20° 8	14°35	14°40	29°36	15° 3	4°53	5°39	22°49	n.a.	S 21
S 22	11 18 25	21°23'09	14°37	6°21	14° 6	17°24	20° 1	14°41	14°41	29°35	15° 4	4°40	5°35	22°56	n.a.	S 22
M23	11 22 21	22°21'16	27°19	8°13	15°20	17° 2	19°53	14°47	14°41	29°34	15° 4	4°28	5°32	23° 3	n.a.	M23
T 24	11 26 18	23°19'20	9♈48	10° 6	16°34	16°40	19°45	14°53	14°41	29°33	15° 4	4°17	5°29	23° 9	n.a.	T 24
W25	11 30 14	24°17'23	22° 3	12° 2	17°47	16°18	19°38	14°59	14°42	29°33	15° 5	4° 8	5°26	23°16	n.a.	W25
T 26	11 34 11	25°15'25	4♉ 7	13°58	19° 1	15°56	19°30	15° 5	14°42	29°32	15° 5	4° 1	5°23	23°22	n.a.	T 26
F 27	11 38 8	26°13'24	16° 1	15°57	20°15	15°35	19°22	15°11	14°42	29°31	15° 6	3°57	5°19	23°29	n.a.	F 27
S 28	11 42 4	27°11'21	27°49	17°57	21°29	15°13	19°15	15°17	14°42	29°30	15° 6	3°56	5°16	23°36	n.a.	S 28
S 29	11 46 1	28° 9'17	9♊37	19°59	22°43	14°52	19° 7	15°23	14°R42	29°30	15° 7	3°D56	5°13	23°42	n.a.	S 29
M30	11 49 57	29° 7'10	21°28	22° 2	23°56	14°32	19° 0	15°29	14°42	29°29	15° 7	3°56	5°10	23°49	n.a.	M30
T 31	11 53 54	0♈ 5'02	3♋28	24♓ 7	25♓10	14♍11	18♍52	15♉35	14♐42	29♋28	15♊ 8	3°R56	5♊ 7	23♉56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s19	20n22	0s27	21s15	1s43	16s55	1s23	5n35	3n31	4n36	1n46	14n30	1s33	23s 3	0s10	21n15	0n48	25n 3	2n 6	21n47	21n46	16n48		n.a.
M 2	10 58	23 22	0n35	21 3	1 49	16 32	1 24	5 41	3 31	4 39	1 46	14 31	1 33	23 3	0 10	21 16	0 48	25 3	2 6	21 47	21 46	16 51		n.a.
T 3	10 36	25 22	1 37	20 49	1 55	16 9	1 24	5 47	3 31	4 42	1 46	14 33	1 32	23 4	0 10	21 16	0 48	25 3	2 6	21 47	21 45	16 54		n.a.
W 4	10 15	26 11	2 36	20 33	2 0	15 45	1 25	5 52	3 30	4 45	1 46	14 34	1 32	23 4	0 10	21 16	0 48	25 3	2 6	21 47	21 45	16 56		n.a.
T 5	9 53	25 41	3 29	20 16	2 5	15 21	1 25	5 59	3 30	4 48	1 46	14 36	1 32	23 4	0 10	21 16	0 48	25 3	2 6	21 46	21 44	16 59		n.a.
F 6	9 31	23 49	4 12	19 58	2 9	14 56	1 26	6 5	3 29	4 51	1 46	14 38	1 32	23 4	0 10	21 17	0 48	25 3	2 6	21 44	21 44	17 1		n.a.
S 7	9 9	20 36	4 43	19 38	2 12	14 31	1 26	6 11	3 28	4 54	1 46	14 39	1 32	23 4	0 10	21 17	0 48	25 3	2 6	21 43	21 43	17 4		n.a.
S 8	8 47	16 13	4 59	19 16	2 16	14 6	1 26	6 18	3 28	4 57	1 47	14 41	1 31	23 4	0 10	21 17	0 48	25 3	2 6	21 41	21 42	17 7		n.a.
M 9	8 25	10 52	4 57	18 52	2 18	13 40	1 26	6 24	3 27	5 0	1 47	14 42	1 31	23 5	0 10	21 18	0 48	25 3	2 6	21 38	21 42	17 9		n.a.
T 10	8 3	4 51	4 37	18 27	2 20	13 14	1 26	6 31	3 26	5 3	1 47	14 44	1 31	23 5	0 10	21 18	0 48	25 3	2 6	21 36	21 41	17 12		n.a.
W11	7 40	1s28	4 0	18 0	2 22	12 48	1 26	6 38	3 25	5 6	1 47	14 46	1 31	23 5	0 10	21 18	0 48	25 3	2 6	21 35	21 41	17 14		n.a.
T 12	7 18	7 46	3 7	17 32	2 23	12 21	1 26	6 45	3 24	5 9	1 47	14 47	1 30	23 5	0 10	21 18	0 48	25 3	2 6	21 34	21 40	17 17		n.a.
F 13	6 55	13 38	2 2	17 2	2 24	11 54	1 26	6 52	3 23	5 12	1 47	14 49	1 30	23 5	0 10	21 19	0 48	25 3	2 6	21 33	21 40	17 19		n.a.
S 14	6 32	18 45	0 50	16 30	2 24	11 26	1 26	6 59	3 21	5 15	1 47	14 51	1 30	23 5	0 10	21 19	0 48	25 3	2 6	21 33	21 39	17 22		n.a.
S 15	6 10	22 44	0s25	15 56	2 23	10 59	1 26	7 6	3 20	5 18	1 47	14 53	1 30	23 5	0 10	21 19	0 48	25 3	2 6	21 33	21 39	17 25		n.a.
M16	5 47	25 18	1 37	15 21	2 22	10 31	1 26	7 13	3 19	5 21	1 47	14 54	1 30	23 5	0 10	21 19	0 48	25 3	2 6	21 33	21 38	17 27		n.a.
T 17	5 24	26 17	2 43	14 44	2 21	10 2	1 25	7 20	3 17	5 24	1 47	14 56	1 29	23 6	0 10	21 19	0 48	25 3	2 6	21 32	21 37	17 30		n.a.
W18	5 1	25 39	3 39	14 6	2 19	9 34	1 25	7 27	3 15	5 27	1 47	14 58	1 29	23 6	0 10	21 20	0 48	25 3	2 6	21 32	21 37	17 32		n.a.
T 19	4 38	23 30	4 21	13 26	2 16	9 5	1 25	7 35	3 13	5 30	1 47	15 0	1 29	23 6	0 11	21 20	0 48	25 3	2 6	21 31	21 36	17 35		n.a.
F 20	4 15	20 5	4 49	12 44	2 13	8 36	1 24	7 42	3 12	5 33	1 47	15 2	1 29	23 6	0 11	21 20	0 48	25 3	2 6	21 29	21 36	17 37		n.a.
S 21	3 51	15 43	5 1	12 0	2 9	8 7	1 23	7 49	3 10	5 36	1 47	15 4	1 29	23 6	0 11	21 20	0 48	25 3	2 6	21 27	21 35	17 40		n.a.
S 22	3 28	10 42	4 57	11 15	2 5	7 37	1 23	7 56	3 8	5 39	1 47	15 6	1 28	23 6	0 11	21 20	0 48	25 3	2 6	21 25	21 35	17 42		n.a.
M23	3 5	5 19	4 38	10 28	2 0	7 8	1 22	8 2	3 6	5 42	1 47	15 8	1 28	23 6	0 11	21 21	0 48	25 3	2 6	21 22	21 34	17 45		n.a.
T 24	2 42	0n11	4 6	9 40	1 55	6 38	1 21	8 9	3 3	5 45	1 47	15 9	1 28	23 6	0 11	21 21	0 48	25 4	2 6	21 20	21 33	17 47		n.a.
W25	2 18	5 35	3 23	8 50	1 49	6 8	1 21	8 16	3 1	5 48	1 47	15 11	1 28	23 6	0 11	21 21	0 48	25 4	2 6	21 18	21 33	17 50		n.a.
T 26	1 55	10 43	2 32	7 58	1 42	5 38	1 20	8 22	2 59	5 51	1 47	15 13	1 28	23 6	0 11	21 21	0 48	25 4	2 6	21 17	21 32	17 52		n.a.
F 27	1 31	15 24	1 34	7 5	1 35	5 7	1 19	8 28	2 56	5 54	1 47	15 15	1 27	23 6	0 11	21 21	0 48	25 4	2 6	21 17	21 32	17 55		n.a.
S 28	1 8	19 28	0 33	6 11	1 28	4 37	1 18	8 35	2 54	5 57	1 47	15 17	1 27	23 6	0 11	21 21	0 48	25 4	2 6	21 16	21 31	17 57		n.a.
S 29	0 45	22 45	0n30	5 15	1 20	4 6	1 17	8 40	2 51	6 0	1 46	15 19	1 27	23 6	0 11	21 22	0 48	25 4	2 6	21 16	21 31	18 0		n.a.
M30	0 21	25 4	1 32	4 18	1 12	3 36	1 16	8 46	2 49	6 3	1 46	15 21	1 27	23 6	0 11	21 22	0 48	25 4	2 6	21 16	21 30	18 3		n.a.
T 31	0n 2	26n17	2n31	3s20	1s 3	3s 5	1s14	8n52	2n46	6n 6	1n46	15n23	1s27	23s 6	0s11	21n22	0n48	25n 4	2n 6	21n16	21n29	18n 5		n.a.

Julian Day Number = 1344544.5, Delta T = 07h12m46s
Ecliptic obliquity = 23°49'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'13, Lahiri = -18°12'12 Julian Calendar 1 March 1032 BCE == Greg. Calendar 19 Feb. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

APRIL 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 57 50	1♈ 2'51	15♋43	26♓13	26♓24	13°R52	18°R45	15♉42	14°R42	29°R28	15♊ 8	3°R55	5♊ 4	24♉ 2	n.a.	W 1
T 2	12 1 47	2° 0'39	28°17	28°21	27°38	13♍32	18♍38	15°48	14♐42	29♋27	15° 9	3♊52	5° 0	24° 9	n.a.	T 2
F 3	12 5 43	2°58'25	11♌15	0♈29	28°52	13°13	18°31	15°55	14°42	29°26	15°10	3°47	4°57	24°16	n.a.	F 3
S 4	12 9 40	3°56'09	24°39	2°38	0♈ 5	12°55	18°23	16° 1	14°41	29°26	15°10	3°40	4°54	24°22	n.a.	S 4
S 5	12 13 37	4°53'51	8♍29	4°48	1°19	12°37	18°16	16° 8	14°41	29°25	15°11	3°31	4°51	24°29	n.a.	S 5
M 6	12 17 33	5°51'32	22°44	6°59	2°33	12°20	18° 9	16°14	14°41	29°25	15°12	3°22	4°48	24°36	n.a.	M 6
T 7	12 21 30	6°49'11	7♎17	9° 9	3°46	12° 3	18° 2	16°21	14°40	29°25	15°12	3°13	4°44	24°42	n.a.	T 7
W 8	12 25 26	7°46'48	22° 3	11°20	5° 0	11°48	17°55	16°28	14°40	29°24	15°13	3° 6	4°41	24°49	n.a.	W 8
T 9	12 29 23	8°44'25	6♏53	13°30	6°14	11°32	17°49	16°34	14°39	29°24	15°14	3° 1	4°38	24°56	n.a.	T 9
F 10	12 33 19	9°42'00	21°40	15°40	7°28	11°18	17°42	16°41	14°39	29°23	15°15	2°59	4°35	25° 2	n.a.	F 10
S 11	12 37 16	10°39'34	6♐17	17°49	8°41	11° 4	17°35	16°48	14°38	29°23	15°15	2°D59	4°32	25° 9	n.a.	S 11
S 12	12 41 12	11°37'06	20°40	19°56	9°55	10°51	17°29	16°55	14°38	29°23	15°16	2°59	4°29	25°15	n.a.	S 12
M13	12 45 9	12°34'38	4♑46	22° 2	11° 9	10°38	17°23	17° 2	14°37	29°23	15°17	3° 0	4°25	25°22	n.a.	M13
T 14	12 49 6	13°32'09	18°36	24° 7	12°22	10°26	17°16	17° 9	14°36	29°22	15°18	3°R 0	4°22	25°29	n.a.	T 14
W15	12 53 2	14°29'39	2♒ 9	26° 9	13°36	10°16	17°10	17°16	14°35	29°22	15°19	2°59	4°19	25°35	n.a.	W15
T 16	12 56 59	15°27'08	15°26	28°10	14°50	10° 5	17° 4	17°23	14°35	29°22	15°20	2°55	4°16	25°42	n.a.	T 16
F 17	13 0 55	16°24'36	28°29	0♉ 8	16° 4	9°56	16°58	17°30	14°34	29°22	15°21	2°50	4°13	25°49	n.a.	F 17
S 18	13 4 52	17°22'02	11♓18	2° 4	17°17	9°48	16°52	17°37	14°33	29°22	15°22	2°43	4°10	25°55	n.a.	S 18
S 19	13 8 48	18°19'28	23°54	3°57	18°31	9°40	16°47	17°45	14°32	29°22	15°23	2°35	4° 6	26° 2	n.a.	S 19
M20	13 12 45	19°16'53	6♈19	5°48	19°45	9°33	16°41	17°52	14°31	29°D22	15°24	2°27	4° 3	26° 9	n.a.	M20
T 21	13 16 41	20°14'16	18°33	7°36	20°58	9°27	16°36	17°59	14°30	29°22	15°25	2°20	4° 0	26°15	n.a.	T 21
W22	13 20 38	21°11'39	0♉37	9°21	22°12	9°22	16°31	18° 6	14°29	29°22	15°26	2°15	3°57	26°22	n.a.	W22
T 23	13 24 35	22° 9'00	12°33	11° 4	23°26	9°17	16°26	18°14	14°28	29°22	15°27	2°11	3°54	26°29	n.a.	T 23
F 24	13 28 31	23° 6'21	24°23	12°44	24°39	9°14	16°21	18°21	14°26	29°22	15°28	2° 9	3°50	26°35	n.a.	F 24
S 25	13 32 28	24° 3'40	6♊10	14°20	25°53	9°11	16°16	18°28	14°25	29°22	15°29	2°D 9	3°47	26°42	n.a.	S 25
S 26	13 36 24	25° 0'59	17°57	15°54	27° 7	9° 9	16°11	18°36	14°24	29°22	15°30	2°10	3°44	26°49	n.a.	S 26
M27	13 40 21	25°58'16	29°48	17°25	28°20	9° 8	16° 7	18°43	14°23	29°23	15°31	2°11	3°41	26°55	n.a.	M27
T 28	13 44 17	26°55'32	11♋48	18°53	29°34	9°D 8	16° 2	18°51	14°21	29°23	15°32	2°13	3°38	27° 2	n.a.	T 28
W29	13 48 14	27°52'47	24° 2	20°18	0♉48	9° 8	15°58	18°58	14°20	29°23	15°34	2°R14	3°35	27° 8	n.a.	W29
T 30	13 52 10	28♈50'01	6♌35	21♉40	2♉ 1	9♍ 9	15♍54	19♉ 6	14♐19	29♋23	15♊35	2♊14	3♊31	27♉15	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n25	26n15	3n24	2s21	0s54	2s34	1s13	8n57	2n43	6n 9	1n46	15n25	1s26	23s 6	0s11	21n22	0n48	25n 4	2n 6	21n16	21n29	18n 8		n.a.
T 2	0 49	24 53	4 9	1 21	0 44	2 3	1 12	9 2	2 40	6 11	1 46	15 27	1 26	23 6	0 11	21 22	0 48	25 4	2 6	21 16	21 28	18 10		n.a.
F 3	1 12	22 11	4 42	0 20	0 34	1 32	1 11	9 7	2 37	6 14	1 46	15 29	1 26	23 6	0 11	21 22	0 48	25 4	2 6	21 15	21 28	18 13		n.a.
S 4	1 35	18 14	5 1	0n42	0 24	1 1	1 9	9 11	2 34	6 17	1 46	15 31	1 26	23 6	0 11	21 22	0 48	25 4	2 6	21 13	21 27	18 15		n.a.
S 5	1 59	13 12	5 4	1 44	0 14	0 30	1 8	9 15	2 31	6 20	1 46	15 34	1 26	23 6	0 11	21 22	0 48	25 4	2 6	21 11	21 27	18 17		n.a.
M 6	2 22	7 19	4 48	2 46	0 3	0n 1	1 6	9 19	2 28	6 22	1 46	15 36	1 26	23 6	0 11	21 22	0 48	25 5	2 6	21 10	21 26	18 20		n.a.
T 7	2 45	0 56	4 13	3 48	0n 7	0 32	1 5	9 23	2 25	6 25	1 45	15 38	1 25	23 6	0 11	21 23	0 48	25 5	2 6	21 8	21 25	18 22		n.a.
W 8	3 8	5s37	3 21	4 50	0 18	1 3	1 3	9 26	2 22	6 27	1 45	15 40	1 25	23 6	0 11	21 23	0 48	25 5	2 6	21 7	21 25	18 25		n.a.
T 9	3 31	11 54	2 15	5 51	0 29	1 34	1 2	9 29	2 19	6 30	1 45	15 42	1 25	23 6	0 11	21 23	0 48	25 5	2 7	21 6	21 24	18 27		n.a.
F 10	3 54	17 30	1 1	6 51	0 39	2 5	1 0	9 32	2 16	6 33	1 45	15 44	1 25	23 6	0 11	21 23	0 48	25 5	2 7	21 5	21 24	18 30		n.a.
S 11	4 17	21 59	0s18	7 51	0 49	2 37	0 58	9 35	2 13	6 35	1 45	15 46	1 25	23 6	0 11	21 23	0 48	25 5	2 7	21 5	21 23	18 32		n.a.
S 12	4 40	25 3	1 34	8 49	0 59	3 8	0 56	9 37	2 10	6 37	1 45	15 48	1 25	23 6	0 11	21 23	0 48	25 5	2 7	21 5	21 22	18 35		n.a.
M13	5 3	26 26	2 43	9 47	1 9	3 38	0 55	9 39	2 7	6 40	1 44	15 50	1 24	23 6	0 11	21 23	0 48	25 5	2 7	21 5	21 22	18 37		n.a.
T 14	5 25	26 9	3 41	10 42	1 18	4 9	0 53	9 40	2 4	6 42	1 44	15 53	1 24	23 6	0 11	21 23	0 48	25 5	2 7	21 5	21 21	18 40		n.a.
W15	5 48	24 17	4 25	11 36	1 27	4 40	0 51	9 42	2 0	6 44	1 44	15 55	1 24	23 6	0 11	21 23	0 48	25 6	2 7	21 5	21 21	18 42		n.a.
T 16	6 11	21 8	4 54	12 28	1 35	5 11	0 49	9 43	1 57	6 47	1 44	15 57	1 24	23 6	0 11	21 23	0 48	25 6	2 7	21 5	21 20	18 45		n.a.
F 17	6 33	16 59	5 7	13 18	1 42	5 41	0 47	9 43	1 54	6 49	1 44	15 59	1 24	23 6	0 11	21 23	0 48	25 6	2 7	21 3	21 19	18 47		n.a.
S 18	6 55	12 7	5 5	14 5	1 50	6 12	0 45	9 44	1 51	6 51	1 44	16 1	1 24	23 5	0 11	21 23	0 48	25 6	2 7	21 2	21 19	18 49		n.a.
S 19	7 18	6 50	4 47	14 51	1 56	6 42	0 43	9 44	1 48	6 53	1 43	16 3	1 23	23 5	0 11	21 23	0 48	25 6	2 7	21 1	21 18	18 52		n.a.
M20	7 40	1 22	4 17	15 34	2 2	7 13	0 41	9 43	1 45	6 55	1 43	16 6	1 23	23 5	0 11	21 23	0 48	25 6	2 7	20 59	21 18	18 54		n.a.
T 21	8 2	4n 5	3 34	16 15	2 7	7 43	0 39	9 43	1 41	6 57	1 43	16 8	1 23	23 5	0 11	21 23	0 48	25 6	2 7	20 58	21 17	18 57		n.a.
W22	8 24	9 20	2 43	16 54	2 11	8 12	0 37	9 42	1 38	6 59	1 43	16 10	1 23	23 5	0 11	21 23	0 47	25 6	2 7	20 56	21 16	18 59		n.a.
T 23	8 45	14 11	1 45	17 31	2 15	8 42	0 35	9 41	1 35	7 0	1 42	16 12	1 23	23 5	0 11	21 23	0 47	25 7	2 7	20 56	21 16	19 2		n.a.
F 24	9 7	18 29	0 42	18 5	2 17	9 12	0 33	9 39	1 32	7 2	1 42	16 14	1 23	23 5	0 11	21 23	0 47	25 7	2 7	20 55	21 15	19 4		n.a.
S 25	9 29	22 2	0n22	18 37	2 20	9 41	0 30	9 37	1 29	7 4	1 42	16 17	1 23	23 5	0 11	21 23	0 47	25 7	2 7	20 55	21 15	19 6		n.a.
S 26	9 50	24 41	1 25	19 6	2 21	10 10	0 28	9 35	1 26	7 5	1 42	16 19	1 23	23 5	0 11	21 23	0 47	25 7	2 7	20 55	21 14	19 9		n.a.
M27	10 11	26 14	2 25	19 33	2 21	10 39	0 26	9 33	1 23	7 7	1 41	16 21	1 22	23 4	0 11	21 23	0 47	25 7	2 7	20 56	21 13	19 11		n.a.
T 28	10 32	26 36	3 20	19 58	2 21	11 8	0 24	9 30	1 20	7 8	1 41	16 23	1 22	23 4	0 11	21 23	0 47	25 7	2 7	20 56	21 13	19 14		n.a.
W29	10 53	25 41	4 6	20 21	2 20	11 36	0 21	9 27	1 17	7 10	1 41	16 25	1 22	23 4	0 11	21 23	0 47	25 8	2 7	20 56	21 12	19 16		n.a.
T 30	11n14	23n28	4n42	20n42	2n19	12n 4	0s19	9n24	1n14	7n11	1n41	16n28	1s22	23s 4	0s11	21n22	0n47	25n 8	2n 7	20n56	21n12	19n18		n.a.

Julian Day Number = 1344575.5, Delta T = 07h12m45s
Ecliptic obliquity = 23°49'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'08, Lahiri = -18°12'08 Julian Calendar 1 Apr. 1032 BCE == Greg. Calendar 22 March 1032 BCE

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

MAY 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 56 7	29♈47'13	19♌30	22♉59	3♉15	9♍12	15°R50	19♉14	14°R17	29♋24	15♊36	2°R12	3♊28	27♉22	n.a.	F 1
S 2	14 0 4	0♉44'25	2♍52	24°15	4°29	9°15	15♍47	19°21	14♐16	29°24	15°37	2♊ 9	3°25	27°28	n.a.	S 2
S 3	14 4 0	1°41'36	16°41	25°27	5°42	9°18	15°43	19°29	14°14	29°24	15°38	2° 5	3°22	27°35	n.a.	S 3
M 4	14 7 57	2°38'45	0♎58	26°37	6°56	9°23	15°40	19°36	14°12	29°25	15°40	2° 1	3°19	27°42	n.a.	M 4
T 5	14 11 53	3°35'54	15°38	27°43	8°10	9°28	15°36	19°44	14°11	29°25	15°41	1°57	3°16	27°48	n.a.	T 5
W 6	14 15 50	4°33'02	0♏35	28°45	9°23	9°34	15°33	19°52	14° 9	29°26	15°42	1°54	3°12	27°55	n.a.	W 6
T 7	14 19 46	5°30'10	15°41	29°45	10°37	9°41	15°31	19°59	14° 8	29°26	15°44	1°52	3° 9	28° 2	n.a.	T 7
F 8	14 23 43	6°27'17	0♐46	0♊40	11°51	9°48	15°28	20° 7	14° 6	29°27	15°45	1°D51	3° 6	28° 8	n.a.	F 8
S 9	14 27 39	7°24'24	15°43	1°33	13° 4	9°56	15°25	20°15	14° 4	29°28	15°46	1°52	3° 3	28°15	n.a.	S 9
S 10	14 31 36	8°21'31	0♑24	2°21	14°18	10° 5	15°23	20°23	14° 2	29°28	15°48	1°53	3° 0	28°22	n.a.	S 10
M11	14 35 33	9°18'37	14°44	3° 6	15°31	10°14	15°21	20°30	14° 0	29°29	15°49	1°54	2°56	28°28	n.a.	M11
T 12	14 39 29	10°15'43	28°41	3°47	16°45	10°25	15°19	20°38	13°59	29°30	15°50	1°55	2°53	28°35	n.a.	T 12
W13	14 43 26	11°12'49	12♒16	4°23	17°59	10°35	15°17	20°46	13°57	29°30	15°52	1°R56	2°50	28°42	n.a.	W13
T 14	14 47 22	12° 9'55	25°29	4°56	19°12	10°47	15°16	20°54	13°55	29°31	15°53	1°55	2°47	28°48	n.a.	T 14
F 15	14 51 19	13° 7'01	8♓23	5°25	20°26	10°59	15°14	21° 2	13°53	29°32	15°54	1°54	2°44	28°55	n.a.	F 15
S 16	14 55 15	14° 4'07	20°59	5°49	21°40	11°12	15°13	21°10	13°51	29°33	15°56	1°52	2°41	29° 1	n.a.	S 16
S 17	14 59 12	15° 1'13	3♈22	6° 9	22°53	11°25	15°12	21°17	13°49	29°33	15°57	1°49	2°37	29° 8	n.a.	S 17
M18	15 3 9	15°58'18	15°33	6°24	24° 7	11°39	15°11	21°25	13°47	29°34	15°59	1°47	2°34	29°15	n.a.	M18
T 19	15 7 5	16°55'24	27°34	6°35	25°21	11°54	15°10	21°33	13°45	29°35	16° 0	1°45	2°31	29°21	n.a.	T 19
W20	15 11 2	17°52'29	9♉29	6°41	26°34	12° 9	15°10	21°41	13°43	29°36	16° 2	1°43	2°28	29°28	n.a.	W20
T 21	15 14 58	18°49'35	21°18	6°R43	27°48	12°25	15° 9	21°49	13°41	29°37	16° 3	1°42	2°25	29°35	n.a.	T 21
F 22	15 18 55	19°46'40	3♊ 6	6°40	29° 2	12°41	15°D 9	21°57	13°39	29°38	16° 5	1°D42	2°21	29°41	n.a.	F 22
S 23	15 22 51	20°43'46	14°52	6°33	0♊15	12°58	15° 9	22° 5	13°36	29°39	16° 6	1°42	2°18	29°48	n.a.	S 23
S 24	15 26 48	21°40'51	26°42	6°21	1°29	13°16	15° 9	22°12	13°34	29°40	16° 8	1°43	2°15	29°55	n.a.	S 24
M25	15 30 44	22°37'56	8♋36	6° 5	2°43	13°34	15°10	22°20	13°32	29°41	16° 9	1°44	2°12	0♊ 1	n.a.	M25
T 26	15 34 41	23°35'01	20°40	5°45	3°56	13°53	15°10	22°28	13°30	29°42	16°11	1°45	2° 9	0° 8	n.a.	T 26
W27	15 38 38	24°32'06	2♌56	5°21	5°10	14°12	15°11	22°36	13°28	29°43	16°12	1°46	2° 6	0°15	n.a.	W27
T 28	15 42 34	25°29'11	15°28	4°53	6°23	14°32	15°12	22°44	13°25	29°45	16°14	1°46	2° 2	0°21	n.a.	T 28
F 29	15 46 31	26°26'16	28°21	4°23	7°37	14°52	15°13	22°52	13°23	29°46	16°15	1°R46	1°59	0°28	n.a.	F 29
S 30	15 50 27	27°23'20	11♍37	3°49	8°51	15°13	15°14	23° 0	13°21	29°47	16°17	1°46	1°56	0°34	n.a.	S 30
S 31	15 54 24	28♉20'24	25♍19	3♊14	10♊ 4	15♍34	15♍16	23♉ 8	13♐19	29♋48	16♊19	1♊46	1♊53	0♊41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n34	20n 1	5n 5	21n 0	2n16	12n32	0s17	9n20	1n11	7n13	1n40	16n30	1s22	23s 4	0s11	21n22	0n47	25n 8	2n 7	20n56	21n11	19n21		n.a.
S 2	11 55	15 28	5 13	21 17	2 13	12 59	0 15	9 17	1 8	7 14	1 40	16 32	1 22	23 4	0 11	21 22	0 47	25 8	2 7	20 55	21 10	19 23		n.a.
S 3	12 15	9 58	5 3	21 31	2 9	13 27	0 12	9 13	1 5	7 15	1 40	16 34	1 22	23 3	0 11	21 22	0 47	25 8	2 7	20 55	21 10	19 26		n.a.
M 4	12 35	3 48	4 34	21 43	2 4	13 53	0 10	9 8	1 2	7 16	1 40	16 36	1 22	23 3	0 11	21 22	0 47	25 8	2 7	20 54	21 9	19 28		n.a.
T 5	12 55	2s46	3 47	21 53	1 59	14 20	0 7	9 4	0 59	7 17	1 39	16 39	1 21	23 3	0 11	21 22	0 47	25 9	2 7	20 53	21 8	19 30		n.a.
W 6	13 14	9 18	2 43	22 1	1 52	14 46	0 5	8 59	0 57	7 18	1 39	16 41	1 21	23 3	0 11	21 22	0 47	25 9	2 7	20 52	21 8	19 33		n.a.
T 7	13 34	15 24	1 28	22 8	1 45	15 12	0 3	8 54	0 54	7 19	1 39	16 43	1 21	23 3	0 11	21 22	0 47	25 9	2 7	20 52	21 7	19 35		n.a.
F 8	13 53	20 32	0 6	22 12	1 37	15 37	0 0	8 48	0 51	7 20	1 38	16 45	1 21	23 3	0 11	21 22	0 47	25 9	2 7	20 52	21 7	19 38		n.a.
S 9	14 12	24 18	1s16	22 15	1 29	16 2	0n 2	8 43	0 48	7 20	1 38	16 47	1 21	23 2	0 11	21 21	0 47	25 9	2 7	20 52	21 6	19 40		n.a.
S 10	14 31	26 20	2 31	22 16	1 20	16 27	0 4	8 37	0 46	7 21	1 38	16 50	1 21	23 2	0 11	21 21	0 47	25 9	2 7	20 52	21 5	19 42		n.a.
M11	14 49	26 33	3 35	22 15	1 9	16 51	0 7	8 31	0 43	7 22	1 38	16 52	1 21	23 2	0 11	21 21	0 47	25 10	2 7	20 52	21 5	19 45		n.a.
T 12	15 8	25 3	4 24	22 12	0 59	17 15	0 9	8 24	0 41	7 22	1 37	16 54	1 21	23 2	0 11	21 21	0 47	25 10	2 7	20 53	21 4	19 47		n.a.
W13	15 26	22 8	4 57	22 8	0 47	17 39	0 12	8 18	0 38	7 22	1 37	16 56	1 21	23 2	0 11	21 21	0 47	25 10	2 7	20 53	21 3	19 49		n.a.
T 14	15 44	18 8	5 14	22 2	0 35	18 2	0 14	8 11	0 35	7 23	1 37	16 58	1 20	23 1	0 11	21 21	0 47	25 10	2 7	20 52	21 3	19 52		n.a.
F 15	16 1	13 23	5 14	21 55	0 23	18 24	0 16	8 4	0 33	7 23	1 36	17 0	1 20	23 1	0 11	21 20	0 47	25 10	2 7	20 52	21 2	19 54		n.a.
S 16	16 19	8 11	4 58	21 46	0 9	18 46	0 19	7 57	0 31	7 23	1 36	17 3	1 20	23 1	0 12	21 20	0 47	25 11	2 7	20 52	21 2	19 56		n.a.
S 17	16 36	2 45	4 29	21 36	0s 5	19 8	0 21	7 49	0 28	7 24	1 36	17 5	1 20	23 1	0 12	21 20	0 47	25 11	2 8	20 51	21 1	19 59		n.a.
M18	16 53	2n42	3 48	21 24	0 19	19 29	0 23	7 42	0 26	7 24	1 36	17 7	1 20	23 0	0 12	21 20	0 47	25 11	2 8	20 51	21 0	20 1		n.a.
T 19	17 9	8 1	2 58	21 12	0 34	19 49	0 26	7 34	0 23	7 24	1 35	17 9	1 20	23 0	0 12	21 20	0 47	25 11	2 8	20 50	21 0	20 3		n.a.
W20	17 26	12 59	2 0	20 58	0 49	20 9	0 28	7 26	0 21	7 24	1 35	17 11	1 20	23 0	0 12	21 19	0 47	25 11	2 8	20 50	20 59	20 6		n.a.
T 21	17 42	17 27	0 57	20 43	1 5	20 28	0 30	7 18	0 19	7 23	1 35	17 13	1 20	23 0	0 12	21 19	0 47	25 12	2 8	20 50	20 58	20 8		n.a.
F 22	17 58	21 14	0n 8	20 26	1 21	20 47	0 33	7 9	0 16	7 23	1 34	17 16	1 20	22 59	0 12	21 19	0 47	25 12	2 8	20 50	20 58	20 10		n.a.
S 23	18 13	24 9	1 12	20 9	1 37	21 6	0 35	7 0	0 14	7 23	1 34	17 18	1 20	22 59	0 12	21 19	0 47	25 12	2 8	20 50	20 57	20 12		n.a.
S 24	18 28	26 1	2 14	19 52	1 53	21 23	0 37	6 52	0 12	7 23	1 34	17 20	1 20	22 59	0 12	21 19	0 47	25 12	2 8	20 50	20 56	20 15		n.a.
M25	18 43	26 43	3 11	19 33	2 9	21 40	0 39	6 43	0 10	7 22	1 33	17 22	1 20	22 59	0 12	21 18	0 47	25 12	2 8	20 50	20 56	20 17		n.a.
T 26	18 58	26 9	4 0	19 14	2 25	21 57	0 41	6 33	0 8	7 22	1 33	17 24	1 19	22 58	0 12	21 18	0 47	25 13	2 8	20 50	20 55	20 19		n.a.
W27	19 12	24 19	4 38	18 55	2 40	22 13	0 44	6 24	0 6	7 21	1 33	17 26	1 19	22 58	0 12	21 18	0 47	25 13	2 8	20 50	20 55	20 22		n.a.
T 28	19 26	21 18	5 5	18 35	2 55	22 28	0 46	6 14	0 3	7 20	1 33	17 28	1 19	22 58	0 12	21 18	0 47	25 13	2 8	20 51	20 54	20 24		n.a.
F 29	19 40	17 10	5 17	18 15	3 9	22 43	0 48	6 4	0 1	7 20	1 32	17 30	1 19	22 58	0 12	21 17	0 47	25 13	2 8	20 51	20 53	20 26		n.a.
S 30	19 53	12 7	5 13	17 56	3 23	22 57	0 50	5 54	0s 1	7 19	1 32	17 32	1 19	22 57	0 12	21 17	0 47	25 13	2 8	20 51	20 53	20 29		n.a.
S 31	20n 6	6n20	4n51	17n37	3s35	23n10	0n52	5n44	0s 3	7n18	1n32	17n34	1s19	22s57	0s12	21n17	0n47	25n14	2n 8	20n51	20n52	20n31		n.a.

Julian Day Number = 1344605.5, Delta T = 07h12m43s
Ecliptic obliquity = 23°49'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'04, Lahiri = -18°12'04 Julian Calendar 1 May 1032 BCE == Greg. Calendar 21 Apr. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

JUNE 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 58 20	29♉17'29	9♎27	2°R37	11♊18	15♍55	15♍17	23♉15	13°R16	29♋50	16♊20	1°R45	1♊50	0♊48	n.a.	M 1
T 2	16 2 17	0♊14'33	24° 1	1♊59	12°32	16°17	15°19	23°23	13♐14	29°51	16°22	1♊45	1°47	0°54	n.a.	T 2
W 3	16 6 13	1°11'38	8♏54	1°21	13°45	16°40	15°21	23°31	13°12	29°52	16°23	1°45	1°43	1° 1	n.a.	W 3
T 4	16 10 10	2° 8'42	24° 2	0°43	14°59	17° 3	15°23	23°39	13° 9	29°54	16°25	1°D45	1°40	1° 8	n.a.	T 4
F 5	16 14 7	3° 5'48	9♐14	0° 6	16°13	17°26	15°25	23°47	13° 7	29°55	16°27	1°R45	1°37	1°14	n.a.	F 5
S 6	16 18 3	4° 2'53	24°22	29♉31	17°26	17°50	15°28	23°55	13° 5	29°56	16°28	1°45	1°34	1°21	n.a.	S 6
S 7	16 22 0	5° 0'00	9♑16	28°58	18°40	18°15	15°31	24° 2	13° 2	29°58	16°30	1°45	1°31	1°28	n.a.	S 7
M 8	16 25 56	5°57'07	23°50	28°28	19°53	18°39	15°33	24°10	13° 0	29°59	16°31	1°44	1°27	1°34	n.a.	M 8
T 9	16 29 53	6°54'15	7♒59	28° 2	21° 7	19° 4	15°36	24°18	12°57	0♌ 1	16°33	1°44	1°24	1°41	n.a.	T 9
W10	16 33 49	7°51'23	21°41	27°39	22°21	19°30	15°40	24°26	12°55	0° 2	16°35	1°43	1°21	1°48	n.a.	W10
T 11	16 37 46	8°48'33	4♓57	27°21	23°34	19°56	15°43	24°33	12°53	0° 4	16°36	1°D43	1°18	1°54	n.a.	T 11
F 12	16 41 43	9°45'43	17°50	27° 7	24°48	20°22	15°46	24°41	12°50	0° 5	16°38	1°43	1°15	2° 1	n.a.	F 12
S 13	16 45 39	10°42'54	0♈21	26°59	26° 2	20°48	15°50	24°49	12°48	0° 7	16°40	1°44	1°12	2° 8	n.a.	S 13
S 14	16 49 36	11°40'06	12°37	26°D56	27°15	21°15	15°54	24°56	12°45	0° 8	16°41	1°45	1° 8	2°14	n.a.	S 14
M15	16 53 32	12°37'19	24°39	26°59	28°29	21°43	15°58	25° 4	12°43	0°10	16°43	1°46	1° 5	2°21	n.a.	M15
T 16	16 57 29	13°34'33	6♉33	27° 7	29°43	22°11	16° 2	25°12	12°41	0°12	16°45	1°47	1° 2	2°27	n.a.	T 16
W17	17 1 25	14°31'48	18°22	27°21	0♋56	22°39	16° 6	25°19	12°38	0°13	16°46	1°47	0°59	2°34	n.a.	W17
T 18	17 5 22	15°29'04	0♊ 9	27°41	2°10	23° 7	16°11	25°27	12°36	0°15	16°48	1°R48	0°56	2°41	n.a.	T 18
F 19	17 9 18	16°26'21	11°56	28° 7	3°23	23°36	16°16	25°34	12°33	0°17	16°50	1°48	0°53	2°47	n.a.	F 19
S 20	17 13 15	17°23'39	23°47	28°38	4°37	24° 5	16°20	25°42	12°31	0°18	16°51	1°47	0°49	2°54	n.a.	S 20
S 21	17 17 12	18°20'58	5♋42	29°16	5°51	24°34	16°25	25°50	12°29	0°20	16°53	1°45	0°46	3° 1	n.a.	S 21
M22	17 21 8	19°18'17	17°45	29°59	7° 4	25° 4	16°31	25°57	12°26	0°22	16°55	1°42	0°43	3° 7	n.a.	M22
T 23	17 25 5	20°15'38	29°58	0♊49	8°18	25°34	16°36	26° 4	12°24	0°24	16°56	1°40	0°40	3°14	n.a.	T 23
W24	17 29 1	21°12'59	12♌22	1°45	9°32	26° 4	16°41	26°12	12°21	0°25	16°58	1°37	0°37	3°21	n.a.	W24
T 25	17 32 58	22°10'21	25° 0	2°45	10°45	26°35	16°47	26°19	12°19	0°27	17° 0	1°34	0°33	3°27	n.a.	T 25
F 26	17 36 54	23° 7'44	7♍54	3°52	11°59	27° 6	16°53	26°27	12°17	0°29	17° 1	1°33	0°30	3°34	n.a.	F 26
S 27	17 40 51	24° 5'08	21° 8	5° 4	13°12	27°37	16°58	26°34	12°14	0°31	17° 3	1°D32	0°27	3°41	n.a.	S 27
S 28	17 44 48	25° 2'32	4♎42	6°21	14°26	28° 9	17° 4	26°41	12°12	0°33	17° 4	1°32	0°24	3°47	n.a.	S 28
M29	17 48 44	25°59'58	18°39	7°43	15°40	28°41	17°11	26°48	12°10	0°35	17° 6	1°33	0°21	3°54	n.a.	M29
T 30	17 52 41	26♊57'24	2♏58	9♊10	16♋53	29♍13	17♍17	26♉56	12♐ 7	0♌37	17♊ 8	1♊35	0♊18	4♊ 1	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n19	0n 2	4n12	17n19	3s47	23n23	0n54	5n34	0s 5	7n17	1n31	17n36	1s19	22s57	0s12	21n16	0n47	25n14	2n 8	20n50	20n51	20n33		n.a.
T 2	20 31	6s27	3 15	17 1	3 57	23 35	0 56	5 23	0 7	7 16	1 31	17 39	1 19	22 57	0 12	21 16	0 47	25 14	2 8	20 50	20 51	20 35		n.a.
W 3	20 43	12 45	2 4	16 45	4 6	23 46	0 58	5 13	0 9	7 15	1 31	17 41	1 19	22 56	0 12	21 16	0 47	25 14	2 8	20 50	20 50	20 38		n.a.
T 4	20 55	18 23	0 43	16 30	4 14	23 57	1 0	5 2	0 10	7 14	1 30	17 43	1 19	22 56	0 12	21 16	0 47	25 14	2 8	20 50	20 49	20 40		n.a.
F 5	21 7	22 52	0s41	16 16	4 20	24 7	1 2	4 51	0 12	7 13	1 30	17 45	1 19	22 56	0 12	21 15	0 47	25 15	2 8	20 50	20 49	20 42		n.a.
S 6	21 18	25 44	2 2	16 4	4 24	24 16	1 3	4 40	0 14	7 12	1 30	17 47	1 19	22 55	0 12	21 15	0 47	25 15	2 8	20 50	20 48	20 44		n.a.
S 7	21 28	26 43	3 14	15 54	4 27	24 25	1 5	4 29	0 16	7 10	1 29	17 49	1 19	22 55	0 12	21 15	0 47	25 15	2 9	20 50	20 47	20 47		n.a.
M 8	21 38	25 48	4 11	15 46	4 28	24 32	1 7	4 17	0 18	7 9	1 29	17 51	1 19	22 55	0 12	21 14	0 47	25 15	2 9	20 50	20 47	20 49		n.a.
T 9	21 48	23 14	4 51	15 41	4 28	24 39	1 9	4 6	0 19	7 7	1 29	17 53	1 19	22 55	0 12	21 14	0 47	25 16	2 9	20 50	20 46	20 51		n.a.
W10	21 58	19 25	5 13	15 37	4 27	24 46	1 10	3 54	0 21	7 6	1 29	17 54	1 19	22 54	0 12	21 14	0 47	25 16	2 9	20 50	20 45	20 53		n.a.
T 11	22 7	14 45	5 17	15 36	4 23	24 51	1 12	3 42	0 23	7 4	1 28	17 56	1 19	22 54	0 12	21 13	0 47	25 16	2 9	20 50	20 45	20 55		n.a.
F 12	22 16	9 33	5 5	15 38	4 19	24 56	1 13	3 30	0 25	7 3	1 28	17 58	1 18	22 54	0 12	21 13	0 47	25 16	2 9	20 50	20 44	20 58		n.a.
S 13	22 24	4 6	4 39	15 42	4 13	25 0	1 15	3 18	0 26	7 1	1 28	18 0	1 18	22 53	0 12	21 13	0 47	25 17	2 9	20 50	20 43	21 0		n.a.
S 14	22 32	1n23	4 0	15 48	4 6	25 4	1 16	3 6	0 28	6 59	1 27	18 2	1 18	22 53	0 12	21 12	0 47	25 17	2 9	20 50	20 43	21 2		n.a.
M15	22 40	6 44	3 12	15 56	3 58	25 6	1 18	2 53	0 29	6 57	1 27	18 4	1 18	22 53	0 12	21 12	0 47	25 17	2 9	20 50	20 42	21 4		n.a.
T 16	22 47	11 47	2 15	16 7	3 48	25 8	1 19	2 41	0 31	6 55	1 27	18 6	1 18	22 52	0 12	21 11	0 47	25 17	2 9	20 51	20 41	21 6		n.a.
W17	22 54	16 23	1 14	16 20	3 38	25 9	1 20	2 28	0 33	6 53	1 26	18 8	1 18	22 52	0 12	21 11	0 47	25 17	2 9	20 51	20 41	21 9		n.a.
T 18	23 1	20 21	0 9	16 36	3 27	25 10	1 22	2 15	0 34	6 51	1 26	18 10	1 18	22 52	0 12	21 11	0 47	25 18	2 9	20 51	20 40	21 11		n.a.
F 19	23 7	23 30	0n56	16 53	3 15	25 9	1 23	2 2	0 36	6 49	1 26	18 12	1 18	22 51	0 12	21 10	0 47	25 18	2 9	20 51	20 39	21 13		n.a.
S 20	23 13	25 39	1 59	17 12	3 3	25 8	1 24	1 49	0 37	6 47	1 26	18 13	1 18	22 51	0 12	21 10	0 47	25 18	2 9	20 51	20 39	21 15		n.a.
S 21	23 18	26 38	2 57	17 33	2 50	25 6	1 25	1 36	0 39	6 45	1 25	18 15	1 18	22 51	0 12	21 10	0 47	25 18	2 9	20 50	20 38	21 17		n.a.
M22	23 23	26 23	3 47	17 55	2 37	25 3	1 26	1 23	0 40	6 43	1 25	18 17	1 18	22 51	0 12	21 9	0 47	25 19	2 9	20 50	20 37	21 20		n.a.
T 23	23 27	24 51	4 29	18 19	2 23	25 0	1 27	1 9	0 41	6 40	1 25	18 19	1 18	22 50	0 12	21 9	0 47	25 19	2 10	20 49	20 37	21 22		n.a.
W24	23 31	22 7	4 58	18 44	2 9	24 56	1 28	0 56	0 43	6 38	1 24	18 21	1 18	22 50	0 12	21 8	0 47	25 19	2 10	20 49	20 36	21 24		n.a.
T 25	23 35	18 18	5 13	19 10	1 55	24 51	1 28	0 42	0 44	6 35	1 24	18 22	1 18	22 50	0 12	21 8	0 47	25 19	2 10	20 48	20 35	21 26		n.a.
F 26	23 38	13 34	5 13	19 37	1 40	24 45	1 29	0 29	0 46	6 33	1 24	18 24	1 18	22 49	0 12	21 8	0 47	25 20	2 10	20 48	20 35	21 28		n.a.
S 27	23 41	8 6	4 57	20 5	1 26	24 38	1 30	0 15	0 47	6 30	1 24	18 26	1 18	22 49	0 12	21 7	0 47	25 20	2 10	20 48	20 34	21 30		n.a.
S 28	23 43	2 8	4 24	20 32	1 11	24 31	1 30	0 1	0 48	6 28	1 23	18 28	1 18	22 49	0 12	21 7	0 47	25 20	2 10	20 48	20 33	21 33		n.a.
M29	23 45	4s 7	3 35	21 0	0 57	24 23	1 31	0s13	0 50	6 25	1 23	18 29	1 18	22 48	0 12	21 6	0 47	25 20	2 10	20 48	20 33	21 35		n.a.
T 30	23n47	10s20	2n31	21n28	0s43	24n15	1n31	0s27	0s51	6n22	1n23	18n31	1s18	22s48	0s12	21n 6	0n47	25n21	2n10	20n48	20n32	21n37		n.a.

Julian Day Number = 1344636.5, Delta T = 07h12m41s
Ecliptic obliquity = 23°49'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°19'00, Lahiri = -18°12'00 Julian Calendar 1 June 1032 BCE == Greg. Calendar 22 May 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

JULY 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 56 37	27♊54'51	17♏37	10♊41	18♋ 7	29♍45	17♍23	27♉ 3	12°R 5	0♌39	17♊ 9	1♊36	0♊14	4♊ 7	n.a.	W 1
T 2	18 0 34	28°52'20	2♐31	12°17	19°20	0♎18	17°30	27°10	12♐ 3	0°41	17°11	1°R36	0°11	4°14	n.a.	T 2
F 3	18 4 30	29°49'50	17°35	13°58	20°34	0°50	17°37	27°17	12° 1	0°43	17°13	1°36	0° 8	4°20	n.a.	F 3
S 4	18 8 27	0♋47'21	2♑39	15°41	21°48	1°24	17°43	27°24	11°58	0°45	17°14	1°33	0° 5	4°27	n.a.	S 4
S 5	18 12 23	1°44'53	17°36	17°29	23° 1	1°57	17°50	27°31	11°56	0°47	17°16	1°30	0° 2	4°34	n.a.	S 5
M 6	18 16 20	2°42'26	2♒15	19°19	24°15	2°31	17°58	27°38	11°54	0°49	17°17	1°26	29♉59	4°40	n.a.	M 6
T 7	18 20 17	3°40'02	16°31	21°12	25°28	3° 4	18° 5	27°45	11°52	0°51	17°19	1°21	29°55	4°47	n.a.	T 7
W 8	18 24 13	4°37'38	0♓21	23° 7	26°42	3°38	18°12	27°52	11°50	0°53	17°21	1°17	29°52	4°54	n.a.	W 8
T 9	18 28 10	5°35'17	13°42	25° 4	27°55	4°13	18°20	27°59	11°47	0°55	17°22	1°14	29°49	5° 0	n.a.	T 9
F 10	18 32 6	6°32'57	26°38	27° 3	29° 9	4°47	18°27	28° 5	11°45	0°57	17°24	1°12	29°46	5° 7	n.a.	F 10
S 11	18 36 3	7°30'39	9♈10	29° 3	0♌22	5°22	18°35	28°12	11°43	0°59	17°25	1°D11	29°43	5°14	n.a.	S 11
S 12	18 39 59	8°28'22	21°24	1♋ 3	1°36	5°57	18°43	28°19	11°41	1° 1	17°27	1°12	29°39	5°20	n.a.	S 12
M13	18 43 56	9°26'08	3♉24	3° 4	2°49	6°32	18°51	28°25	11°39	1° 3	17°29	1°13	29°36	5°27	n.a.	M13
T 14	18 47 52	10°23'55	15°15	5° 5	4° 3	7° 8	18°59	28°32	11°37	1° 5	17°30	1°15	29°33	5°34	n.a.	T 14
W15	18 51 49	11°21'44	27° 2	7° 6	5°16	7°43	19° 8	28°38	11°35	1° 7	17°32	1°R16	29°30	5°40	n.a.	W15
T 16	18 55 46	12°19'35	8♊49	9° 7	6°30	8°19	19°16	28°45	11°33	1° 9	17°33	1°16	29°27	5°47	n.a.	T 16
F 17	18 59 42	13°17'28	20°39	11° 8	7°43	8°55	19°24	28°51	11°31	1°11	17°35	1°14	29°24	5°54	n.a.	F 17
S 18	19 3 39	14°15'23	2♋36	13° 7	8°57	9°32	19°33	28°58	11°29	1°14	17°36	1°10	29°20	6° 0	n.a.	S 18
S 19	19 7 35	15°13'19	14°42	15° 6	10°10	10° 8	19°42	29° 4	11°27	1°16	17°38	1° 4	29°17	6° 7	n.a.	S 19
M20	19 11 32	16°11'18	26°58	17° 4	11°24	10°45	19°51	29°10	11°26	1°18	17°39	0°57	29°14	6°13	n.a.	M20
T 21	19 15 28	17° 9'17	9♌25	19° 1	12°37	11°22	20° 0	29°16	11°24	1°20	17°41	0°48	29°11	6°20	n.a.	T 21
W22	19 19 25	18° 7'19	22° 4	20°57	13°51	11°59	20° 9	29°23	11°22	1°22	17°42	0°40	29° 8	6°27	n.a.	W22
T 23	19 23 21	19° 5'22	4♍56	22°52	15° 4	12°36	20°18	29°29	11°20	1°24	17°44	0°32	29° 5	6°33	n.a.	T 23
F 24	19 27 18	20° 3'26	18° 1	24°45	16°17	13°13	20°27	29°35	11°18	1°27	17°45	0°27	29° 1	6°40	n.a.	F 24
S 25	19 31 15	21° 1'32	1♎19	26°38	17°31	13°51	20°37	29°40	11°17	1°29	17°47	0°23	28°58	6°47	n.a.	S 25
S 26	19 35 11	21°59'40	14°53	28°29	18°44	14°29	20°46	29°46	11°15	1°31	17°48	0°21	28°55	6°53	n.a.	S 26
M27	19 39 8	22°57'49	28°42	0♌19	19°57	15° 7	20°56	29°52	11°14	1°33	17°49	0°D21	28°52	7° 0	n.a.	M27
T 28	19 43 4	23°56'00	12♏47	2° 8	21°11	15°45	21° 5	29°58	11°12	1°35	17°51	0°22	28°49	7° 7	n.a.	T 28
W29	19 47 1	24°54'12	27° 7	3°55	22°24	16°23	21°15	0♊ 3	11°10	1°38	17°52	0°R22	28°45	7°13	n.a.	W29
T 30	19 50 57	25°52'27	11♐42	5°42	23°37	17° 2	21°25	0° 9	11° 9	1°40	17°53	0°22	28°42	7°20	n.a.	T 30
F 31	19 54 54	26♋50'43	26♐25	7♌27	24♌51	17♎41	21♍35	0♊15	11♐ 8	1♌42	17♊55	0♊19	28♉39	7♊27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	16s 8	1n16	21n55	0s30	24n 5	1n32	0s42	0s52	6n19	1n23	18n33	1s18	22s48	0s12	21n 6	0n47	25n21	2n10	20n48	20n31	21n39			n.a.
T 2	23 49	21 5	0s 5	22 21	0 16	23 55	1 32	0 56	0 53	6 16	1 22	18 34	1 18	22 47	0 12	21 5	0 47	25 21	2 10	20 49	20 31	21 41			n.a.
F 3	23 49	24 40	1 27	22 47	0 3	23 44	1 32	1 10	0 55	6 14	1 22	18 36	1 18	22 47	0 12	21 5	0 47	25 21	2 10	20 48	20 30	21 43			n.a.
S 4	23 49	26 30	2 42	23 11	0n 9	23 33	1 33	1 25	0 56	6 11	1 22	18 38	1 18	22 47	0 12	21 4	0 47	25 21	2 10	20 48	20 29	21 45			n.a.
S 5	23 48	26 22	3 46	23 34	0 21	23 21	1 33	1 39	0 57	6 8	1 22	18 39	1 18	22 47	0 12	21 4	0 47	25 22	2 10	20 47	20 29	21 47			n.a.
M 6	23 47	24 24	4 33	23 55	0 32	23 8	1 33	1 54	0 58	6 5	1 21	18 41	1 18	22 46	0 12	21 3	0 47	25 22	2 10	20 46	20 28	21 49			n.a.
T 7	23 46	20 55	5 2	24 13	0 42	22 54	1 33	2 9	0 59	6 1	1 21	18 42	1 18	22 46	0 12	21 3	0 47	25 22	2 11	20 45	20 27	21 52			n.a.
W 8	23 44	16 23	5 12	24 30	0 52	22 40	1 33	2 23	1 0	5 58	1 21	18 44	1 18	22 46	0 12	21 2	0 47	25 22	2 11	20 45	20 27	21 54			n.a.
T 9	23 42	11 11	5 5	24 44	1 1	22 25	1 32	2 38	1 1	5 55	1 20	18 45	1 18	22 45	0 12	21 2	0 47	25 23	2 11	20 44	20 26	21 56			n.a.
F 10	23 39	5 40	4 42	24 56	1 9	22 9	1 32	2 53	1 2	5 52	1 20	18 47	1 18	22 45	0 12	21 2	0 47	25 23	2 11	20 44	20 25	21 58			n.a.
S 11	23 36	0 5	4 7	25 5	1 16	21 53	1 32	3 8	1 4	5 48	1 20	18 49	1 18	22 45	0 12	21 1	0 47	25 23	2 11	20 43	20 25	22 0			n.a.
S 12	23 33	5n23	3 20	25 12	1 23	21 36	1 32	3 23	1 5	5 45	1 20	18 50	1 18	22 45	0 12	21 1	0 47	25 23	2 11	20 44	20 24	22 2			n.a.
M13	23 29	10 33	2 26	25 16	1 29	21 19	1 31	3 38	1 6	5 42	1 20	18 51	1 18	22 44	0 12	21 0	0 47	25 24	2 11	20 44	20 23	22 4			n.a.
T 14	23 24	15 18	1 26	25 17	1 34	21 1	1 31	3 53	1 7	5 38	1 19	18 53	1 18	22 44	0 12	21 0	0 47	25 24	2 11	20 44	20 22	22 6			n.a.
W15	23 19	19 26	0 23	25 15	1 38	20 42	1 30	4 9	1 8	5 35	1 19	18 54	1 18	22 44	0 12	20 59	0 47	25 24	2 11	20 44	20 22	22 8			n.a.
T 16	23 14	22 48	0n41	25 11	1 41	20 23	1 29	4 24	1 9	5 31	1 19	18 56	1 18	22 43	0 12	20 59	0 47	25 24	2 11	20 44	20 21	22 10			n.a.
F 17	23 9	25 12	1 43	25 4	1 44	20 3	1 29	4 39	1 10	5 28	1 19	18 57	1 18	22 43	0 12	20 58	0 47	25 25	2 11	20 44	20 20	22 12			n.a.
S 18	23 3	26 29	2 42	24 55	1 46	19 43	1 28	4 55	1 11	5 24	1 18	18 59	1 18	22 43	0 12	20 58	0 47	25 25	2 12	20 43	20 20	22 14			n.a.
S 19	22 56	26 32	3 33	24 43	1 47	19 22	1 27	5 10	1 11	5 20	1 18	19 0	1 18	22 43	0 12	20 57	0 47	25 25	2 12	20 42	20 19	22 16			n.a.
M20	22 49	25 16	4 16	24 29	1 48	19 1	1 26	5 26	1 12	5 16	1 18	19 1	1 18	22 42	0 12	20 57	0 47	25 25	2 12	20 40	20 18	22 18			n.a.
T 21	22 42	22 46	4 47	24 13	1 48	18 39	1 25	5 41	1 13	5 13	1 18	19 3	1 18	22 42	0 12	20 56	0 47	25 26	2 12	20 39	20 18	22 20			n.a.
W22	22 34	19 9	5 4	23 55	1 47	18 16	1 24	5 57	1 14	5 9	1 17	19 4	1 18	22 42	0 12	20 56	0 47	25 26	2 12	20 37	20 17	22 23			n.a.
T 23	22 26	14 35	5 7	23 35	1 46	17 53	1 23	6 12	1 15	5 5	1 17	19 5	1 18	22 42	0 12	20 55	0 47	25 26	2 12	20 35	20 16	22 25			n.a.
F 24	22 18	9 18	4 53	23 13	1 44	17 30	1 21	6 28	1 16	5 1	1 17	19 7	1 18	22 41	0 12	20 55	0 47	25 26	2 12	20 34	20 15	22 27			n.a.
S 25	22 9	3 30	4 24	22 50	1 42	17 6	1 20	6 43	1 17	4 57	1 17	19 8	1 18	22 41	0 12	20 54	0 47	25 26	2 12	20 33	20 15	22 29			n.a.
S 26	21 59	2s35	3 40	22 25	1 39	16 42	1 19	6 59	1 17	4 53	1 17	19 9	1 18	22 41	0 12	20 54	0 47	25 27	2 12	20 33	20 14	22 31			n.a.
M27	21 50	8 40	2 42	21 58	1 36	16 17	1 17	7 15	1 18	4 49	1 16	19 10	1 18	22 41	0 12	20 53	0 47	25 27	2 12	20 33	20 13	22 33			n.a.
T 28	21 40	14 27	1 33	21 30	1 33	15 52	1 16	7 30	1 19	4 45	1 16	19 11	1 18	22 41	0 12	20 53	0 47	25 27	2 12	20 33	20 13	22 35			n.a.
W29	21 29	19 33	0 17	21 1	1 29	15 26	1 14	7 46	1 20	4 41	1 16	19 13	1 18	22 40	0 12	20 52	0 47	25 27	2 13	20 33	20 12	22 37			n.a.
T 30	21 18	23 33	1s 0	20 31	1 24	15 0	1 12	8 2	1 21	4 37	1 16	19 14	1 18	22 40	0 12	20 52	0 47	25 28	2 13	20 33	20 11	22 39			n.a.
F 31	21n 7	26s 1	2s15	19n59	1n20	14n33	1n11	8s18	1s21	4n33	1n16	19n15	1s18	22s40	0s12	20n51	0n47	25n28	2n13	20n32	20n11	22n41			n.a.

Julian Day Number = 1344666.5, Delta T = 07h12m40s
Ecliptic obliquity = 23°49'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'56, Lahiri = -18°11'56 Julian Calendar 1 July 1032 BCE == Greg. Calendar 21 June 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

AUGUST 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 58 50	27♋49'00	11♉12	9♌11	26♌ 4	18♎19	21♍45	0♊20	11°R 6	1♌44	17♊56	0°R14	28♉36	7♊33	n.a.	S 1
S 2	20 2 47	28°47'20	25°55	10°53	27°17	18°58	21°55	0°25	11♐ 5	1°47	17°57	0♊ 7	28°33	7°40	n.a.	S 2
M 3	20 6 44	29°45'41	10♒26	12°35	28°30	19°37	22° 6	0°31	11° 3	1°49	17°59	29♉58	28°30	7°47	n.a.	M 3
T 4	20 10 40	0♌44'05	24°39	14°15	29°44	20°17	22°16	0°36	11° 2	1°51	18° 0	29°49	28°26	7°53	n.a.	T 4
W 5	20 14 37	1°42'30	8♓29	15°55	0♍57	20°56	22°26	0°41	11° 1	1°53	18° 1	29°39	28°23	8° 0	n.a.	W 5
T 6	20 18 33	2°40'58	21°52	17°33	2°10	21°36	22°37	0°46	11° 0	1°55	18° 3	29°31	28°20	8° 6	n.a.	T 6
F 7	20 22 30	3°39'28	4♈50	19°10	3°23	22°15	22°48	0°51	10°59	1°58	18° 4	29°25	28°17	8°13	n.a.	F 7
S 8	20 26 26	4°38'00	17°24	20°46	4°36	22°55	22°58	0°56	10°57	2° 0	18° 5	29°22	28°14	8°20	n.a.	S 8
S 9	20 30 23	5°36'35	29°39	22°21	5°49	23°35	23° 9	1° 1	10°56	2° 2	18° 6	29°20	28°11	8°26	n.a.	S 9
M10	20 34 19	6°35'12	11♉40	23°55	7° 2	24°16	23°20	1° 5	10°55	2° 4	18° 7	29°D20	28° 7	8°33	n.a.	M10
T 11	20 38 16	7°33'51	23°31	25°28	8°15	24°56	23°31	1°10	10°54	2° 7	18° 9	29°R21	28° 4	8°40	n.a.	T 11
W12	20 42 13	8°32'33	5♊18	26°59	9°28	25°36	23°42	1°15	10°53	2° 9	18°10	29°20	28° 1	8°46	n.a.	W12
T 13	20 46 9	9°31'17	17° 7	28°30	10°42	26°17	23°53	1°19	10°52	2°11	18°11	29°19	27°58	8°53	n.a.	T 13
F 14	20 50 6	10°30'04	29° 1	29°59	11°55	26°57	24° 4	1°24	10°52	2°13	18°12	29°15	27°55	9° 0	n.a.	F 14
S 15	20 54 2	11°28'53	11♋ 6	1♍28	13° 8	27°38	24°16	1°28	10°51	2°15	18°13	29° 9	27°51	9° 6	n.a.	S 15
S 16	20 57 59	12°27'44	23°22	2°56	14°20	28°19	24°27	1°32	10°50	2°18	18°14	29° 0	27°48	9°13	n.a.	S 16
M17	21 1 55	13°26'37	5♌53	4°22	15°33	29° 0	24°38	1°36	10°49	2°20	18°15	28°48	27°45	9°20	n.a.	M17
T 18	21 5 52	14°25'33	18°39	5°48	16°46	29°42	24°50	1°40	10°49	2°22	18°16	28°36	27°42	9°26	n.a.	T 18
W19	21 9 48	15°24'30	1♍39	7°12	17°59	0♏23	25° 1	1°44	10°48	2°24	18°17	28°23	27°39	9°33	n.a.	W19
T 20	21 13 45	16°23'30	14°51	8°35	19°12	1° 4	25°13	1°48	10°48	2°26	18°18	28°11	27°36	9°40	n.a.	T 20
F 21	21 17 41	17°22'31	28°16	9°57	20°25	1°46	25°25	1°52	10°47	2°29	18°19	28° 1	27°32	9°46	n.a.	F 21
S 22	21 21 38	18°21'35	11♎50	11°18	21°38	2°28	25°37	1°55	10°47	2°31	18°20	27°54	27°29	9°53	n.a.	S 22
S 23	21 25 35	19°20'40	25°33	12°37	22°51	3°10	25°48	1°59	10°46	2°33	18°21	27°50	27°26	9°59	n.a.	S 23
M24	21 29 31	20°19'48	9♏25	13°55	24° 3	3°52	26° 0	2° 3	10°46	2°35	18°22	27°49	27°23	10° 6	n.a.	M24
T 25	21 33 28	21°18'57	23°24	15°12	25°16	4°34	26°12	2° 6	10°45	2°37	18°23	27°49	27°20	10°13	n.a.	T 25
W26	21 37 24	22°18'08	7♐32	16°27	26°29	5°16	26°24	2° 9	10°45	2°39	18°24	27°48	27°17	10°19	n.a.	W26
T 27	21 41 21	23°17'22	21°47	17°41	27°42	5°58	26°36	2°12	10°45	2°41	18°25	27°47	27°13	10°26	n.a.	T 27
F 28	21 45 17	24°16'37	6♑ 7	18°53	28°54	6°40	26°48	2°15	10°45	2°44	18°26	27°43	27°10	10°33	n.a.	F 28
S 29	21 49 14	25°15'54	20°28	20° 3	0♎ 7	7°23	27° 1	2°18	10°45	2°46	18°26	27°37	27° 7	10°39	n.a.	S 29
S 30	21 53 10	26°15'13	4♒47	21°12	1°19	8° 5	27°13	2°21	10°45	2°48	18°27	27°28	27° 4	10°46	n.a.	S 30
M31	21 57 7	27♌14'34	18♒58	22♍18	2♎32	8♏48	27♍25	2♊24	10°D45	2♌50	18♊28	27♉16	27♉ 1	10♊53	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n56	26s40	3s21	19n27	1n15	14n 7	1n 9	8s33	1s22	4n28	1n15	19n16	1s18	22s40	0s12	20n51	0n47	25n28	2n13	20n31	20n10	22n43		n.a.
S 2	20 44	25 26	4 12	18 53	1 10	13 39	1 7	8 49	1 23	4 24	1 15	19 17	1 18	22 40	0 12	20 50	0 47	25 28	2 13	20 30	20 9	22 44		n.a.
M 3	20 31	22 30	4 47	18 19	1 4	13 12	1 5	9 5	1 23	4 20	1 15	19 18	1 18	22 39	0 12	20 50	0 47	25 29	2 13	20 28	20 8	22 46		n.a.
T 4	20 19	18 15	5 3	17 44	0 58	12 44	1 3	9 20	1 24	4 15	1 15	19 19	1 18	22 39	0 12	20 49	0 47	25 29	2 13	20 26	20 8	22 48		n.a.
W 5	20 6	13 9	5 1	17 9	0 52	12 16	1 1	9 36	1 25	4 11	1 15	19 20	1 19	22 39	0 12	20 49	0 47	25 29	2 13	20 24	20 7	22 50		n.a.
T 6	19 52	7 34	4 42	16 33	0 46	11 47	0 59	9 52	1 25	4 7	1 14	19 21	1 19	22 39	0 12	20 48	0 47	25 29	2 13	20 22	20 6	22 52		n.a.
F 7	19 39	1 51	4 9	15 56	0 40	11 18	0 57	10 8	1 26	4 2	1 14	19 22	1 19	22 39	0 12	20 48	0 47	25 29	2 14	20 21	20 6	22 54		n.a.
S 8	19 24	3n48	3 24	15 19	0 33	10 49	0 55	10 23	1 27	3 58	1 14	19 23	1 19	22 39	0 12	20 47	0 47	25 30	2 14	20 20	20 5	22 56		n.a.
S 9	19 10	9 10	2 31	14 42	0 26	10 20	0 52	10 39	1 27	3 53	1 14	19 24	1 19	22 38	0 12	20 47	0 47	25 30	2 14	20 20	20 4	22 58		n.a.
M10	18 55	14 6	1 33	14 4	0 19	9 50	0 50	10 55	1 28	3 49	1 14	19 25	1 19	22 38	0 12	20 46	0 47	25 30	2 14	20 20	20 3	23 0		n.a.
T 11	18 40	18 27	0 31	13 25	0 12	9 20	0 48	11 10	1 28	3 44	1 13	19 26	1 19	22 38	0 12	20 46	0 47	25 30	2 14	20 20	20 3	23 2		n.a.
W12	18 25	22 3	0n32	12 47	0 5	8 50	0 45	11 26	1 29	3 39	1 13	19 27	1 19	22 38	0 12	20 45	0 47	25 30	2 14	20 20	20 2	23 4		n.a.
T 13	18 9	24 44	1 33	12 8	0s 3	8 20	0 43	11 41	1 30	3 35	1 13	19 28	1 19	22 38	0 12	20 45	0 47	25 31	2 14	20 19	20 1	23 6		n.a.
F 14	17 53	26 20	2 31	11 30	0 10	7 49	0 40	11 57	1 30	3 30	1 13	19 29	1 19	22 38	0 12	20 44	0 47	25 31	2 14	20 19	20 0	23 8		n.a.
S 15	17 37	26 43	3 22	10 51	0 18	7 18	0 37	12 12	1 31	3 26	1 13	19 30	1 19	22 38	0 12	20 44	0 47	25 31	2 14	20 17	20 0	23 10		n.a.
S 16	17 20	25 47	4 6	10 12	0 25	6 47	0 35	12 28	1 31	3 21	1 13	19 30	1 19	22 37	0 12	20 43	0 47	25 31	2 15	20 15	19 59	23 12		n.a.
M17	17 3	23 34	4 38	9 33	0 33	6 16	0 32	12 43	1 32	3 16	1 12	19 31	1 19	22 37	0 12	20 43	0 47	25 32	2 15	20 13	19 58	23 13		n.a.
T 18	16 46	20 9	4 56	8 54	0 41	5 45	0 29	12 58	1 32	3 11	1 12	19 32	1 19	22 37	0 12	20 42	0 47	25 32	2 15	20 10	19 58	23 15		n.a.
W19	16 28	15 43	5 0	8 15	0 49	5 14	0 26	13 14	1 32	3 6	1 12	19 33	1 19	22 37	0 12	20 42	0 47	25 32	2 15	20 7	19 57	23 17		n.a.
T 20	16 10	10 28	4 48	7 37	0 56	4 42	0 24	13 29	1 33	3 2	1 12	19 33	1 19	22 37	0 12	20 42	0 47	25 32	2 15	20 4	19 56	23 19		n.a.
F 21	15 52	4 40	4 21	6 58	1 4	4 10	0 21	13 44	1 33	2 57	1 12	19 34	1 19	22 37	0 12	20 41	0 47	25 32	2 15	20 2	19 55	23 21		n.a.
S 22	15 34	1s25	3 38	6 20	1 12	3 38	0 18	13 59	1 34	2 52	1 12	19 35	1 19	22 37	0 12	20 41	0 47	25 33	2 15	20 0	19 55	23 23		n.a.
S 23	15 15	7 32	2 42	5 42	1 20	3 7	0 15	14 14	1 34	2 47	1 12	19 36	1 19	22 37	0 12	20 40	0 47	25 33	2 15	20 0	19 54	23 25		n.a.
M24	14 56	13 21	1 36	5 5	1 28	2 35	0 12	14 29	1 35	2 42	1 11	19 36	1 19	22 37	0 12	20 40	0 47	25 33	2 15	19 59	19 53	23 26		n.a.
T 25	14 37	18 33	0 23	4 28	1 35	2 2	0 9	14 44	1 35	2 37	1 11	19 37	1 19	22 37	0 12	20 39	0 47	25 33	2 16	19 59	19 52	23 28		n.a.
W26	14 18	22 45	0s51	3 51	1 43	1 30	0 6	14 59	1 35	2 32	1 11	19 37	1 20	22 37	0 12	20 39	0 47	25 33	2 16	19 59	19 52	23 30		n.a.
T 27	13 58	25 36	2 3	3 15	1 51	0 58	0 2	15 13	1 36	2 27	1 11	19 38	1 20	22 37	0 12	20 38	0 47	25 34	2 16	19 59	19 51	23 32		n.a.
F 28	13 38	26 48	3 8	2 40	1 58	0 26	0s 1	15 28	1 36	2 22	1 11	19 39	1 20	22 37	0 12	20 38	0 47	25 34	2 16	19 58	19 50	23 34		n.a.
S 29	13 18	26 11	4 0	2 5	2 5	0s 6	0 4	15 42	1 36	2 17	1 11	19 39	1 20	22 37	0 12	20 37	0 47	25 34	2 16	19 56	19 50	23 36		n.a.
S 30	12 58	23 51	4 37	1 31	2 13	0 39	0 7	15 57	1 37	2 12	1 11	19 40	1 20	22 37	0 12	20 37	0 47	25 34	2 16	19 54	19 49	23 37		n.a.
M31	12n37	20s 4	4s57	0n58	2s20	1s11	0s10	16s11	1s37	2n 7	1n10	19n40	1s20	22s37	0s12	20n36	0n47	25n34	2n16	19n52	19n48	23n39		n.a.

Julian Day Number = 1344697.5, Delta T = 07h12m38s
Ecliptic obliquity = 23°49'10, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'52, Lahiri = -18°11'51 Julian Calendar 1 Aug. 1032 BCE == Greg. Calendar 22 July 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

SEPTEMBER 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 1 4	28♌13'57	2♓54	23♍23	3♎44	9♏31	27♍38	2♊27	10♐45	2♌52	18♊29	27°R 4	26♉57	10♊59	n.a.	T 1
W 2	22 5 0	29°13'23	16°32	24°25	4°57	10°14	27°50	2°29	10°45	2°54	18°29	26♉51	26°54	11° 6	n.a.	W 2
T 3	22 8 57	0♍12'50	29°49	25°24	6° 9	10°57	28° 2	2°32	10°45	2°56	18°30	26°41	26°51	11°13	n.a.	T 3
F 4	22 12 53	1°12'20	12♈44	26°21	7°22	11°40	28°15	2°34	10°45	2°58	18°31	26°32	26°48	11°19	n.a.	F 4
S 5	22 16 50	2°11'52	25°17	27°14	8°34	12°23	28°27	2°36	10°45	3° 0	18°31	26°26	26°45	11°26	n.a.	S 5
S 6	22 20 46	3°11'27	7♉32	28° 5	9°46	13° 6	28°40	2°39	10°46	3° 2	18°32	26°23	26°42	11°33	n.a.	S 6
M 7	22 24 43	4°11'04	19°33	28°51	10°59	13°49	28°53	2°41	10°46	3° 4	18°32	26°22	26°38	11°39	n.a.	M 7
T 8	22 28 39	5°10'44	1♊25	29°34	12°11	14°33	29° 5	2°43	10°46	3° 6	18°33	26°22	26°35	11°46	n.a.	T 8
W 9	22 32 36	6°10'26	13°13	0♎12	13°23	15°16	29°18	2°44	10°47	3° 8	18°34	26°22	26°32	11°53	n.a.	W 9
T 10	22 36 32	7°10'10	25° 2	0°45	14°35	16° 0	29°31	2°46	10°47	3°10	18°34	26°21	26°29	11°59	n.a.	T 10
F 11	22 40 29	8° 9'57	6♋59	1°13	15°47	16°44	29°44	2°48	10°48	3°12	18°35	26°17	26°26	12° 6	n.a.	F 11
S 12	22 44 26	9° 9'46	19° 8	1°36	16°59	17°27	29°56	2°49	10°49	3°14	18°35	26°11	26°22	12°12	n.a.	S 12
S 13	22 48 22	10° 9'38	1♌33	1°51	18°11	18°11	0♎ 9	2°51	10°49	3°16	18°35	26° 3	26°19	12°19	n.a.	S 13
M14	22 52 19	11° 9'32	14°16	2° 0	19°24	18°55	0°22	2°52	10°50	3°17	18°36	25°52	26°16	12°26	n.a.	M14
T 15	22 56 15	12° 9'28	27°18	2°R 2	20°35	19°39	0°35	2°53	10°51	3°19	18°36	25°40	26°13	12°32	n.a.	T 15
W16	23 0 12	13° 9'26	10♍38	1°55	21°47	20°23	0°48	2°54	10°51	3°21	18°37	25°27	26°10	12°39	n.a.	W16
T 17	23 4 8	14° 9'26	24°15	1°40	22°59	21° 7	1° 1	2°55	10°52	3°23	18°37	25°16	26° 7	12°46	n.a.	T 17
F 18	23 8 5	15° 9'28	8♎ 4	1°16	24°11	21°51	1°14	2°56	10°53	3°25	18°37	25° 6	26° 3	12°52	n.a.	F 18
S 19	23 12 1	16° 9'32	22° 3	0°43	25°23	22°36	1°27	2°56	10°54	3°26	18°38	24°59	26° 0	12°59	n.a.	S 19
S 20	23 15 58	17° 9'38	6♏ 8	0° 1	26°35	23°20	1°40	2°57	10°55	3°28	18°38	24°56	25°57	13° 6	n.a.	S 20
M21	23 19 54	18° 9'46	20°15	29♍10	27°46	24° 5	1°53	2°58	10°56	3°30	18°38	24°D54	25°54	13°12	n.a.	M21
T 22	23 23 51	19° 9'55	4♐23	28°10	28°58	24°49	2° 7	2°58	10°57	3°32	18°38	24°54	25°51	13°19	n.a.	T 22
W23	23 27 48	20°10'06	18°30	27° 4	0♏10	25°34	2°20	2°58	10°59	3°33	18°38	24°R55	25°48	13°26	n.a.	W23
T 24	23 31 44	21°10'19	2♑35	25°52	1°21	26°18	2°33	2°58	11° 0	3°35	18°39	24°54	25°44	13°32	n.a.	T 24
F 25	23 35 41	22°10'34	16°37	24°35	2°33	27° 3	2°46	2°R58	11° 1	3°36	18°39	24°52	25°41	13°39	n.a.	F 25
S 26	23 39 37	23°10'50	0♒35	23°17	3°44	27°48	2°59	2°58	11° 2	3°38	18°39	24°47	25°38	13°46	n.a.	S 26
S 27	23 43 34	24°11'08	14°27	22° 0	4°55	28°32	3°13	2°58	11° 4	3°40	18°39	24°39	25°35	13°52	n.a.	S 27
M28	23 47 30	25°11'27	28°11	20°45	6° 7	29°17	3°26	2°58	11° 5	3°41	18°39	24°30	25°32	13°59	n.a.	M28
T 29	23 51 27	26°11'48	11♓42	19°36	7°18	0♐ 2	3°39	2°57	11° 7	3°43	18°R39	24°19	25°28	14° 6	n.a.	T 29
W30	23 55 23	27♍12'11	24♓59	18♍35	8♏29	0♐47	3♎52	2♊57	11♐ 8	3♌44	18♊39	24♉ 9	25♉25	14♊12	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n17	15s14	4s59	0n26	2s26	1s43	0s14	16s25	1s37	2n 2	1n10	19n41	1s20	22s37	0s12	20n36	0n47	25n35	2n16	19n49	19n47	23n41		n.a.
W 2	11 56	9 43	4 43	0s 5	2 33	2 15	0 17	16 39	1 37	1 57	1 10	19 41	1 20	22 37	0 12	20 35	0 47	25 35	2 17	19 46	19 47	23 43		n.a.
T 3	11 34	3 55	4 12	0 35	2 39	2 47	0 20	16 53	1 38	1 52	1 10	19 41	1 20	22 37	0 12	20 35	0 47	25 35	2 17	19 43	19 46	23 45		n.a.
F 4	11 13	1n54	3 29	1 3	2 45	3 20	0 24	17 7	1 38	1 46	1 10	19 42	1 20	22 37	0 12	20 34	0 47	25 35	2 17	19 41	19 45	23 46		n.a.
S 5	10 51	7 30	2 37	1 30	2 51	3 52	0 27	17 21	1 38	1 41	1 10	19 42	1 20	22 37	0 12	20 34	0 47	25 35	2 17	19 40	19 44	23 48		n.a.
S 6	10 30	12 42	1 38	1 55	2 56	4 24	0 30	17 35	1 38	1 36	1 10	19 43	1 20	22 37	0 12	20 34	0 47	25 35	2 17	19 39	19 44	23 50		n.a.
M 7	10 8	17 19	0 36	2 18	3 1	4 55	0 34	17 48	1 39	1 31	1 10	19 43	1 20	22 37	0 12	20 33	0 48	25 36	2 17	19 39	19 43	23 52		n.a.
T 8	9 46	21 12	0n27	2 39	3 5	5 27	0 37	18 2	1 39	1 26	1 9	19 43	1 20	22 37	0 12	20 33	0 48	25 36	2 17	19 39	19 42	23 54		n.a.
W 9	9 23	24 12	1 28	2 58	3 9	5 59	0 40	18 15	1 39	1 20	1 9	19 44	1 20	22 37	0 12	20 32	0 48	25 36	2 17	19 39	19 41	23 55		n.a.
T 10	9 1	26 9	2 26	3 14	3 12	6 31	0 44	18 28	1 39	1 15	1 9	19 44	1 20	22 37	0 12	20 32	0 48	25 36	2 18	19 39	19 41	23 57		n.a.
F 11	8 38	26 55	3 18	3 28	3 15	7 2	0 47	18 41	1 39	1 10	1 9	19 44	1 20	22 37	0 12	20 31	0 48	25 36	2 18	19 38	19 40	23 59		n.a.
S 12	8 16	26 25	4 1	3 38	3 16	7 33	0 51	18 54	1 39	1 5	1 9	19 44	1 21	22 37	0 12	20 31	0 48	25 36	2 18	19 36	19 39	24 1		n.a.
S 13	7 53	24 35	4 35	3 45	3 17	8 4	0 54	19 7	1 40	0 59	1 9	19 45	1 21	22 37	0 12	20 31	0 48	25 37	2 18	19 34	19 38	24 2		n.a.
M14	7 30	21 31	4 55	3 48	3 16	8 35	0 57	19 19	1 40	0 54	1 9	19 45	1 21	22 37	0 12	20 30	0 48	25 37	2 18	19 32	19 38	24 4		n.a.
T 15	7 6	17 18	5 1	3 47	3 14	9 6	1 1	19 31	1 40	0 49	1 9	19 45	1 21	22 38	0 12	20 30	0 48	25 37	2 18	19 29	19 37	24 6		n.a.
W16	6 43	12 10	4 51	3 41	3 11	9 37	1 4	19 44	1 40	0 43	1 9	19 45	1 21	22 38	0 12	20 29	0 48	25 37	2 18	19 26	19 36	24 8		n.a.
T 17	6 20	6 21	4 24	3 31	3 6	10 7	1 7	19 56	1 40	0 38	1 9	19 45	1 21	22 38	0 12	20 29	0 48	25 37	2 18	19 23	19 35	24 9		n.a.
F 18	5 56	0 8	3 42	3 16	3 0	10 37	1 11	20 8	1 40	0 33	1 8	19 45	1 21	22 38	0 12	20 29	0 48	25 37	2 19	19 21	19 34	24 11		n.a.
S 19	5 33	6s10	2 45	2 55	2 52	11 7	1 14	20 19	1 40	0 27	1 8	19 45	1 21	22 38	0 12	20 28	0 48	25 38	2 19	19 19	19 34	24 13		n.a.
S 20	5 9	12 14	1 38	2 29	2 43	11 37	1 18	20 31	1 40	0 22	1 8	19 45	1 21	22 38	0 12	20 28	0 48	25 38	2 19	19 18	19 33	24 14		n.a.
M21	4 45	17 42	0 25	1 58	2 31	12 6	1 21	20 42	1 40	0 17	1 8	19 45	1 21	22 38	0 12	20 27	0 48	25 38	2 19	19 18	19 32	24 16		n.a.
T 22	4 21	22 11	0s50	1 21	2 17	12 35	1 24	20 54	1 40	0 11	1 8	19 45	1 21	22 38	0 12	20 27	0 48	25 38	2 19	19 18	19 31	24 18		n.a.
W23	3 57	25 21	2 2	0 40	2 2	13 4	1 27	21 5	1 40	0 6	1 8	19 45	1 21	22 39	0 12	20 27	0 48	25 38	2 19	19 18	19 31	24 19		n.a.
T 24	3 33	26 54	3 7	0n 4	1 45	13 33	1 31	21 15	1 40	0 0	1 8	19 45	1 21	22 39	0 12	20 26	0 48	25 38	2 19	19 18	19 30	24 21		n.a.
F 25	3 9	26 44	4 0	0 52	1 26	14 1	1 34	21 26	1 40	0s 5	1 8	19 45	1 21	22 39	0 12	20 26	0 48	25 38	2 19	19 17	19 29	24 23		n.a.
S 26	2 45	24 52	4 38	1 41	1 6	14 29	1 37	21 36	1 40	0 10	1 8	19 45	1 21	22 39	0 12	20 26	0 48	25 39	2 20	19 16	19 28	24 24		n.a.
S 27	2 21	21 31	4 59	2 31	0 46	14 56	1 40	21 47	1 40	0 16	1 8	19 45	1 21	22 39	0 12	20 25	0 48	25 39	2 20	19 14	19 28	24 26		n.a.
M28	1 56	17 2	5 4	3 20	0 25	15 23	1 43	21 57	1 40	0 21	1 8	19 45	1 21	22 40	0 12	20 25	0 48	25 39	2 20	19 12	19 27	24 28		n.a.
T 29	1 32	11 45	4 51	4 6	0 5	15 50	1 46	22 6	1 40	0 27	1 8	19 45	1 22	22 40	0 12	20 25	0 48	25 39	2 20	19 9	19 26	24 29		n.a.
W30	1n 8	6s 1	4s22	4n49	0n15	16s17	1s49	22s16	1s40	0s32	1n 8	19n45	1s22	22s40	0s12	20n24	0n48	25n39	2n20	19n 7	19n25	24n31		n.a.

Julian Day Number = 1344728.5, Delta T = 07h12m37s
Ecliptic obliquity = 23°49'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'48, Lahiri = -18°11'47 Julian Calendar 1 Sept. 1032 BCE == Greg. Calendar 22 Aug. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

OCTOBER 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 20	28♍12'36	8♈ 0	17°R43	9♏40	1♐32	4♎ 6	2°R56	11♐10	3♑46	18°R39	24°R 0	25♉22	14♊19	n.a.	T 1
F 2	0 3 17	29°13'02	20°44	17♍ 2	10°51	2°17	4°19	2♊55	11°11	3°47	18♊39	23♉53	25°19	14°26	n.a.	F 2
S 3	0 7 13	0♎13'30	3♉10	16°31	12° 2	3° 2	4°32	2°54	11°13	3°49	18°39	23°48	25°16	14°32	n.a.	S 3
S 4	0 11 10	1°14'01	15°22	16°13	13°13	3°47	4°46	2°53	11°15	3°50	18°39	23°46	25°13	14°39	n.a.	S 4
M 5	0 15 6	2°14'33	27°21	16°D 6	14°24	4°33	4°59	2°52	11°16	3°51	18°39	23°D46	25° 9	14°45	n.a.	M 5
T 6	0 19 3	3°15'07	9♊13	16°11	15°34	5°18	5°12	2°51	11°18	3°53	18°38	23°47	25° 6	14°52	n.a.	T 6
W 7	0 22 59	4°15'44	21° 1	16°26	16°45	6° 3	5°26	2°50	11°20	3°54	18°38	23°48	25° 3	14°59	n.a.	W 7
T 8	0 26 56	5°16'22	2♋50	16°51	17°55	6°48	5°39	2°48	11°22	3°55	18°38	23°R49	25° 0	15° 5	n.a.	T 8
F 9	0 30 52	6°17'02	14°47	17°25	19° 6	7°34	5°53	2°47	11°24	3°57	18°38	23°48	24°57	15°12	n.a.	F 9
S 10	0 34 49	7°17'44	26°56	18° 7	20°16	8°19	6° 6	2°45	11°26	3°58	18°38	23°46	24°54	15°19	n.a.	S 10
S 11	0 38 46	8°18'27	9♌22	18°57	21°26	9° 5	6°19	2°43	11°28	3°59	18°37	23°42	24°50	15°25	n.a.	S 11
M12	0 42 42	9°19'13	22° 9	19°52	22°37	9°50	6°33	2°42	11°30	4° 0	18°37	23°36	24°47	15°32	n.a.	M12
T 13	0 46 39	10°20'00	5♍18	20°54	23°47	10°36	6°46	2°40	11°32	4° 1	18°37	23°29	24°44	15°39	n.a.	T 13
W14	0 50 35	11°20'48	18°51	22° 0	24°57	11°21	6°59	2°37	11°34	4° 2	18°36	23°21	24°41	15°45	n.a.	W14
T 15	0 54 32	12°21'39	2♎46	23°11	26° 7	12° 7	7°13	2°35	11°36	4° 3	18°36	23°14	24°38	15°52	n.a.	T 15
F 16	0 58 28	13°22'31	16°59	24°25	27°17	12°52	7°26	2°33	11°38	4° 5	18°35	23° 8	24°34	15°59	n.a.	F 16
S 17	1 2 25	14°23'24	1♏25	25°42	28°26	13°38	7°39	2°31	11°41	4° 6	18°35	23° 5	24°31	16° 5	n.a.	S 17
S 18	1 6 21	15°24'18	15°57	27° 1	29°36	14°24	7°53	2°28	11°43	4° 7	18°34	23° 3	24°28	16°12	n.a.	S 18
M19	1 10 18	16°25'14	0♐30	28°23	0♐45	15°10	8° 6	2°25	11°45	4° 8	18°34	23°D 3	24°25	16°19	n.a.	M19
T 20	1 14 15	17°26'11	14°59	29°47	1°55	15°55	8°19	2°23	11°48	4° 8	18°33	23° 4	24°22	16°25	n.a.	T 20
W21	1 18 11	18°27'09	29°19	1♎12	3° 4	16°41	8°33	2°20	11°50	4° 9	18°33	23° 6	24°19	16°32	n.a.	W21
T 22	1 22 8	19°28'08	13♑29	2°39	4°13	17°27	8°46	2°17	11°53	4°10	18°32	23°R 7	24°15	16°39	n.a.	T 22
F 23	1 26 4	20°29'07	27°27	4° 7	5°22	18°13	8°59	2°14	11°55	4°11	18°32	23° 7	24°12	16°45	n.a.	F 23
S 24	1 30 1	21°30'08	11♒12	5°36	6°31	18°59	9°12	2°11	11°58	4°12	18°31	23° 5	24° 9	16°52	n.a.	S 24
S 25	1 33 57	22°31'09	24°44	7° 5	7°40	19°44	9°26	2° 8	12° 0	4°13	18°31	23° 2	24° 6	16°59	n.a.	S 25
M26	1 37 54	23°32'11	8♓ 3	8°35	8°48	20°30	9°39	2° 5	12° 3	4°13	18°30	22°58	24° 3	17° 5	n.a.	M26
T 27	1 41 50	24°33'14	21° 9	10° 6	9°57	21°16	9°52	2° 1	12° 5	4°14	18°29	22°53	23°59	17°12	n.a.	T 27
W28	1 45 47	25°34'18	4♈ 2	11°37	11° 5	22° 2	10° 5	1°58	12° 8	4°15	18°29	22°48	23°56	17°19	n.a.	W28
T 29	1 49 44	26°35'22	16°42	13° 9	12°13	22°48	10°18	1°54	12°11	4°15	18°28	22°44	23°53	17°25	n.a.	T 29
F 30	1 53 40	27°36'28	29° 9	14°40	13°21	23°34	10°31	1°51	12°14	4°16	18°27	22°41	23°50	17°32	n.a.	F 30
S 31	1 57 37	28♎37'34	11♉24	16♎12	14♐28	24♐20	10♎44	1♊47	12♐16	4♑16	18♊26	22♉39	23♉47	17♊39	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0n43	0s 8	3s40	5n27	0n34	16s43	1s52	22s25	1s40	0s37	1n 8	19n45	1s22	22s40	0s12	20n24	0n48	25n39	2n20	19n 4	19n25	24n33			n.a.
F 2	0 19	5n38	2 48	5 59	0 51	17 8	1 55	22 35	1 40	0 43	1 7	19 44	1 22	22 40	0 12	20 24	0 48	25 39	2 20	19 2	19 24	24 34			n.a.
S 3	0s 5	11 4	1 48	6 26	1 8	17 33	1 58	22 44	1 40	0 48	1 7	19 44	1 22	22 41	0 12	20 23	0 48	25 40	2 21	19 1	19 23	24 36			n.a.
S 4	0 30	15 59	0 45	6 47	1 22	17 58	2 1	22 52	1 40	0 54	1 7	19 44	1 22	22 41	0 12	20 23	0 48	25 40	2 21	19 1	19 22	24 37			n.a.
M 5	0 54	20 12	0n19	7 1	1 35	18 22	2 4	23 1	1 39	0 59	1 7	19 44	1 22	22 41	0 12	20 23	0 48	25 40	2 21	19 1	19 21	24 39			n.a.
T 6	1 19	23 32	1 22	7 9	1 45	18 46	2 6	23 9	1 39	1 4	1 7	19 43	1 22	22 41	0 12	20 22	0 48	25 40	2 21	19 1	19 21	24 41			n.a.
W 7	1 43	25 52	2 22	7 11	1 54	19 10	2 9	23 17	1 39	1 10	1 7	19 43	1 22	22 42	0 12	20 22	0 48	25 40	2 21	19 1	19 20	24 42			n.a.
T 8	2 8	27 2	3 15	7 8	2 2	19 33	2 12	23 25	1 39	1 15	1 7	19 43	1 22	22 42	0 12	20 22	0 48	25 40	2 21	19 1	19 19	24 44			n.a.
F 9	2 32	26 58	4 1	7 0	2 8	19 55	2 14	23 33	1 39	1 21	1 7	19 42	1 22	22 42	0 12	20 22	0 49	25 40	2 21	19 1	19 18	24 45			n.a.
S 10	2 56	25 37	4 36	6 48	2 12	20 17	2 17	23 40	1 39	1 26	1 7	19 42	1 22	22 42	0 12	20 21	0 49	25 40	2 21	19 1	19 18	24 47			n.a.
S 11	3 21	23 0	5 0	6 31	2 16	20 38	2 19	23 47	1 39	1 31	1 7	19 42	1 22	22 43	0 12	20 21	0 49	25 40	2 22	19 0	19 17	24 49			n.a.
M12	3 45	19 12	5 9	6 10	2 18	20 59	2 21	23 54	1 38	1 37	1 7	19 41	1 22	22 43	0 12	20 21	0 49	25 41	2 22	18 58	19 16	24 50			n.a.
T 13	4 9	14 23	5 3	5 47	2 18	21 20	2 23	24 1	1 38	1 42	1 7	19 41	1 22	22 43	0 12	20 21	0 49	25 41	2 22	18 56	19 15	24 52			n.a.
W14	4 33	8 45	4 39	5 20	2 18	21 39	2 26	24 7	1 38	1 48	1 7	19 40	1 22	22 44	0 12	20 20	0 49	25 41	2 22	18 54	19 14	24 53			n.a.
T 15	4 58	2 32	3 59	4 51	2 17	21 59	2 28	24 13	1 38	1 53	1 7	19 40	1 22	22 44	0 12	20 20	0 49	25 41	2 22	18 53	19 14	24 55			n.a.
F 16	5 22	3s57	3 3	4 19	2 16	22 17	2 30	24 19	1 37	1 58	1 7	19 39	1 22	22 44	0 12	20 20	0 49	25 41	2 22	18 51	19 13	24 56			n.a.
S 17	5 46	10 21	1 55	3 46	2 13	22 35	2 32	24 24	1 37	2 4	1 7	19 39	1 22	22 45	0 12	20 20	0 49	25 41	2 22	18 50	19 12	24 58			n.a.
S 18	6 10	16 16	0 39	3 11	2 10	22 53	2 34	24 30	1 37	2 9	1 7	19 38	1 22	22 45	0 12	20 20	0 49	25 41	2 22	18 50	19 11	24 59			n.a.
M19	6 33	21 14	0s41	2 35	2 6	23 10	2 35	24 35	1 37	2 14	1 7	19 38	1 22	22 45	0 12	20 19	0 49	25 41	2 23	18 50	19 10	25 1			n.a.
T 20	6 57	24 54	1 57	1 57	2 2	23 26	2 37	24 40	1 36	2 20	1 7	19 37	1 22	22 46	0 12	20 19	0 49	25 41	2 23	18 50	19 10	25 2			n.a.
W21	7 21	26 54	3 5	1 18	1 58	23 42	2 39	24 44	1 36	2 25	1 7	19 37	1 22	22 46	0 12	20 19	0 49	25 41	2 23	18 50	19 9	25 4			n.a.
T 22	7 44	27 7	4 1	0 39	1 53	23 57	2 40	24 48	1 36	2 30	1 7	19 36	1 22	22 46	0 12	20 19	0 49	25 41	2 23	18 51	19 8	25 5			n.a.
F 23	8 8	25 36	4 42	0s 1	1 48	24 11	2 41	24 52	1 36	2 36	1 7	19 36	1 22	22 47	0 12	20 19	0 49	25 41	2 23	18 51	19 7	25 7			n.a.
S 24	8 31	22 35	5 6	0 42	1 42	24 25	2 43	24 56	1 35	2 41	1 7	19 35	1 22	22 47	0 12	20 18	0 49	25 42	2 23	18 50	19 6	25 8			n.a.
S 25	8 54	18 23	5 13	1 23	1 36	24 38	2 44	25 0	1 35	2 46	1 7	19 34	1 22	22 47	0 12	20 18	0 49	25 42	2 23	18 49	19 6	25 10			n.a.
M26	9 17	13 20	5 2	2 5	1 30	24 50	2 45	25 3	1 35	2 52	1 7	19 34	1 22	22 48	0 12	20 18	0 49	25 42	2 23	18 48	19 5	25 11			n.a.
T 27	9 40	7 46	4 36	2 46	1 24	25 2	2 46	25 6	1 34	2 57	1 7	19 33	1 22	22 48	0 12	20 18	0 49	25 42	2 24	18 47	19 4	25 13			n.a.
W28	10 2	1 58	3 56	3 28	1 18	25 13	2 47	25 8	1 34	3 2	1 7	19 32	1 22	22 48	0 12	20 18	0 49	25 42	2 24	18 46	19 3	25 14			n.a.
T 29	10 25	3n50	3 5	4 11	1 11	25 23	2 47	25 11	1 34	3 7	1 7	19 32	1 22	22 49	0 12	20 18	0 49	25 42	2 24	18 45	19 2	25 16			n.a.
F 30	10 47	9 23	2 6	4 53	1 5	25 32	2 48	25 13	1 33	3 13	1 7	19 31	1 22	22 49	0 12	20 18	0 49	25 42	2 24	18 44	19 2	25 17			n.a.
S 31	11s 9	14n31	1s 2	5s35	0n58	25s41	2s49	25s15	1s33	3s18	1n 7	19n30	1s22	22s49	0s12	20n18	0n49	25n42	2n24	18n44	19n 1	25n19			n.a.

Julian Day Number = 1344758.5, Delta T = 07h12m35s
Ecliptic obliquity = 23°49'11, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'44, Lahiri = -18°11'43 Julian Calendar 1 Oct. 1032 BCE == Greg. Calendar 21 Sept. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

NOVEMBER 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 33	29♎38'42	23♉29	17♎45	15♐36	25♐ 6	10♎57	1°R43	12♐19	4♌17	18°R25	22°D38	23♉44	17♊45	n.a.	S 1
M 2	2 5 30	0♏39'50	5♊24	19°17	16°43	25°52	11°10	1♊39	12°22	4°17	18♊25	22♉39	23°40	17°52	n.a.	M 2
T 3	2 9 26	1°41'00	17°14	20°50	17°51	26°38	11°23	1°35	12°25	4°18	18°24	22°40	23°37	17°59	n.a.	T 3
W 4	2 13 23	2°42'10	29° 2	22°22	18°58	27°24	11°36	1°31	12°28	4°18	18°23	22°42	23°34	18° 5	n.a.	W 4
T 5	2 17 19	3°43'21	10♋51	23°55	20° 4	28°10	11°49	1°27	12°31	4°19	18°22	22°44	23°31	18°12	n.a.	T 5
F 6	2 21 16	4°44'34	22°47	25°28	21°11	28°56	12° 2	1°23	12°34	4°19	18°21	22°45	23°28	18°19	n.a.	F 6
S 7	2 25 13	5°45'47	4♌53	27° 1	22°17	29°42	12°15	1°19	12°37	4°19	18°20	22°R45	23°25	18°25	n.a.	S 7
S 8	2 29 9	6°47'01	17°16	28°35	23°23	0♍28	12°28	1°15	12°40	4°20	18°19	22°45	23°21	18°32	n.a.	S 8
M 9	2 33 6	7°48'16	29°59	0♏ 8	24°29	1°14	12°41	1°10	12°43	4°20	18°18	22°44	23°18	18°38	n.a.	M 9
T 10	2 37 2	8°49'32	13♍ 5	1°42	25°35	2° 0	12°53	1° 6	12°46	4°20	18°18	22°42	23°15	18°45	n.a.	T 10
W11	2 40 59	9°50'48	26°38	3°15	26°40	2°47	13° 6	1° 2	12°49	4°20	18°17	22°41	23°12	18°52	n.a.	W11
T 12	2 44 55	10°52'05	10♎37	4°49	27°46	3°33	13°19	0°57	12°52	4°21	18°16	22°39	23° 9	18°58	n.a.	T 12
F 13	2 48 52	11°53'22	25° 0	6°23	28°51	4°19	13°31	0°53	12°55	4°21	18°14	22°38	23° 5	19° 5	n.a.	F 13
S 14	2 52 48	12°54'40	9♏43	7°57	29°55	5° 5	13°44	0°48	12°58	4°21	18°13	22°37	23° 2	19°12	n.a.	S 14
S 15	2 56 45	13°55'59	24°38	9°31	1♍ 0	5°51	13°56	0°43	13° 1	4°21	18°12	22°D37	22°59	19°18	n.a.	S 15
M16	3 0 42	14°57'18	9♐38	11° 5	2° 4	6°37	14° 9	0°39	13° 5	4°R21	18°11	22°37	22°56	19°25	n.a.	M16
T 17	3 4 38	15°58'37	24°33	12°40	3° 8	7°23	14°21	0°34	13° 8	4°21	18°10	22°37	22°53	19°32	n.a.	T 17
W18	3 8 35	16°59'56	9♍17	14°15	4°11	8° 9	14°33	0°29	13°11	4°21	18° 9	22°38	22°50	19°38	n.a.	W18
T 19	3 12 31	18° 1'15	23°45	15°50	5°14	8°55	14°46	0°24	13°14	4°21	18° 8	22°39	22°46	19°45	n.a.	T 19
F 20	3 16 28	19° 2'33	7♒52	17°25	6°17	9°41	14°58	0°20	13°18	4°20	18° 7	22°39	22°43	19°52	n.a.	F 20
S 21	3 20 24	20° 3'51	21°38	19° 1	7°19	10°27	15°10	0°15	13°21	4°20	18° 6	22°R39	22°40	19°58	n.a.	S 21
S 22	3 24 21	21° 5'09	5♓ 3	20°37	8°22	11°13	15°22	0°10	13°24	4°20	18° 5	22°39	22°37	20° 5	n.a.	S 22
M23	3 28 18	22° 6'27	18° 8	22°13	9°23	11°59	15°34	0° 5	13°28	4°20	18° 3	22°39	22°34	20°12	n.a.	M23
T 24	3 32 14	23° 7'45	0♈56	23°49	10°25	12°46	15°46	0° 0	13°31	4°20	18° 2	22°D39	22°31	20°18	n.a.	T 24
W25	3 36 11	24° 9'02	13°30	25°26	11°26	13°32	15°58	29♉55	13°35	4°19	18° 1	22°39	22°27	20°25	n.a.	W25
T 26	3 40 7	25°10'18	25°51	27° 3	12°26	14°18	16°10	29°50	13°38	4°19	18° 0	22°39	22°24	20°32	n.a.	T 26
F 27	3 44 4	26°11'35	8♉ 2	28°40	13°26	15° 4	16°22	29°45	13°41	4°19	17°59	22°39	22°21	20°38	n.a.	F 27
S 28	3 48 0	27°12'51	20° 4	0♐18	14°26	15°50	16°33	29°40	13°45	4°18	17°57	22°R40	22°18	20°45	n.a.	S 28
S 29	3 51 57	28°14'07	2♊ 0	1°56	15°25	16°35	16°45	29°35	13°48	4°18	17°56	22°39	22°15	20°52	n.a.	S 29
M30	3 55 54	29♏15'23	13♊51	3♐35	16♍23	17♍21	16♎57	29♉30	13♐52	4♌17	17♊55	22♉39	22♉11	20♊58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s31	19n 1	0n 5	6s17	0n52	25s49	2s49	25s16	1s33	3s23	1n 7	19n29	1s22	22s50	0s12	20n18	0n49	25n42	2n24	18n43	19n 0	25n20		n.a.
M 2	11 53	22 41	1 10	6 59	0 45	25 57	2 49	25 17	1 32	3 28	1 7	19 29	1 22	22 50	0 12	20 17	0 49	25 42	2 24	18 44	18 59	25 22		n.a.
T 3	12 15	25 23	2 12	7 40	0 38	26 4	2 49	25 18	1 32	3 33	1 7	19 28	1 22	22 51	0 12	20 17	0 49	25 42	2 24	18 44	18 58	25 23		n.a.
W 4	12 36	26 57	3 8	8 22	0 31	26 10	2 49	25 19	1 31	3 38	1 7	19 27	1 22	22 51	0 12	20 17	0 49	25 42	2 25	18 44	18 58	25 24		n.a.
T 5	12 57	27 17	3 56	9 3	0 24	26 15	2 49	25 19	1 31	3 43	1 7	19 26	1 22	22 51	0 12	20 17	0 50	25 42	2 25	18 45	18 57	25 26		n.a.
F 6	13 18	26 22	4 34	9 44	0 18	26 20	2 49	25 20	1 31	3 49	1 7	19 25	1 22	22 52	0 12	20 17	0 50	25 42	2 25	18 45	18 56	25 27		n.a.
S 7	13 39	24 13	5 1	10 24	0 11	26 24	2 48	25 19	1 30	3 54	1 7	19 25	1 22	22 52	0 12	20 17	0 50	25 42	2 25	18 45	18 55	25 29		n.a.
S 8	14 0	20 54	5 15	11 5	0 4	26 27	2 48	25 19	1 30	3 59	1 7	19 24	1 22	22 52	0 12	20 17	0 50	25 42	2 25	18 45	18 54	25 30		n.a.
M 9	14 20	16 32	5 14	11 44	0s 3	26 29	2 47	25 18	1 29	4 4	1 7	19 23	1 22	22 53	0 12	20 17	0 50	25 42	2 25	18 45	18 54	25 31		n.a.
T 10	14 40	11 18	4 57	12 24	0 9	26 31	2 46	25 17	1 29	4 9	1 7	19 22	1 22	22 53	0 12	20 17	0 50	25 42	2 25	18 44	18 53	25 33		n.a.
W11	15 0	5 22	4 23	13 2	0 16	26 32	2 45	25 16	1 28	4 14	1 7	19 21	1 22	22 54	0 12	20 17	0 50	25 42	2 25	18 44	18 52	25 34		n.a.
T 12	15 19	1s 1	3 32	13 41	0 22	26 32	2 44	25 14	1 28	4 19	1 7	19 20	1 22	22 54	0 12	20 17	0 50	25 42	2 25	18 44	18 51	25 36		n.a.
F 13	15 39	7 33	2 27	14 18	0 29	26 32	2 43	25 12	1 28	4 24	1 7	19 19	1 22	22 54	0 12	20 17	0 50	25 42	2 26	18 43	18 50	25 37		n.a.
S 14	15 58	13 50	1 11	14 56	0 35	26 31	2 42	25 10	1 27	4 28	1 7	19 18	1 22	22 55	0 12	20 17	0 50	25 42	2 26	18 43	18 50	25 38		n.a.
S 15	16 16	19 25	0s11	15 32	0 41	26 29	2 40	25 8	1 27	4 33	1 7	19 17	1 22	22 55	0 12	20 17	0 50	25 42	2 26	18 43	18 49	25 40		n.a.
M16	16 35	23 47	1 33	16 8	0 47	26 27	2 38	25 5	1 26	4 38	1 7	19 16	1 22	22 56	0 12	20 17	0 50	25 42	2 26	18 43	18 48	25 41		n.a.
T 17	16 53	26 31	2 48	16 43	0 53	26 23	2 37	25 2	1 26	4 43	1 7	19 16	1 22	22 56	0 12	20 17	0 50	25 42	2 26	18 43	18 47	25 42		n.a.
W18	17 11	27 20	3 51	17 18	0 59	26 20	2 35	24 59	1 25	4 48	1 7	19 15	1 22	22 57	0 12	20 17	0 50	25 42	2 26	18 43	18 46	25 44		n.a.
T 19	17 28	26 16	4 38	17 52	1 4	26 15	2 32	24 55	1 25	4 53	1 7	19 14	1 22	22 57	0 12	20 17	0 50	25 42	2 26	18 43	18 45	25 45		n.a.
F 20	17 45	23 32	5 7	18 25	1 10	26 10	2 30	24 52	1 24	4 57	1 7	19 13	1 22	22 57	0 12	20 17	0 50	25 42	2 26	18 44	18 45	25 46		n.a.
S 21	18 2	19 31	5 18	18 57	1 15	26 4	2 27	24 47	1 24	5 2	1 7	19 12	1 22	22 58	0 12	20 17	0 50	25 42	2 26	18 44	18 44	25 48		n.a.
S 22	18 19	14 36	5 10	19 28	1 20	25 58	2 25	24 43	1 23	5 7	1 7	19 11	1 22	22 58	0 12	20 18	0 50	25 42	2 26	18 44	18 43	25 49		n.a.
M23	18 35	9 9	4 47	19 59	1 25	25 50	2 22	24 38	1 23	5 11	1 7	19 10	1 21	22 59	0 12	20 18	0 50	25 42	2 27	18 44	18 42	25 50		n.a.
T 24	18 51	3 26	4 10	20 28	1 30	25 43	2 19	24 34	1 22	5 16	1 7	19 9	1 21	22 59	0 12	20 18	0 50	25 42	2 27	18 44	18 41	25 51		n.a.
W25	19 6	2n20	3 21	20 57	1 34	25 34	2 16	24 28	1 22	5 21	1 8	19 8	1 21	23 0	0 12	20 18	0 50	25 42	2 27	18 44	18 41	25 53		n.a.
T 26	19 22	7 55	2 24	21 24	1 38	25 25	2 12	24 23	1 21	5 25	1 8	19 7	1 21	23 0	0 12	20 18	0 50	25 42	2 27	18 44	18 40	25 54		n.a.
F 27	19 36	13 8	1 20	21 51	1 42	25 16	2 9	24 17	1 21	5 30	1 8	19 6	1 21	23 0	0 12	20 18	0 50	25 42	2 27	18 44	18 39	25 55		n.a.
S 28	19 51	17 49	0 14	22 16	1 46	25 6	2 5	24 11	1 20	5 34	1 8	19 5	1 21	23 1	0 12	20 18	0 50	25 42	2 27	18 44	18 38	25 56		n.a.
S 29	20 5	21 44	0n52	22 40	1 49	24 55	2 1	24 5	1 19	5 39	1 8	19 4	1 21	23 1	0 12	20 18	0 50	25 42	2 27	18 44	18 37	25 58		n.a.
M30	20s19	24n44	1n55	23s 3	1s53	24s44	1s57	23s59	1s19	5s43	1n 8	19n 3	1s21	23s 2	0s12	20n19	0n51	25n42	2n27	18n44	18n36	25n59		n.a.

Julian Day Number = 1344789.5, Delta T = 07h12m34s
Ecliptic obliquity = 23°49'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'39, Lahiri = -18°11'39 Julian Calendar 1 Nov. 1032 BCE == Greg. Calendar 22 Oct. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1032 BCE
geocentric

DECEMBER 1032 BCE (-1031) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 59 50	0♐16'38	25♊40	5♐14	17♑21	18♑ 7	17♎ 8	29°R25	13♐55	4°R17	17°R54	22°R38	22♉ 8	21♊ 5	n.a.	T 1
W 2	4 3 47	1°17'54	7♋29	6°53	18°19	18°53	17°20	29♉20	13°59	4♌16	17♊52	22♉37	22° 5	21°12	n.a.	W 2
T 3	4 7 43	2°19'09	19°21	8°32	19°16	19°39	17°31	29°15	14° 2	4°16	17°51	22°36	22° 2	21°18	n.a.	T 3
F 4	4 11 40	3°20'23	1♌18	10°12	20°12	20°25	17°42	29°10	14° 6	4°15	17°50	22°34	21°59	21°25	n.a.	F 4
S 5	4 15 36	4°21'38	13°24	11°52	21° 8	21°11	17°53	29° 5	14° 9	4°15	17°49	22°33	21°56	21°32	n.a.	S 5
S 6	4 19 33	5°22'52	25°44	13°33	22° 3	21°57	18° 4	29° 0	14°13	4°14	17°47	22°32	21°52	21°38	n.a.	S 6
M 7	4 23 29	6°24'06	8♍20	15°14	22°58	22°43	18°15	28°55	14°16	4°13	17°46	22°D32	21°49	21°45	n.a.	M 7
T 8	4 27 26	7°25'19	21°19	16°54	23°52	23°28	18°26	28°51	14°20	4°12	17°45	22°32	21°46	21°52	n.a.	T 8
W 9	4 31 23	8°26'33	4♎42	18°35	24°45	24°14	18°37	28°46	14°23	4°12	17°43	22°33	21°43	21°58	n.a.	W 9
T 10	4 35 19	9°27'45	18°32	20°16	25°38	25° 0	18°48	28°41	14°27	4°11	17°42	22°35	21°40	22° 5	n.a.	T 10
F 11	4 39 16	10°28'58	2♏49	21°57	26°30	25°46	18°59	28°36	14°30	4°10	17°41	22°36	21°37	22°12	n.a.	F 11
S 12	4 43 12	11°30'09	17°31	23°38	27°21	26°31	19° 9	28°31	14°34	4° 9	17°39	22°R36	21°33	22°18	n.a.	S 12
S 13	4 47 9	12°31'20	2♐33	25°18	28°11	27°17	19°20	28°26	14°37	4° 8	17°38	22°36	21°30	22°25	n.a.	S 13
M14	4 51 5	13°32'31	17°45	26°58	29° 1	28° 3	19°30	28°22	14°41	4° 8	17°37	22°35	21°27	22°32	n.a.	M14
T 15	4 55 2	14°33'41	3♑ 0	28°37	29°49	28°48	19°40	28°17	14°44	4° 7	17°35	22°33	21°24	22°38	n.a.	T 15
W16	4 58 59	15°34'49	18° 6	0♑15	0♒37	29°34	19°51	28°12	14°48	4° 6	17°34	22°30	21°21	22°45	n.a.	W16
T 17	5 2 55	16°35'56	2♒54	1°52	1°24	0♒20	20° 1	28° 8	14°52	4° 5	17°33	22°26	21°17	22°52	n.a.	T 17
F 18	5 6 52	17°37'03	17°18	3°27	2° 9	1° 5	20°11	28° 3	14°55	4° 4	17°31	22°23	21°14	22°58	n.a.	F 18
S 19	5 10 48	18°38'07	1♓16	5° 0	2°54	1°51	20°20	27°59	14°59	4° 3	17°30	22°21	21°11	23° 5	n.a.	S 19
S 20	5 14 45	19°39'11	14°46	6°30	3°38	2°36	20°30	27°54	15° 2	4° 2	17°29	22°D20	21° 8	23°12	n.a.	S 20
M21	5 18 41	20°40'13	27°50	7°57	4°20	3°22	20°40	27°50	15° 6	4° 0	17°27	22°20	21° 5	23°18	n.a.	M21
T 22	5 22 38	21°41'13	10♈32	9°21	5° 2	4° 7	20°49	27°45	15° 9	3°59	17°26	22°21	21° 2	23°25	n.a.	T 22
W23	5 26 34	22°42'12	22°55	10°41	5°42	4°53	20°59	27°41	15°13	3°58	17°25	22°23	20°58	23°32	n.a.	W23
T 24	5 30 31	23°43'10	5♉ 5	11°55	6°21	5°38	21° 8	27°37	15°16	3°57	17°23	22°24	20°55	23°38	n.a.	T 24
F 25	5 34 28	24°44'06	17° 4	13° 4	6°59	6°24	21°17	27°33	15°20	3°56	17°22	22°R26	20°52	23°45	n.a.	F 25
S 26	5 38 24	25°45'01	28°57	14° 7	7°35	7° 9	21°26	27°29	15°23	3°55	17°21	22°25	20°49	23°52	n.a.	S 26
S 27	5 42 21	26°45'54	10♊47	15° 2	8°10	7°54	21°35	27°25	15°27	3°53	17°19	22°24	20°46	23°58	n.a.	S 27
M28	5 46 17	27°46'46	22°36	15°49	8°44	8°39	21°44	27°21	15°30	3°52	17°18	22°20	20°43	24° 5	n.a.	M28
T 29	5 50 14	28°47'37	4♋25	16°27	9°15	9°25	21°53	27°17	15°34	3°51	17°17	22°15	20°39	24°12	n.a.	T 29
W30	5 54 10	29°48'26	16°18	16°56	9°46	10°10	22° 2	27°13	15°37	3°50	17°16	22° 8	20°36	24°18	n.a.	W30
T 31	5 58 7	0♑49'14	28♋15	17♑14	10♒15	10♒55	22♎10	27♉ 9	15♐41	3♌48	17♊14	22♉ 1	20♉33	24♊25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s32	26n38	2n53	23s24	1s55	24s32	1s52	23s52	1s18	5s47	1n 8	19n 2	1s21	23s 2	0s12	20n19	0n51	25n42	2n27	18n43	18n36	26n 0			n.a.
W 2	20 45	27 20	3 44	23 44	1 58	24 20	1 48	23 45	1 18	5 52	1 8	19 1	1 21	23 3	0 12	20 19	0 51	25 42	2 27	18 43	18 35	26 1			n.a.
T 3	20 57	26 46	4 25	24 3	2 0	24 7	1 43	23 38	1 17	5 56	1 8	19 0	1 21	23 3	0 12	20 19	0 51	25 42	2 27	18 43	18 34	26 3			n.a.
F 4	21 9	24 59	4 55	24 20	2 2	23 53	1 38	23 30	1 17	6 0	1 8	18 59	1 20	23 3	0 12	20 19	0 51	25 42	2 28	18 42	18 33	26 4			n.a.
S 5	21 21	22 3	5 13	24 36	2 3	23 40	1 33	23 22	1 16	6 5	1 8	18 58	1 20	23 4	0 12	20 19	0 51	25 42	2 28	18 42	18 32	26 5			n.a.
S 6	21 32	18 5	5 16	24 50	2 4	23 25	1 28	23 14	1 16	6 9	1 8	18 57	1 20	23 4	0 12	20 20	0 51	25 42	2 28	18 42	18 31	26 6			n.a.
M 7	21 43	13 16	5 5	25 2	2 4	23 11	1 22	23 6	1 15	6 13	1 8	18 56	1 20	23 5	0 12	20 20	0 51	25 42	2 28	18 42	18 31	26 8			n.a.
T 8	21 54	7 44	4 38	25 13	2 4	22 56	1 16	22 58	1 14	6 17	1 8	18 55	1 20	23 5	0 12	20 20	0 51	25 42	2 28	18 42	18 30	26 9			n.a.
W 9	22 4	1 41	3 55	25 22	2 3	22 40	1 11	22 49	1 14	6 21	1 9	18 54	1 20	23 5	0 12	20 20	0 51	25 42	2 28	18 42	18 29	26 10			n.a.
T 10	22 13	4s39	2 58	25 29	2 2	22 24	1 4	22 40	1 13	6 25	1 9	18 53	1 20	23 6	0 12	20 20	0 51	25 42	2 28	18 42	18 28	26 11			n.a.
F 11	22 22	10 58	1 47	25 35	2 1	22 8	0 58	22 31	1 13	6 29	1 9	18 52	1 20	23 6	0 12	20 21	0 51	25 42	2 28	18 43	18 27	26 12			n.a.
S 12	22 31	16 53	0 28	25 38	1 58	21 52	0 51	22 22	1 12	6 33	1 9	18 51	1 19	23 7	0 12	20 21	0 51	25 42	2 28	18 43	18 26	26 13			n.a.
S 13	22 39	21 54	0s55	25 40	1 56	21 35	0 45	22 12	1 11	6 37	1 9	18 50	1 19	23 7	0 12	20 21	0 51	25 42	2 28	18 43	18 26	26 15			n.a.
M14	22 47	25 29	2 14	25 39	1 52	21 18	0 37	22 2	1 11	6 41	1 9	18 50	1 19	23 8	0 12	20 21	0 51	25 42	2 28	18 43	18 25	26 16			n.a.
T 15	22 55	27 12	3 25	25 36	1 48	21 0	0 30	21 52	1 10	6 45	1 9	18 49	1 19	23 8	0 12	20 22	0 51	25 42	2 28	18 42	18 24	26 17			n.a.
W16	23 2	26 52	4 20	25 32	1 43	20 42	0 23	21 42	1 9	6 49	1 9	18 48	1 19	23 8	0 12	20 22	0 51	25 42	2 29	18 41	18 23	26 18			n.a.
T 17	23 8	24 37	4 57	25 25	1 37	20 24	0 15	21 31	1 9	6 53	1 9	18 47	1 19	23 9	0 12	20 22	0 51	25 41	2 29	18 40	18 22	26 19			n.a.
F 18	23 14	20 51	5 13	25 16	1 30	20 6	0 7	21 21	1 8	6 56	1 9	18 46	1 19	23 9	0 12	20 22	0 51	25 41	2 29	18 39	18 21	26 20			n.a.
S 19	23 19	16 1	5 11	25 6	1 22	19 48	0n 1	21 10	1 8	7 0	1 10	18 45	1 18	23 10	0 12	20 23	0 51	25 41	2 29	18 39	18 20	26 21			n.a.
S 20	23 25	10 33	4 51	24 53	1 14	19 29	0 10	20 59	1 7	7 4	1 10	18 44	1 18	23 10	0 12	20 23	0 51	25 41	2 29	18 39	18 20	26 22			n.a.
M21	23 29	4 47	4 16	24 39	1 5	19 11	0 18	20 47	1 6	7 7	1 10	18 43	1 18	23 11	0 12	20 23	0 51	25 41	2 29	18 39	18 19	26 24			n.a.
T 22	23 33	1n 1	3 30	24 23	0 54	18 52	0 27	20 36	1 6	7 11	1 10	18 43	1 18	23 11	0 12	20 24	0 51	25 41	2 29	18 39	18 18	26 25			n.a.
W23	23 37	6 39	2 35	24 6	0 43	18 33	0 37	20 24	1 5	7 14	1 10	18 42	1 18	23 11	0 12	20 24	0 51	25 41	2 29	18 39	18 17	26 26			n.a.
T 24	23 40	11 57	1 34	23 47	0 31	18 14	0 46	20 12	1 4	7 18	1 10	18 41	1 18	23 12	0 12	20 24	0 51	25 41	2 29	18 40	18 16	26 27			n.a.
F 25	23 43	16 44	0 29	23 27	0 17	17 55	0 56	20 0	1 4	7 21	1 10	18 40	1 17	23 12	0 12	20 25	0 51	25 41	2 29	18 40	18 15	26 28			n.a.
S 26	23 45	20 49	0n36	23 7	0 3	17 37	1 6	19 48	1 3	7 24	1 10	18 39	1 17	23 13	0 12	20 25	0 51	25 41	2 29	18 40	18 15	26 29			n.a.
S 27	23 47	24 3	1 39	22 46	0n12	17 18	1 16	19 35	1 2	7 28	1 10	18 39	1 17	23 13	0 12	20 25	0 51	25 41	2 29	18 40	18 14	26 30			n.a.
M28	23 48	26 13	2 37	22 24	0 28	16 59	1 26	19 23	1 2	7 31	1 11	18 38	1 17	23 13	0 12	20 26	0 52	25 41	2 29	18 39	18 13	26 31			n.a.
T 29	23 49	27 13	3 29	22 3	0 44	16 40	1 37	19 10	1 1	7 34	1 11	18 37	1 17	23 14	0 12	20 26	0 52	25 41	2 29	18 37	18 12	26 32			n.a.
W30	23 49	26 58	4 12	21 43	1 2	16 21	1 48	18 57	1 1	7 37	1 11	18 36	1 16	23 14	0 12	20 26	0 52	25 41	2 29	18 36	18 11	26 33			n.a.
T 31	23s49	25n28	4n44	21s23	1n19	16s 3	1n59	18s44	1s 0	7s40	1n11	18n36	1s16	23s14	0s12	20n27	0n52	25n41	2n30	18n34	18n10	26n34			n.a.

Julian Day Number = 1344819.5, Delta T = 07h12m32s
Ecliptic obliquity = 23°49'10, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'35, Lahiri = -18°11'35 Julian Calendar 1 Dec. 1032 BCE == Greg. Calendar 21 Nov. 1032 BCE

The year -1031 astronomical counting style corresponds to year 1032 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

JANUARY 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 2 4	1♉50'01	10♌19	17°R22	10♒42	11♒40	22♎18	27°R 6	15♐44	3°R47	17°R13	21°R53	20♉30	24♊32	n.a.	F 1
S 2	6 6 0	2°50'46	22°31	17♉19	11° 7	12°25	22°27	27♉ 2	15°48	3♌46	17♊12	21♉46	20°27	24°38	n.a.	S 2
S 3	6 9 57	3°51'30	4♍54	17° 6	11°30	13°10	22°35	26°59	15°51	3°44	17°10	21°41	20°23	24°45	n.a.	S 3
M 4	6 13 53	4°52'13	17°31	16°41	11°52	13°55	22°43	26°55	15°54	3°43	17° 9	21°37	20°20	24°52	n.a.	M 4
T 5	6 17 50	5°52'54	0♎25	16° 7	12°11	14°40	22°51	26°52	15°58	3°41	17° 8	21°D35	20°17	24°58	n.a.	T 5
W 6	6 21 46	6°53'34	13°39	15°23	12°29	15°25	22°58	26°49	16° 1	3°40	17° 7	21°35	20°14	25° 5	n.a.	W 6
T 7	6 25 43	7°54'13	27°17	14°31	12°45	16°10	23° 6	26°45	16° 5	3°39	17° 5	21°36	20°11	25°12	n.a.	T 7
F 8	6 29 39	8°54'50	11♏19	13°33	12°58	16°55	23°13	26°42	16° 8	3°37	17° 4	21°38	20° 8	25°18	n.a.	F 8
S 9	6 33 36	9°55'26	25°46	12°29	13° 9	17°40	23°21	26°39	16°11	3°36	17° 3	21°R38	20° 4	25°25	n.a.	S 9
S 10	6 37 33	10°56'01	10♐36	11°22	13°18	18°25	23°28	26°37	16°14	3°34	17° 2	21°36	20° 1	25°32	n.a.	S 10
M11	6 41 29	11°56'34	25°42	10°14	13°25	19° 9	23°35	26°34	16°18	3°33	17° 0	21°33	19°58	25°38	n.a.	M11
T 12	6 45 26	12°57'05	10♑57	9° 6	13°29	19°54	23°42	26°31	16°21	3°31	16°59	21°27	19°55	25°45	n.a.	T 12
W13	6 49 22	13°57'35	26° 9	8° 0	13°R31	20°39	23°48	26°29	16°24	3°30	16°58	21°19	19°52	25°52	n.a.	W13
T 14	6 53 19	14°58'03	11♒ 8	6°57	13°31	21°23	23°55	26°26	16°28	3°28	16°57	21°10	19°49	25°59	n.a.	T 14
F 15	6 57 15	15°58'28	25°45	5°59	13°28	22° 8	24° 1	26°24	16°31	3°26	16°56	21° 2	19°45	26° 5	n.a.	F 15
S 16	7 1 12	16°58'52	9♓54	5° 7	13°22	22°52	24° 8	26°22	16°34	3°25	16°55	20°55	19°42	26°12	n.a.	S 16
S 17	7 5 8	17°59'13	23°34	4°21	13°14	23°37	24°14	26°19	16°37	3°23	16°54	20°50	19°39	26°19	n.a.	S 17
M18	7 9 5	18°59'33	6♈44	3°43	13° 3	24°21	24°20	26°17	16°40	3°22	16°52	20°47	19°36	26°25	n.a.	M18
T 19	7 13 2	19°59'50	19°29	3°11	12°50	25° 6	24°25	26°15	16°43	3°20	16°51	20°D46	19°33	26°32	n.a.	T 19
W20	7 16 58	21° 0'05	1♉52	2°47	12°35	25°50	24°31	26°14	16°46	3°18	16°50	20°46	19°29	26°39	n.a.	W20
T 21	7 20 55	22° 0'17	13°58	2°29	12°16	26°35	24°36	26°12	16°50	3°17	16°49	20°47	19°26	26°45	n.a.	T 21
F 22	7 24 51	23° 0'28	25°54	2°19	11°56	27°19	24°42	26°10	16°53	3°15	16°48	20°R47	19°23	26°52	n.a.	F 22
S 23	7 28 48	24° 0'36	7♊43	2°D16	11°33	28° 3	24°47	26° 9	16°56	3°14	16°47	20°46	19°20	26°59	n.a.	S 23
S 24	7 32 44	25° 0'43	19°30	2°19	11° 8	28°47	24°52	26° 7	16°59	3°12	16°46	20°42	19°17	27° 5	n.a.	S 24
M25	7 36 41	26° 0'47	1♋19	2°29	10°40	29°32	24°57	26° 6	17° 1	3°10	16°45	20°35	19°14	27°12	n.a.	M25
T 26	7 40 37	27° 0'49	13°12	2°44	10°11	0♓16	25° 1	26° 5	17° 4	3° 9	16°44	20°25	19°10	27°19	n.a.	T 26
W27	7 44 34	28° 0'48	25°11	3° 5	9°40	1° 0	25° 6	26° 4	17° 7	3° 7	16°43	20°14	19° 7	27°25	n.a.	W27
T 28	7 48 31	29° 0'46	7♌18	3°31	9° 7	1°44	25°10	26° 3	17°10	3° 5	16°42	20° 1	19° 4	27°32	n.a.	T 28
F 29	7 52 27	0♒ 0'42	19°34	4° 2	8°33	2°28	25°14	26° 2	17°13	3° 4	16°41	19°48	19° 1	27°39	n.a.	F 29
S 30	7 56 24	1° 0'36	1♍58	4°37	7°57	3°12	25°18	26° 1	17°16	3° 2	16°40	19°36	18°58	27°45	n.a.	S 30
S 31	8 0 20	2♒ 0'27	14♍33	5♉16	7♒21	3♓56	25♎22	26♉ 1	17♐19	3♌ 0	16♊40	19♉26	18♉55	27♊52	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	22n47	5n 3	21s 4	1n37	15s45	2n10	18s30	0s59	7s43	1n11	18n35	1s16	23s15	0s12	20n27	0n52	25n40	2n30	18n32	18n 9	26n35		n.a.
S 2	23 47	19 5	5 9	20 47	1 55	15 26	2 22	18 17	0 59	7 46	1 11	18 35	1 16	23 15	0 12	20 27	0 52	25 40	2 30	18 30	18 9	26 36		n.a.
S 3	23 46	14 31	5 1	20 31	2 12	15 9	2 34	18 3	0 58	7 49	1 11	18 34	1 16	23 16	0 12	20 28	0 52	25 40	2 30	18 28	18 8	26 37		n.a.
M 4	23 44	9 16	4 39	20 17	2 29	14 51	2 46	17 49	0 57	7 52	1 11	18 33	1 16	23 16	0 12	20 28	0 52	25 40	2 30	18 27	18 7	26 38		n.a.
T 5	23 41	3 31	4 2	20 6	2 45	14 34	2 58	17 35	0 57	7 55	1 12	18 33	1 15	23 16	0 12	20 28	0 52	25 40	2 30	18 27	18 6	26 39		n.a.
W 6	23 38	2s33	3 11	19 56	3 0	14 17	3 11	17 21	0 56	7 58	1 12	18 32	1 15	23 17	0 12	20 29	0 52	25 40	2 30	18 27	18 5	26 40		n.a.
T 7	23 35	8 41	2 8	19 48	3 14	14 0	3 23	17 7	0 55	8 0	1 12	18 32	1 15	23 17	0 13	20 29	0 52	25 40	2 30	18 27	18 4	26 41		n.a.
F 8	23 31	14 35	0 55	19 43	3 25	13 44	3 36	16 53	0 55	8 3	1 12	18 31	1 15	23 17	0 13	20 29	0 52	25 40	2 30	18 28	18 3	26 42		n.a.
S 9	23 26	19 52	0s22	19 40	3 35	13 29	3 49	16 38	0 54	8 6	1 12	18 31	1 15	23 18	0 13	20 30	0 52	25 40	2 30	18 28	18 2	26 43		n.a.
S 10	23 22	24 3	1 40	19 38	3 42	13 14	4 2	16 24	0 53	8 8	1 12	18 30	1 14	23 18	0 13	20 30	0 52	25 40	2 30	18 27	18 2	26 44		n.a.
M11	23 16	26 38	2 53	19 39	3 47	12 59	4 15	16 9	0 53	8 11	1 12	18 30	1 14	23 19	0 13	20 31	0 52	25 40	2 30	18 26	18 1	26 45		n.a.
T 12	23 11	27 14	3 54	19 41	3 50	12 45	4 29	15 54	0 52	8 13	1 13	18 29	1 14	23 19	0 13	20 31	0 52	25 40	2 30	18 25	18 0	26 46		n.a.
W13	23 4	25 47	4 37	19 44	3 50	12 31	4 42	15 39	0 51	8 15	1 13	18 29	1 14	23 19	0 13	20 31	0 52	25 40	2 30	18 23	17 59	26 47		n.a.
T 14	22 58	22 32	5 1	19 50	3 49	12 19	4 56	15 24	0 51	8 18	1 13	18 28	1 14	23 20	0 13	20 32	0 52	25 39	2 30	18 20	17 58	26 48		n.a.
F 15	22 51	17 54	5 5	19 56	3 45	12 7	5 9	15 8	0 50	8 20	1 13	18 28	1 13	23 20	0 13	20 32	0 52	25 39	2 30	18 18	17 57	26 49		n.a.
S 16	22 43	12 26	4 50	20 4	3 40	11 55	5 23	14 53	0 49	8 22	1 13	18 28	1 13	23 20	0 13	20 33	0 52	25 39	2 30	18 16	17 56	26 50		n.a.
S 17	22 35	6 32	4 18	20 12	3 33	11 45	5 36	14 37	0 48	8 24	1 13	18 28	1 13	23 21	0 13	20 33	0 52	25 39	2 30	18 15	17 56	26 51		n.a.
M18	22 27	0 32	3 33	20 22	3 24	11 35	5 49	14 22	0 48	8 26	1 13	18 27	1 13	23 21	0 13	20 33	0 52	25 39	2 30	18 14	17 55	26 51		n.a.
T 19	22 18	5n17	2 40	20 32	3 15	11 26	6 2	14 6	0 47	8 28	1 14	18 27	1 12	23 21	0 13	20 34	0 52	25 39	2 30	18 14	17 54	26 52		n.a.
W20	22 9	10 45	1 40	20 43	3 4	11 18	6 15	13 50	0 46	8 30	1 14	18 27	1 12	23 22	0 13	20 34	0 52	25 39	2 30	18 14	17 53	26 53		n.a.
T 21	21 59	15 42	0 36	20 55	2 53	11 11	6 28	13 34	0 46	8 32	1 14	18 27	1 12	23 22	0 13	20 35	0 52	25 39	2 30	18 14	17 52	26 54		n.a.
F 22	21 49	19 59	0n27	21 6	2 42	11 5	6 40	13 18	0 45	8 34	1 14	18 26	1 12	23 22	0 13	20 35	0 52	25 39	2 30	18 14	17 51	26 55		n.a.
S 23	21 39	23 25	1 29	21 19	2 29	11 0	6 52	13 2	0 44	8 36	1 14	18 26	1 12	23 23	0 13	20 35	0 52	25 39	2 30	18 14	17 50	26 56		n.a.
S 24	21 28	25 50	2 27	21 31	2 17	10 55	7 4	12 46	0 44	8 38	1 14	18 26	1 11	23 23	0 13	20 36	0 52	25 39	2 31	18 13	17 49	26 57		n.a.
M25	21 17	27 7	3 18	21 43	2 5	10 52	7 14	12 29	0 43	8 39	1 14	18 26	1 11	23 23	0 13	20 36	0 52	25 39	2 31	18 11	17 49	26 58		n.a.
T 26	21 5	27 9	4 1	21 55	1 52	10 50	7 25	12 13	0 42	8 41	1 15	18 26	1 11	23 24	0 13	20 37	0 52	25 39	2 31	18 8	17 48	26 58		n.a.
W27	20 53	25 55	4 34	22 8	1 40	10 48	7 35	11 56	0 42	8 42	1 15	18 26	1 11	23 24	0 13	20 37	0 52	25 39	2 31	18 5	17 47	26 59		n.a.
T 28	20 41	23 28	4 54	22 19	1 27	10 48	7 44	11 40	0 41	8 44	1 15	18 26	1 10	23 24	0 13	20 37	0 52	25 38	2 31	18 2	17 46	27 0		n.a.
F 29	20 28	19 56	5 1	22 31	1 15	10 49	7 52	11 23	0 40	8 45	1 15	18 26	1 10	23 24	0 13	20 38	0 52	25 38	2 31	17 58	17 45	27 1		n.a.
S 30	20 15	15 30	4 55	22 42	1 3	10 50	8 0	11 6	0 40	8 46	1 15	18 26	1 10	23 25	0 13	20 38	0 52	25 38	2 31	17 55	17 44	27 2		n.a.
S 31	20s 2	10n22	4n33	22s52	0n51	10s53	8n 6	10s50	0s39	8s48	1n15	18n26	1s10	23s25	0s13	20n39	0n52	25n38	2n31	17n52	17n43	27n 3		n.a.

Julian Day Number = 1344850.5, Delta T = 07h12m31s
Ecliptic obliquity = 23°49'10, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'31, Lahiri = -18°11'31 Julian Calendar 1 Jan. 1031 BCE == Greg. Calendar 22 Dec. 1032 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

FEBRUARY 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 4 17	3♒ 0'17	27♍20	6♉ 0	6°R44	4♓39	25♎26	26°R 0	17♐21	2°R59	16°R39	19°R18	18♉51	27♊59	n.a.	M 1
T 2	8 8 13	4° 0'05	10♎19	6°47	6♒ 6	5°23	25°29	26♉ 0	17°24	2♏57	16♊38	19♉13	18°48	28° 5	n.a.	T 2
W 3	8 12 10	4°59'51	23°33	7°37	5°28	6° 7	25°32	25°59	17°27	2°55	16°37	19°11	18°45	28°12	n.a.	W 3
T 4	8 16 6	5°59'35	7♏ 5	8°31	4°50	6°51	25°36	25°59	17°29	2°54	16°36	19°D11	18°42	28°19	n.a.	T 4
F 5	8 20 3	6°59'17	20°56	9°27	4°12	7°34	25°38	25°D59	17°32	2°52	16°35	19°R11	18°39	28°25	n.a.	F 5
S 6	8 23 59	7°58'58	5♐ 7	10°27	3°35	8°18	25°41	25°59	17°35	2°50	16°35	19°10	18°35	28°32	n.a.	S 6
S 7	8 27 56	8°58'37	19°37	11°29	2°59	9° 2	25°44	25°59	17°37	2°49	16°34	19° 8	18°32	28°39	n.a.	S 7
M 8	8 31 53	9°58'14	4♑24	12°33	2°23	9°45	25°46	26° 0	17°40	2°47	16°33	19° 2	18°29	28°45	n.a.	M 8
T 9	8 35 49	10°57'49	19°21	13°40	1°49	10°29	25°48	26° 0	17°42	2°45	16°32	18°54	18°26	28°52	n.a.	T 9
W10	8 39 46	11°57'22	4♒19	14°49	1°16	11°12	25°50	26° 0	17°44	2°44	16°32	18°44	18°23	28°59	n.a.	W10
T 11	8 43 42	12°56'53	19°10	16° 1	0°45	11°56	25°52	26° 1	17°47	2°42	16°31	18°32	18°20	29° 5	n.a.	T 11
F 12	8 47 39	13°56'21	3♓45	17°14	0°15	12°39	25°54	26° 2	17°49	2°41	16°30	18°20	18°16	29°12	n.a.	F 12
S 13	8 51 35	14°55'47	17°56	18°29	29♑48	13°22	25°55	26° 3	17°52	2°39	16°30	18°10	18°13	29°19	n.a.	S 13
S 14	8 55 32	15°55'11	1♈40	19°46	29°22	14° 6	25°56	26° 4	17°54	2°37	16°29	18° 2	18°10	29°26	n.a.	S 14
M15	8 59 28	16°54'32	14°55	21° 5	28°59	14°49	25°58	26° 5	17°56	2°36	16°29	17°57	18° 7	29°32	n.a.	M15
T 16	9 3 25	17°53'51	27°45	22°25	28°38	15°32	25°58	26° 6	17°58	2°34	16°28	17°54	18° 4	29°39	n.a.	T 16
W17	9 7 22	18°53'08	10♉11	23°48	28°19	16°15	25°59	26° 7	18° 0	2°32	16°28	17°53	18° 0	29°46	n.a.	W17
T 18	9 11 18	19°52'22	22°20	25°12	28° 3	16°58	26° 0	26° 8	18° 2	2°31	16°27	17°53	17°57	29°52	n.a.	T 18
F 19	9 15 15	20°51'33	4♊17	26°37	27°49	17°41	26° 0	26°10	18° 5	2°29	16°27	17°53	17°54	29°59	n.a.	F 19
S 20	9 19 11	21°50'43	16° 7	28° 4	27°37	18°24	26°R 0	26°12	18° 7	2°28	16°26	17°51	17°51	0♋ 6	n.a.	S 20
S 21	9 23 8	22°49'50	27°55	29°33	27°28	19° 7	26° 0	26°13	18° 9	2°26	16°26	17°47	17°48	0°12	n.a.	S 21
M22	9 27 4	23°48'54	9♋46	1♒ 3	27°21	19°50	26° 0	26°15	18°11	2°25	16°25	17°40	17°45	0°19	n.a.	M22
T 23	9 31 1	24°47'56	21°43	2°34	27°17	20°33	25°59	26°17	18°12	2°23	16°25	17°30	17°41	0°26	n.a.	T 23
W24	9 34 57	25°46'56	3♌50	4° 8	27°D16	21°16	25°59	26°19	18°14	2°22	16°25	17°19	17°38	0°32	n.a.	W24
T 25	9 38 54	26°45'53	16° 8	5°42	27°16	21°58	25°58	26°21	18°16	2°20	16°24	17° 5	17°35	0°39	n.a.	T 25
F 26	9 42 50	27°44'49	28°37	7°18	27°19	22°41	25°57	26°23	18°18	2°19	16°24	16°52	17°32	0°46	n.a.	F 26
S 27	9 46 47	28°43'42	11♍19	8°56	27°25	23°24	25°56	26°26	18°20	2°17	16°24	16°39	17°29	0°52	n.a.	S 27
S 28	9 50 44	29♒42'33	24♍12	10♒35	27♑32	24♓ 6	25♎54	26♉28	18♐21	2♏16	16♊24	16♉29	17♉26	0♋59	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s48	4n43	3n58	23s 2	0n39	10s56	8n12	10s33	0s38	8s49	1n16	18n26	1s10	23s25	0s13	20n39	0n52	25n38	2n31	17n50	17n42	27n 3		n.a.
T 2	19 34	1s14	3 10	23 11	0 28	11 1	8 17	10 16	0 38	8 50	1 16	18 26	1 9	23 26	0 13	20 39	0 52	25 38	2 31	17 48	17 41	27 4		n.a.
W 3	19 19	7 16	2 11	23 19	0 17	11 6	8 21	9 59	0 37	8 51	1 16	18 26	1 9	23 26	0 13	20 40	0 52	25 38	2 31	17 48	17 41	27 5		n.a.
T 4	19 4	13 6	1 4	23 26	0 6	11 12	8 24	9 42	0 36	8 52	1 16	18 27	1 9	23 26	0 13	20 40	0 52	25 38	2 31	17 48	17 40	27 6		n.a.
F 5	18 49	18 25	0s 9	23 33	0s 4	11 19	8 27	9 25	0 35	8 53	1 16	18 27	1 9	23 26	0 13	20 41	0 52	25 38	2 31	17 48	17 39	27 6		n.a.
S 6	18 34	22 51	1 23	23 38	0 14	11 26	8 28	9 7	0 35	8 54	1 16	18 27	1 8	23 27	0 13	20 41	0 52	25 38	2 31	17 48	17 38	27 7		n.a.
S 7	18 18	25 57	2 34	23 43	0 24	11 34	8 28	8 50	0 34	8 55	1 17	18 27	1 8	23 27	0 13	20 41	0 52	25 38	2 31	17 47	17 37	27 8		n.a.
M 8	18 2	27 19	3 35	23 46	0 33	11 42	8 27	8 33	0 33	8 55	1 17	18 27	1 8	23 27	0 13	20 42	0 52	25 38	2 31	17 45	17 36	27 9		n.a.
T 9	17 45	26 43	4 22	23 48	0 42	11 51	8 26	8 16	0 33	8 56	1 17	18 28	1 8	23 27	0 13	20 42	0 52	25 38	2 31	17 43	17 35	27 9		n.a.
W10	17 29	24 11	4 51	23 49	0 51	12 1	8 23	7 58	0 32	8 57	1 17	18 28	1 8	23 28	0 13	20 43	0 52	25 38	2 31	17 40	17 34	27 10		n.a.
T 11	17 12	20 3	5 0	23 49	0 59	12 10	8 20	7 41	0 31	8 57	1 17	18 28	1 7	23 28	0 13	20 43	0 52	25 38	2 31	17 37	17 33	27 11		n.a.
F 12	16 54	14 46	4 50	23 48	1 7	12 21	8 16	7 23	0 31	8 58	1 17	18 29	1 7	23 28	0 13	20 43	0 52	25 38	2 31	17 34	17 33	27 12		n.a.
S 13	16 37	8 50	4 21	23 45	1 14	12 31	8 11	7 6	0 30	8 58	1 18	18 29	1 7	23 28	0 13	20 44	0 52	25 37	2 31	17 31	17 32	27 12		n.a.
S 14	16 19	2 39	3 38	23 41	1 21	12 42	8 5	6 48	0 29	8 58	1 18	18 30	1 7	23 29	0 13	20 44	0 52	25 37	2 31	17 28	17 31	27 13		n.a.
M15	16 1	3n27	2 45	23 35	1 28	12 52	7 59	6 31	0 29	8 59	1 18	18 30	1 7	23 29	0 13	20 45	0 52	25 37	2 31	17 27	17 30	27 14		n.a.
T 16	15 43	9 13	1 44	23 28	1 34	13 3	7 52	6 13	0 28	8 59	1 18	18 31	1 6	23 29	0 13	20 45	0 52	25 37	2 31	17 26	17 29	27 14		n.a.
W17	15 24	14 28	0 41	23 20	1 40	13 14	7 45	5 56	0 27	8 59	1 18	18 31	1 6	23 29	0 13	20 45	0 52	25 37	2 31	17 26	17 28	27 15		n.a.
T 18	15 5	19 1	0n24	23 10	1 45	13 25	7 37	5 38	0 27	8 59	1 18	18 32	1 6	23 29	0 13	20 46	0 52	25 37	2 31	17 26	17 27	27 16		n.a.
F 19	14 46	22 44	1 26	22 58	1 50	13 36	7 29	5 20	0 26	8 59	1 18	18 32	1 6	23 30	0 13	20 46	0 52	25 37	2 31	17 26	17 26	27 16		n.a.
S 20	14 27	25 27	2 23	22 45	1 55	13 47	7 20	5 3	0 25	8 59	1 19	18 33	1 5	23 30	0 13	20 46	0 52	25 37	2 31	17 25	17 25	27 17		n.a.
S 21	14 7	27 3	3 15	22 30	1 59	13 58	7 11	4 45	0 25	8 59	1 19	18 33	1 5	23 30	0 13	20 47	0 52	25 37	2 31	17 24	17 24	27 18		n.a.
M22	13 48	27 24	3 58	22 14	2 3	14 8	7 1	4 27	0 24	8 58	1 19	18 34	1 5	23 30	0 13	20 47	0 52	25 37	2 31	17 22	17 24	27 18		n.a.
T 23	13 28	26 29	4 31	21 56	2 6	14 18	6 51	4 10	0 23	8 58	1 19	18 35	1 5	23 30	0 13	20 47	0 52	25 37	2 31	17 19	17 23	27 19		n.a.
W24	13 8	24 19	4 52	21 37	2 8	14 29	6 41	3 52	0 23	8 58	1 19	18 35	1 5	23 31	0 13	20 48	0 52	25 37	2 31	17 16	17 22	27 20		n.a.
T 25	12 47	21 1	5 0	21 15	2 11	14 38	6 31	3 34	0 22	8 57	1 19	18 36	1 4	23 31	0 13	20 48	0 52	25 37	2 31	17 12	17 21	27 20		n.a.
F 26	12 27	16 43	4 54	20 52	2 13	14 48	6 21	3 16	0 21	8 57	1 20	18 37	1 4	23 31	0 13	20 48	0 52	25 37	2 31	17 8	17 20	27 21		n.a.
S 27	12 6	11 38	4 33	20 28	2 14	14 57	6 11	2 59	0 21	8 56	1 20	18 38	1 4	23 31	0 13	20 49	0 52	25 37	2 31	17 5	17 19	27 21		n.a.
S 28	11s45	5n58	3n58	20s 1	2s15	15s 6	6n 0	2s41	0s20	8s56	1n20	18n38	1s 4	23s31	0s13	20n49	0n52	25n37	2n31	17n 2	17n18	27n22		n.a.

Julian Day Number = 1344881.5, Delta T = 07h12m29s
Ecliptic obliquity = 23°49'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'27, Lahiri = -18°11'26 Julian Calendar 1 Feb. 1031 BCE == Greg. Calendar 22 Jan. 1031 BCE

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

MARCH 1031 BCE (-1030) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 54 40	0♓41'21	7♎17	12♒15	27♑42	24♓49	25°R53	26♉31	18♐23	2°R14	16°R23	16°R21	17♉22	1♋ 6	n.a.	M 1
T 2	9 58 37	1°40'08	20°33	13°57	27°54	25°32	25♎51	26°33	18°24	2♌13	16♊23	16♉16	17°19	1°12	n.a.	T 2
W 3	10 2 33	2°38'53	3♏59	15°41	28° 8	26°14	25°49	26°36	18°26	2°12	16°23	16°13	17°16	1°19	n.a.	W 3
T 4	10 6 30	3°37'37	17°38	17°26	28°24	26°56	25°47	26°39	18°27	2°10	16°23	16°D13	17°13	1°26	n.a.	T 4
F 5	10 10 26	4°36'18	1♐28	19°12	28°42	27°39	25°45	26°42	18°29	2° 9	16°23	16°R13	17°10	1°32	n.a.	F 5
S 6	10 14 23	5°34'58	15°31	21° 1	29° 2	28°21	25°42	26°45	18°30	2° 7	16°23	16°13	17° 6	1°39	n.a.	S 6
S 7	10 18 19	6°33'36	29°47	22°50	29°24	29° 4	25°40	26°48	18°32	2° 6	16°22	16°11	17° 3	1°46	n.a.	S 7
M 8	10 22 16	7°32'12	14♑13	24°41	29°47	29°46	25°37	26°51	18°33	2° 5	16°22	16° 7	17° 0	1°53	n.a.	M 8
T 9	10 26 13	8°30'47	28°45	26°34	0♒13	0♈28	25°34	26°55	18°34	2° 4	16°D22	16° 0	16°57	1°59	n.a.	T 9
W10	10 30 9	9°29'19	13♒18	28°28	0°40	1°10	25°31	26°58	18°35	2° 2	16°22	15°51	16°54	2° 6	n.a.	W10
T 11	10 34 6	10°27'50	27°47	0♓24	1° 8	1°52	25°28	27° 2	18°37	2° 1	16°22	15°41	16°51	2°13	n.a.	T 11
F 12	10 38 2	11°26'19	12♓ 3	2°21	1°38	2°34	25°24	27° 5	18°38	2° 0	16°22	15°30	16°47	2°19	n.a.	F 12
S 13	10 41 59	12°24'45	26° 1	4°20	2° 9	3°16	25°20	27° 9	18°39	1°59	16°23	15°21	16°44	2°26	n.a.	S 13
S 14	10 45 55	13°23'10	9♈37	6°20	2°42	3°58	25°16	27°13	18°40	1°58	16°23	15°14	16°41	2°33	n.a.	S 14
M15	10 49 52	14°21'32	22°49	8°22	3°16	4°40	25°12	27°17	18°41	1°56	16°23	15°10	16°38	2°39	n.a.	M15
T 16	10 53 48	15°19'52	5♉38	10°25	3°51	5°22	25° 8	27°21	18°42	1°55	16°23	15° 7	16°35	2°46	n.a.	T 16
W17	10 57 45	16°18'10	18° 6	12°29	4°28	6° 4	25° 4	27°25	18°43	1°54	16°23	15°D 7	16°32	2°53	n.a.	W17
T 18	11 1 41	17°16'26	0♊17	14°34	5° 6	6°46	24°59	27°29	18°43	1°53	16°23	15° 8	16°28	2°59	n.a.	T 18
F 19	11 5 38	18°14'40	12°16	16°41	5°45	7°28	24°55	27°33	18°44	1°52	16°23	15° 8	16°25	3° 6	n.a.	F 19
S 20	11 9 35	19°12'52	24° 8	18°48	6°25	8° 9	24°50	27°38	18°45	1°51	16°24	15°R 8	16°22	3°13	n.a.	S 20
S 21	11 13 31	20°11'02	5♋58	20°56	7° 6	8°51	24°45	27°42	18°46	1°50	16°24	15° 7	16°19	3°19	n.a.	S 21
M22	11 17 28	21° 9'09	17°52	23° 4	7°48	9°33	24°40	27°47	18°46	1°49	16°24	15° 3	16°16	3°26	n.a.	M22
T 23	11 21 24	22° 7'15	29°53	25°13	8°31	10°14	24°35	27°51	18°47	1°48	16°25	14°58	16°12	3°33	n.a.	T 23
W24	11 25 21	23° 5'18	12♌ 6	27°22	9°15	10°56	24°29	27°56	18°47	1°47	16°25	14°50	16° 9	3°39	n.a.	W24
T 25	11 29 17	24° 3'19	24°33	29°31	10° 0	11°37	24°24	28° 1	18°48	1°46	16°25	14°42	16° 6	3°46	n.a.	T 25
F 26	11 33 14	25° 1'19	7♍15	1♈39	10°46	12°19	24°18	28° 6	18°48	1°45	16°26	14°33	16° 3	3°53	n.a.	F 26
S 27	11 37 10	25°59'16	20°13	3°46	11°32	13° 0	24°12	28°11	18°49	1°45	16°26	14°24	16° 0	4° 0	n.a.	S 27
S 28	11 41 7	26°57'12	3♎27	5°52	12°20	13°42	24° 6	28°16	18°49	1°44	16°27	14°17	15°57	4° 6	n.a.	S 28
M29	11 45 4	27°55'06	16°54	7°57	13° 8	14°23	24° 0	28°21	18°49	1°43	16°27	14°12	15°53	4°13	n.a.	M29
T 30	11 49 0	28°52'58	0♏33	10° 0	13°57	15° 4	23°54	28°26	18°49	1°42	16°28	14°10	15°50	4°20	n.a.	T 30
W31	11 52 57	29♓50'49	14♏22	12♈ 1	14♒46	15♈45	23♎48	28♉31	18♐50	1♌42	16♊28	14°D 9	15♉47	4♋26	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s24	0s 2	3n10	19s33	2s15	15s15	5n49	2s23	0s19	8s55	1n20	18n39	1s 4	23s31	0s13	20n49	0n52	25n37	2n31	16n59	17n17	27n23		n.a.
T 2	11 3	6 7	2 12	19 3	2 15	15 23	5 39	2 5	0 19	8 54	1 20	18 40	1 3	23 32	0 13	20 50	0 52	25 37	2 31	16 58	17 16	27 23		n.a.
W 3	10 42	12 2	1 4	18 31	2 14	15 31	5 28	1 48	0 18	8 53	1 20	18 41	1 3	23 32	0 13	20 50	0 52	25 37	2 31	16 57	17 15	27 24		n.a.
T 4	10 20	17 29	0s 7	17 58	2 13	15 38	5 17	1 30	0 17	8 52	1 20	18 42	1 3	23 32	0 13	20 50	0 52	25 37	2 31	16 57	17 14	27 24		n.a.
F 5	9 58	22 5	1 20	17 23	2 12	15 45	5 7	1 12	0 17	8 51	1 21	18 43	1 3	23 32	0 13	20 51	0 52	25 37	2 31	16 57	17 14	27 25		n.a.
S 6	9 37	25 29	2 29	16 45	2 9	15 51	4 56	0 55	0 16	8 50	1 21	18 44	1 2	23 32	0 13	20 51	0 52	25 37	2 31	16 57	17 13	27 25		n.a.
S 7	9 15	27 19	3 29	16 7	2 7	15 57	4 45	0 37	0 15	8 49	1 21	18 45	1 2	23 32	0 13	20 51	0 52	25 37	2 31	16 57	17 12	27 26		n.a.
M 8	8 53	27 19	4 17	15 26	2 3	16 2	4 35	0 19	0 15	8 48	1 21	18 46	1 2	23 32	0 13	20 52	0 52	25 37	2 31	16 55	17 11	27 26		n.a.
T 9	8 30	25 27	4 49	14 44	2 0	16 7	4 24	0 2	0 14	8 47	1 21	18 46	1 2	23 33	0 14	20 52	0 52	25 37	2 31	16 53	17 10	27 27		n.a.
W10	8 8	21 54	5 2	13 59	1 55	16 12	4 14	0n16	0 13	8 46	1 21	18 47	1 2	23 33	0 14	20 52	0 52	25 37	2 31	16 51	17 9	27 28		n.a.
T 11	7 46	17 3	4 56	13 13	1 50	16 16	4 4	0 34	0 13	8 44	1 21	18 49	1 1	23 33	0 14	20 52	0 52	25 37	2 31	16 48	17 8	27 28		n.a.
F 12	7 23	11 19	4 31	12 26	1 45	16 19	3 53	0 51	0 12	8 43	1 21	18 50	1 1	23 33	0 14	20 53	0 52	25 37	2 31	16 45	17 7	27 29		n.a.
S 13	7 1	5 7	3 50	11 36	1 39	16 22	3 43	1 9	0 11	8 41	1 21	18 51	1 1	23 33	0 14	20 53	0 52	25 37	2 31	16 42	17 6	27 29		n.a.
S 14	6 38	1n 9	2 57	10 45	1 32	16 24	3 33	1 26	0 11	8 40	1 22	18 52	1 1	23 33	0 14	20 53	0 52	25 37	2 31	16 40	17 5	27 29		n.a.
M15	6 15	7 13	1 56	9 53	1 25	16 26	3 24	1 44	0 10	8 38	1 22	18 53	1 1	23 33	0 14	20 54	0 52	25 37	2 31	16 38	17 4	27 30		n.a.
T 16	5 52	12 49	0 51	8 59	1 18	16 27	3 14	2 1	0 10	8 37	1 22	18 54	1 0	23 33	0 14	20 54	0 52	25 37	2 31	16 38	17 3	27 30		n.a.
W17	5 29	17 45	0n16	8 3	1 10	16 28	3 4	2 19	0 9	8 35	1 22	18 55	1 0	23 34	0 14	20 54	0 52	25 37	2 31	16 38	17 3	27 31		n.a.
T 18	5 6	21 50	1 20	7 6	1 1	16 28	2 55	2 36	0 8	8 33	1 22	18 56	1 0	23 34	0 14	20 54	0 52	25 37	2 31	16 38	17 2	27 31		n.a.
F 19	4 43	24 56	2 20	6 8	0 52	16 28	2 45	2 53	0 8	8 31	1 22	18 57	1 0	23 34	0 14	20 54	0 52	25 37	2 31	16 38	17 1	27 32		n.a.
S 20	4 20	26 54	3 13	5 9	0 43	16 27	2 36	3 11	0 7	8 30	1 22	18 59	1 0	23 34	0 14	20 55	0 52	25 37	2 31	16 38	17 0	27 32		n.a.
S 21	3 57	27 39	3 58	4 9	0 33	16 25	2 27	3 28	0 6	8 28	1 22	19 0	1 0	23 34	0 14	20 55	0 52	25 37	2 31	16 38	16 59	27 33		n.a.
M22	3 34	27 7	4 33	3 9	0 23	16 23	2 18	3 45	0 6	8 26	1 22	19 1	0 59	23 34	0 14	20 55	0 52	25 37	2 31	16 37	16 58	27 33		n.a.
T 23	3 10	25 18	4 56	2 7	0 13	16 20	2 9	4 2	0 5	8 24	1 22	19 2	0 59	23 34	0 14	20 55	0 52	25 37	2 31	16 35	16 57	27 34		n.a.
W24	2 47	22 19	5 6	1 6	0 2	16 17	2 1	4 19	0 4	8 22	1 22	19 3	0 59	23 34	0 14	20 56	0 52	25 37	2 31	16 33	16 56	27 34		n.a.
T 25	2 24	18 16	5 2	0 4	0n 9	16 13	1 52	4 37	0 4	8 20	1 23	19 5	0 59	23 34	0 14	20 56	0 52	25 37	2 31	16 30	16 55	27 34		n.a.
F 26	2 0	13 21	4 43	0n58	0 20	16 9	1 44	4 54	0 3	8 17	1 23	19 6	0 59	23 34	0 14	20 56	0 52	25 37	2 31	16 27	16 54	27 35		n.a.
S 27	1 37	7 44	4 9	1 59	0 30	16 4	1 36	5 11	0 3	8 15	1 23	19 7	0 58	23 34	0 14	20 56	0 52	25 37	2 31	16 25	16 53	27 35		n.a.
S 28	1 14	1 41	3 21	3 0	0 41	15 58	1 28	5 27	0 2	8 13	1 23	19 9	0 58	23 34	0 14	20 56	0 52	25 37	2 31	16 23	16 52	27 35		n.a.
M29	0 50	4s34	2 22	4 0	0 52	15 52	1 20	5 44	0 1	8 11	1 23	19 10	0 58	23 34	0 14	20 56	0 52	25 37	2 31	16 21	16 51	27 36		n.a.
T 30	0 27	10 43	1 13	4 58	1 2	15 45	1 12	6 1	0 1	8 8	1 23	19 11	0 58	23 34	0 14	20 57	0 52	25 37	2 31	16 20	16 50	27 36		n.a.
W31	0s 4	16s25	0s 1	5n56	1n13	15s38	1n 4	6n18	0s 0	8s 6	1n23	19n12	0s58	23s34	0s14	20n57	0n52	25n38	2n31	16n20	16n50	27n37		n.a.

Julian Day Number = 1344909.5, Delta T = 07h12m28s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'23, Lahiri = -18°11'23 Julian Calendar 1 March 1031 BCE == Greg. Calendar 19 Feb. 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

APRIL 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 56 53	0♈48'39	28♏19	14♈ 0	15♒37	16♈27	23°R41	28♉36	18♐50	1°R41	16♊29	14♉ 9	15♉44	4♋33	n.a.	T 1
F 2	12 0 50	1°46'27	12♐22	15°56	16°28	17° 8	23♎35	28°42	18°50	1♌40	16°29	14°11	15°41	4°40	n.a.	F 2
S 3	12 4 46	2°44'14	26°30	17°50	17°19	17°49	23°28	28°47	18°R50	1°40	16°30	14°R12	15°37	4°46	n.a.	S 3
S 4	12 8 43	3°42'00	10♑41	19°41	18°12	18°30	23°22	28°53	18°50	1°39	16°31	14°12	15°34	4°53	n.a.	S 4
M 5	12 12 39	4°39'45	24°53	21°29	19° 4	19°11	23°15	28°58	18°50	1°38	16°31	14°10	15°31	5° 0	n.a.	M 5
T 6	12 16 36	5°37'28	9♒ 5	23°13	19°58	19°52	23° 8	29° 4	18°50	1°38	16°32	14° 7	15°28	5° 6	n.a.	T 6
W 7	12 20 33	6°35'10	23°13	24°55	20°52	20°33	23° 1	29°10	18°49	1°37	16°33	14° 2	15°25	5°13	n.a.	W 7
T 8	12 24 29	7°32'51	7♓14	26°33	21°46	21°14	22°54	29°15	18°49	1°37	16°33	13°56	15°22	5°20	n.a.	T 8
F 9	12 28 26	8°30'30	21° 3	28° 8	22°41	21°55	22°47	29°21	18°49	1°36	16°34	13°51	15°18	5°27	n.a.	F 9
S 10	12 32 22	9°28'08	4♈37	29°40	23°37	22°36	22°40	29°27	18°49	1°36	16°35	13°46	15°15	5°33	n.a.	S 10
S 11	12 36 19	10°25'45	17°55	1♉ 8	24°33	23°17	22°32	29°33	18°48	1°36	16°36	13°42	15°12	5°40	n.a.	S 11
M12	12 40 15	11°23'20	0♉54	2°33	25°29	23°57	22°25	29°39	18°48	1°35	16°36	13°40	15° 9	5°47	n.a.	M12
T 13	12 44 12	12°20'54	13°35	3°54	26°26	24°38	22°18	29°45	18°47	1°35	16°37	13°D39	15° 6	5°53	n.a.	T 13
W14	12 48 8	13°18'26	25°59	5°11	27°23	25°19	22°10	29°51	18°47	1°35	16°38	13°40	15° 3	6° 0	n.a.	W14
T 15	12 52 5	14°15'57	8♊ 9	6°25	28°21	25°59	22° 3	29°58	18°46	1°34	16°39	13°41	14°59	6° 7	n.a.	T 15
F 16	12 56 1	15°13'27	20° 8	7°34	29°19	26°40	21°55	0♊ 4	18°46	1°34	16°40	13°43	14°56	6°13	n.a.	F 16
S 17	12 59 58	16°10'55	2♋ 1	8°41	0♓17	27°21	21°48	0°10	18°45	1°34	16°41	13°44	14°53	6°20	n.a.	S 17
S 18	13 3 55	17° 8'21	13°53	9°43	1°16	28° 1	21°40	0°17	18°44	1°34	16°42	13°R45	14°50	6°27	n.a.	S 18
M19	13 7 51	18° 5'47	25°47	10°41	2°15	28°42	21°33	0°23	18°43	1°34	16°43	13°45	14°47	6°33	n.a.	M19
T 20	13 11 48	19° 3'11	7♌50	11°35	3°15	29°22	21°25	0°30	18°43	1°34	16°44	13°44	14°43	6°40	n.a.	T 20
W21	13 15 44	20° 0'33	20° 5	12°26	4°15	0♉ 2	21°17	0°36	18°42	1°34	16°45	13°41	14°40	6°47	n.a.	W21
T 22	13 19 41	20°57'54	2♍36	13°12	5°15	0°43	21°10	0°43	18°41	1°34	16°46	13°38	14°37	6°54	n.a.	T 22
F 23	13 23 37	21°55'14	15°26	13°54	6°15	1°23	21° 2	0°50	18°40	1°D33	16°47	13°35	14°34	7° 0	n.a.	F 23
S 24	13 27 34	22°52'32	28°36	14°31	7°16	2° 4	20°54	0°56	18°39	1°34	16°48	13°32	14°31	7° 7	n.a.	S 24
S 25	13 31 30	23°49'50	12♎ 5	15° 4	8°17	2°44	20°47	1° 3	18°38	1°34	16°49	13°29	14°28	7°14	n.a.	S 25
M26	13 35 27	24°47'06	25°54	15°33	9°19	3°24	20°39	1°10	18°37	1°34	16°50	13°28	14°24	7°20	n.a.	M26
T 27	13 39 24	25°44'22	9♏58	15°58	10°20	4° 4	20°32	1°17	18°36	1°34	16°51	13°D27	14°21	7°27	n.a.	T 27
W28	13 43 20	26°41'36	24°13	16°17	11°22	4°44	20°24	1°24	18°35	1°34	16°52	13°27	14°18	7°34	n.a.	W28
T 29	13 47 17	27°38'51	8♐36	16°32	12°24	5°24	20°16	1°30	18°34	1°34	16°53	13°28	14°15	7°40	n.a.	T 29
F 30	13 51 13	28♈36'04	23♐ 1	16♉43	13♓27	6♉ 5	20♎ 9	1♊37	18♐32	1♌34	16♊54	13♉29	14♉12	7♋47	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n20	21s20	1s16	6n52	1n22	15s30	0n57	6n34	0n 1	8s 4	1n23	19n14	0s58	23s34	0s14	20n57	0n52	25n38	2n31	16n20	16n49	27n37		n.a.
F 2	0 43	25 4	2 27	7 46	1 32	15 22	0 50	6 51	0 1	8 1	1 23	19 15	0 57	23 34	0 14	20 57	0 52	25 38	2 31	16 21	16 48	27 37		n.a.
S 3	1 6	27 15	3 29	8 39	1 41	15 13	0 43	7 8	0 2	7 59	1 23	19 17	0 57	23 34	0 14	20 57	0 52	25 38	2 31	16 21	16 47	27 38		n.a.
S 4	1 30	27 41	4 19	9 30	1 49	15 3	0 36	7 24	0 2	7 56	1 23	19 18	0 57	23 34	0 14	20 57	0 52	25 38	2 31	16 21	16 46	27 38		n.a.
M 5	1 53	26 17	4 53	10 18	1 57	14 53	0 29	7 40	0 3	7 54	1 23	19 19	0 57	23 35	0 14	20 57	0 52	25 38	2 31	16 21	16 45	27 38		n.a.
T 6	2 16	23 13	5 9	11 5	2 4	14 43	0 22	7 57	0 4	7 51	1 23	19 21	0 57	23 35	0 14	20 57	0 52	25 38	2 31	16 20	16 44	27 39		n.a.
W 7	2 39	18 48	5 6	11 49	2 10	14 31	0 15	8 13	0 4	7 48	1 23	19 22	0 57	23 35	0 14	20 58	0 52	25 38	2 31	16 18	16 43	27 39		n.a.
T 8	3 2	13 23	4 45	12 31	2 16	14 20	0 9	8 29	0 5	7 46	1 23	19 24	0 56	23 35	0 14	20 58	0 52	25 38	2 31	16 16	16 42	27 39		n.a.
F 9	3 26	7 23	4 8	13 10	2 21	14 8	0 3	8 45	0 5	7 43	1 23	19 25	0 56	23 35	0 14	20 58	0 52	25 38	2 31	16 15	16 41	27 39		n.a.
S 10	3 49	1 8	3 17	13 48	2 25	13 55	0s 3	9 1	0 6	7 40	1 23	19 27	0 56	23 35	0 14	20 58	0 52	25 38	2 31	16 13	16 40	27 40		n.a.
S 11	4 12	5n 3	2 16	14 22	2 29	13 42	0 9	9 17	0 7	7 38	1 23	19 28	0 56	23 35	0 14	20 58	0 52	25 38	2 31	16 12	16 39	27 40		n.a.
M12	4 34	10 53	1 9	14 55	2 32	13 28	0 15	9 33	0 7	7 35	1 23	19 29	0 56	23 34	0 14	20 58	0 52	25 38	2 31	16 11	16 38	27 40		n.a.
T 13	4 57	16 10	0 0	15 25	2 34	13 14	0 21	9 49	0 8	7 32	1 23	19 31	0 56	23 34	0 14	20 58	0 52	25 39	2 31	16 11	16 37	27 40		n.a.
W14	5 20	20 38	1n 7	15 53	2 35	12 59	0 26	10 4	0 8	7 29	1 23	19 32	0 55	23 34	0 14	20 58	0 52	25 39	2 31	16 11	16 36	27 41		n.a.
T 15	5 43	24 9	2 10	16 18	2 35	12 44	0 32	10 20	0 9	7 27	1 23	19 34	0 55	23 34	0 14	20 58	0 52	25 39	2 31	16 12	16 35	27 41		n.a.
F 16	6 5	26 33	3 7	16 41	2 34	12 28	0 37	10 35	0 10	7 24	1 23	19 35	0 55	23 34	0 14	20 58	0 52	25 39	2 31	16 12	16 34	27 41		n.a.
S 17	6 28	27 43	3 55	17 1	2 33	12 12	0 42	10 51	0 10	7 21	1 23	19 37	0 55	23 34	0 14	20 58	0 52	25 39	2 31	16 13	16 34	27 41		n.a.
S 18	6 50	27 36	4 33	17 19	2 30	11 55	0 47	11 6	0 11	7 18	1 22	19 38	0 55	23 34	0 14	20 58	0 52	25 39	2 31	16 13	16 33	27 42		n.a.
M19	7 12	26 13	4 59	17 35	2 27	11 38	0 52	11 21	0 11	7 15	1 22	19 40	0 55	23 34	0 14	20 58	0 52	25 39	2 31	16 13	16 32	27 42		n.a.
T 20	7 35	23 37	5 12	17 49	2 23	11 21	0 56	11 37	0 12	7 13	1 22	19 41	0 54	23 34	0 14	20 58	0 52	25 39	2 31	16 13	16 31	27 42		n.a.
W21	7 57	19 56	5 12	18 0	2 18	11 3	1 1	11 52	0 12	7 10	1 22	19 43	0 54	23 34	0 14	20 58	0 52	25 39	2 31	16 12	16 30	27 42		n.a.
T 22	8 19	15 19	4 57	18 8	2 12	10 45	1 5	12 6	0 13	7 7	1 22	19 45	0 54	23 34	0 14	20 58	0 52	25 40	2 31	16 11	16 29	27 42		n.a.
F 23	8 40	9 55	4 27	18 15	2 5	10 26	1 10	12 21	0 14	7 4	1 22	19 46	0 54	23 34	0 14	20 58	0 52	25 40	2 31	16 10	16 28	27 42		n.a.
S 24	9 2	3 58	3 42	18 19	1 57	10 7	1 14	12 36	0 14	7 1	1 22	19 48	0 54	23 34	0 14	20 58	0 52	25 40	2 31	16 9	16 27	27 43		n.a.
S 25	9 23	2s20	2 44	18 20	1 48	9 47	1 18	12 51	0 15	6 59	1 22	19 49	0 54	23 34	0 14	20 58	0 52	25 40	2 31	16 8	16 26	27 43		n.a.
M26	9 45	8 41	1 35	18 20	1 39	9 27	1 21	13 5	0 15	6 56	1 22	19 51	0 54	23 34	0 14	20 58	0 52	25 40	2 31	16 8	16 25	27 43		n.a.
T 27	10 6	14 44	0 19	18 17	1 28	9 7	1 25	13 20	0 16	6 53	1 22	19 52	0 53	23 34	0 15	20 58	0 52	25 40	2 31	16 8	16 24	27 43		n.a.
W28	10 27	20 5	0s59	18 12	1 17	8 47	1 29	13 34	0 16	6 50	1 21	19 54	0 53	23 34	0 15	20 58	0 52	25 40	2 31	16 8	16 23	27 43		n.a.
T 29	10 48	24 18	2 14	18 5	1 5	8 26	1 32	13 48	0 17	6 48	1 21	19 55	0 53	23 34	0 15	20 58	0 52	25 40	2 31	16 8	16 22	27 43		n.a.
F 30	11n 9	26s59	3s21	17n55	0n52	8s 4	1s35	14n 2	0n18	6s45	1n21	19n57	0s53	23s34	0s15	20n58	0n52	25n41	2n32	16n 8	16n21	27n43		n.a.

Julian Day Number = 1344940.5, Delta T = 07h12m26s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'19, Lahiri = -18°11'18 Julian Calendar 1 Apr. 1031 BCE == Greg. Calendar 22 March 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

MAY 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 55 10	29♈33'17	7♉24	16♉49	14♓30	6♉45	20°R 2	1♊44	18°R31	1♎35	16♊56	13♉30	14♉ 9	7♋54	n.a.	S 1
S 2	13 59 6	0♉30'30	21°42	16°R50	15°33	7°25	19♎54	1°51	18♐30	1°35	16°57	13°31	14° 5	8° 1	n.a.	S 2
M 3	14 3 3	1°27'42	5♒53	16°47	16°36	8° 5	19°47	1°59	18°28	1°35	16°58	13°R31	14° 2	8° 7	n.a.	M 3
T 4	14 7 0	2°24'54	19°54	16°40	17°39	8°45	19°39	2° 6	18°27	1°36	16°59	13°31	13°59	8°14	n.a.	T 4
W 5	14 10 56	3°22'05	3♓43	16°28	18°43	9°25	19°32	2°13	18°26	1°36	17° 1	13°30	13°56	8°21	n.a.	W 5
T 6	14 14 53	4°19'16	17°19	16°13	19°47	10° 4	19°25	2°20	18°24	1°36	17° 2	13°29	13°53	8°27	n.a.	T 6
F 7	14 18 49	5°16'26	0♈42	15°53	20°51	10°44	19°18	2°27	18°23	1°37	17° 3	13°28	13°49	8°34	n.a.	F 7
S 8	14 22 46	6°13'36	13°51	15°30	21°55	11°24	19°11	2°35	18°21	1°37	17° 4	13°27	13°46	8°41	n.a.	S 8
S 9	14 26 42	7°10'45	26°46	15° 5	23° 0	12° 4	19° 4	2°42	18°19	1°38	17° 6	13°26	13°43	8°47	n.a.	S 9
M10	14 30 39	8° 7'55	9♉27	14°36	24° 4	12°44	18°57	2°49	18°18	1°38	17° 7	13°D26	13°40	8°54	n.a.	M10
T 11	14 34 35	9° 5'03	21°55	14° 5	25° 9	13°23	18°50	2°57	18°16	1°39	17° 8	13°26	13°37	9° 1	n.a.	T 11
W12	14 38 32	10° 2'12	4♊10	13°32	26°14	14° 3	18°43	3° 4	18°14	1°40	17°10	13°26	13°34	9° 7	n.a.	W12
T 13	14 42 29	10°59'19	16°15	12°59	27°19	14°43	18°37	3°12	18°13	1°40	17°11	13°26	13°30	9°14	n.a.	T 13
F 14	14 46 25	11°56'27	28°12	12°24	28°25	15°23	18°30	3°19	18°11	1°41	17°13	13°27	13°27	9°21	n.a.	F 14
S 15	14 50 22	12°53'33	10♋ 4	11°50	29°30	16° 2	18°24	3°27	18° 9	1°42	17°14	13°27	13°24	9°28	n.a.	S 15
S 16	14 54 18	13°50'40	21°55	11°16	0♈36	16°42	18°18	3°34	18° 7	1°42	17°15	13°R27	13°21	9°34	n.a.	S 16
M17	14 58 15	14°47'45	3♌49	10°44	1°42	17°21	18°11	3°42	18° 5	1°43	17°17	13°27	13°18	9°41	n.a.	M17
T 18	15 2 11	15°44'51	15°51	10°13	2°48	18° 1	18° 5	3°49	18° 4	1°44	17°18	13°D27	13°15	9°48	n.a.	T 18
W19	15 6 8	16°41'55	28° 5	9°44	3°54	18°40	17°59	3°57	18° 2	1°45	17°20	13°27	13°11	9°54	n.a.	W19
T 20	15 10 4	17°39'00	10♍35	9°18	5° 0	19°20	17°54	4° 4	18° 0	1°46	17°21	13°27	13° 8	10° 1	n.a.	T 20
F 21	15 14 1	18°36'03	23°26	8°56	6° 7	19°59	17°48	4°12	17°58	1°46	17°23	13°27	13° 5	10° 8	n.a.	F 21
S 22	15 17 58	19°33'07	6♎39	8°36	7°13	20°39	17°42	4°20	17°56	1°47	17°24	13°28	13° 2	10°15	n.a.	S 22
S 23	15 21 54	20°30'10	20°16	8°21	8°20	21°18	17°37	4°27	17°54	1°48	17°26	13°28	12°59	10°21	n.a.	S 23
M24	15 25 51	21°27'13	4♏18	8°10	9°27	21°57	17°32	4°35	17°52	1°49	17°27	13°29	12°55	10°28	n.a.	M24
T 25	15 29 47	22°24'16	18°40	8° 4	10°34	22°37	17°27	4°43	17°50	1°50	17°29	13°R29	12°52	10°35	n.a.	T 25
W26	15 33 44	23°21'19	3♐19	8°D 2	11°41	23°16	17°22	4°50	17°47	1°51	17°30	13°29	12°49	10°41	n.a.	W26
T 27	15 37 40	24°18'23	18° 7	8° 5	12°48	23°55	17°17	4°58	17°45	1°52	17°32	13°28	12°46	10°48	n.a.	T 27
F 28	15 41 37	25°15'26	2♑58	8°13	13°56	24°34	17°12	5° 6	17°43	1°53	17°33	13°26	12°43	10°55	n.a.	F 28
S 29	15 45 34	26°12'30	17°44	8°26	15° 3	25°14	17° 8	5°14	17°41	1°55	17°35	13°25	12°40	11° 1	n.a.	S 29
S 30	15 49 30	27° 9'34	2♒18	8°44	16°11	25°53	17° 3	5°21	17°39	1°56	17°36	13°24	12°36	11° 8	n.a.	S 30
M31	15 53 27	28♉ 6'39	16♒36	9♉ 7	17♈19	26♉32	16♎59	5♊29	17♐37	1♎57	17♊38	13♉23	12♉33	11♋15	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n29	27s52	4s16	17n44	0n38	7s43	1s39	14n16	0n18	6s42	1n21	19n58	0s53	23s33	0s15	20n58	0n52	25n41	2n32	16n 9	16n20	27n44		n.a.
S 2	11 50	26 52	4 54	17 31	0 24	7 21	1 42	14 30	0 19	6 39	1 21	20 0	0 53	23 33	0 15	20 58	0 52	25 41	2 32	16 9	16 19	27 44		n.a.
M 3	12 10	24 9	5 13	17 15	0 8	6 58	1 44	14 44	0 19	6 37	1 21	20 2	0 53	23 33	0 15	20 58	0 52	25 41	2 32	16 9	16 18	27 44		n.a.
T 4	12 30	20 2	5 14	16 58	0s 7	6 36	1 47	14 57	0 20	6 34	1 21	20 3	0 53	23 33	0 15	20 58	0 52	25 41	2 32	16 9	16 17	27 44		n.a.
W 5	12 50	14 54	4 57	16 39	0 23	6 13	1 50	15 11	0 20	6 31	1 20	20 5	0 52	23 33	0 15	20 57	0 52	25 41	2 32	16 8	16 16	27 44		n.a.
T 6	13 10	9 6	4 23	16 19	0 40	5 50	1 52	15 24	0 21	6 29	1 20	20 6	0 52	23 33	0 15	20 57	0 52	25 41	2 32	16 8	16 15	27 44		n.a.
F 7	13 29	3 0	3 35	15 57	0 56	5 26	1 55	15 37	0 21	6 26	1 20	20 8	0 52	23 33	0 15	20 57	0 52	25 42	2 32	16 8	16 14	27 44		n.a.
S 8	13 48	3n 9	2 37	15 35	1 13	5 2	1 57	15 50	0 22	6 24	1 20	20 9	0 52	23 33	0 15	20 57	0 52	25 42	2 32	16 7	16 13	27 44		n.a.
S 9	14 8	9 4	1 31	15 11	1 30	4 38	1 59	16 3	0 23	6 21	1 20	20 11	0 52	23 33	0 15	20 57	0 52	25 42	2 32	16 7	16 12	27 44		n.a.
M10	14 26	14 31	0 22	14 47	1 47	4 14	2 1	16 16	0 23	6 19	1 19	20 13	0 52	23 32	0 15	20 57	0 52	25 42	2 32	16 7	16 11	27 44		n.a.
T 11	14 45	19 17	0n47	14 22	2 3	3 50	2 3	16 29	0 24	6 16	1 19	20 14	0 52	23 32	0 15	20 57	0 52	25 42	2 32	16 7	16 11	27 44		n.a.
W12	15 3	23 9	1 52	13 57	2 19	3 25	2 5	16 42	0 24	6 14	1 19	20 16	0 52	23 32	0 15	20 57	0 51	25 42	2 32	16 7	16 10	27 44		n.a.
T 13	15 22	25 57	2 52	13 32	2 34	3 0	2 6	16 54	0 25	6 12	1 19	20 17	0 51	23 32	0 15	20 56	0 51	25 43	2 32	16 7	16 9	27 44		n.a.
F 14	15 40	27 32	3 43	13 8	2 48	2 35	2 8	17 6	0 25	6 9	1 19	20 19	0 51	23 32	0 15	20 56	0 51	25 43	2 32	16 7	16 8	27 44		n.a.
S 15	15 57	27 50	4 25	12 45	3 2	2 10	2 9	17 19	0 26	6 7	1 18	20 20	0 51	23 32	0 15	20 56	0 51	25 43	2 32	16 7	16 7	27 44		n.a.
S 16	16 15	26 51	4 55	12 22	3 15	1 45	2 11	17 31	0 26	6 5	1 18	20 22	0 51	23 32	0 15	20 56	0 51	25 43	2 32	16 7	16 6	27 44		n.a.
M17	16 32	24 39	5 13	12 1	3 26	1 19	2 12	17 43	0 27	6 3	1 18	20 23	0 51	23 31	0 15	20 56	0 51	25 43	2 32	16 7	16 5	27 44		n.a.
T 18	16 49	21 22	5 17	11 42	3 36	0 54	2 13	17 54	0 27	6 0	1 18	20 25	0 51	23 31	0 15	20 55	0 51	25 43	2 32	16 7	16 4	27 44		n.a.
W19	17 6	17 6	5 7	11 24	3 45	0 28	2 14	18 6	0 28	5 58	1 18	20 27	0 51	23 31	0 15	20 55	0 51	25 44	2 32	16 7	16 3	27 44		n.a.
T 20	17 22	12 3	4 42	11 9	3 53	0 2	2 14	18 18	0 28	5 56	1 17	20 28	0 51	23 31	0 15	20 55	0 51	25 44	2 32	16 8	16 2	27 44		n.a.
F 21	17 38	6 22	4 3	10 56	3 59	0n24	2 15	18 29	0 29	5 54	1 17	20 30	0 51	23 31	0 15	20 55	0 51	25 44	2 32	16 8	16 1	27 44		n.a.
S 22	17 54	0 13	3 10	10 45	4 4	0 50	2 16	18 40	0 29	5 52	1 17	20 31	0 50	23 31	0 15	20 55	0 51	25 44	2 32	16 8	16 0	27 44		n.a.
S 23	18 9	6s 7	2 5	10 37	4 7	1 16	2 16	18 51	0 30	5 51	1 17	20 33	0 50	23 30	0 15	20 54	0 51	25 44	2 32	16 8	15 59	27 44		n.a.
M24	18 25	12 22	0 51	10 32	4 9	1 43	2 17	19 2	0 30	5 49	1 16	20 34	0 50	23 30	0 15	20 54	0 51	25 45	2 32	16 8	15 58	27 44		n.a.
T 25	18 40	18 7	0s29	10 29	4 10	2 9	2 17	19 13	0 31	5 47	1 16	20 36	0 50	23 30	0 15	20 54	0 51	25 45	2 32	16 8	15 57	27 44		n.a.
W26	18 54	22 55	1 48	10 29	4 9	2 36	2 17	19 23	0 31	5 45	1 16	20 37	0 50	23 30	0 15	20 54	0 51	25 45	2 32	16 8	15 56	27 44		n.a.
T 27	19 9	26 16	3 0	10 31	4 8	3 2	2 17	19 34	0 32	5 44	1 16	20 39	0 50	23 30	0 15	20 53	0 51	25 45	2 32	16 8	15 55	27 44		n.a.
F 28	19 23	27 48	4 1	10 37	4 5	3 29	2 17	19 44	0 32	5 42	1 15	20 40	0 50	23 30	0 15	20 53	0 51	25 45	2 32	16 7	15 54	27 43		n.a.
S 29	19 37	27 20	4 45	10 45	4 1	3 55	2 17	19 54	0 33	5 41	1 15	20 42	0 50	23 29	0 15	20 53	0 51	25 45	2 32	16 7	15 53	27 43		n.a.
S 30	19 50	24 59	5 10	10 55	3 56	4 22	2 17	20 4	0 33	5 39	1 15	20 43	0 50	23 29	0 15	20 53	0 51	25 46	2 32	16 7	15 52	27 43		n.a.
M31	20n 3	21s 6	5s15	11n 8	3s50	4n48	2s16	20n14	0n34	5s38	1n15	20n45	0s50	23s29	0s15	20n52	0n51	25n46	2n32	16n 6	15n51	27n43		n.a.

Julian Day Number = 1344970.5, Delta T = 07h12m24s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'15, Lahiri = -18°11'14 Julian Calendar 1 May 1031 BCE == Greg. Calendar 21 Apr. 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

JUNE 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 57 23	29♉ 3'44	0♓36	9♉35	18♈27	27♉11	16°R55	5♊37	17°R34	1♌58	17♊40	13°D23	12♉30	11♋22	n.a.	T 1
W 2	16 1 20	0♊ 0'50	14°16	10° 8	19°35	27°50	16♎51	5°45	17♐32	1°59	17°41	13♉23	12°27	11°28	n.a.	W 2
T 3	16 5 16	0°57'56	27°38	10°47	20°43	28°29	16°47	5°53	17°30	2° 1	17°43	13°24	12°24	11°35	n.a.	T 3
F 4	16 9 13	1°55'03	10♈42	11°30	21°51	29° 8	16°44	6° 0	17°28	2° 2	17°44	13°25	12°20	11°42	n.a.	F 4
S 5	16 13 9	2°52'11	23°30	12°18	22°59	29°47	16°40	6° 8	17°25	2° 3	17°46	13°27	12°17	11°48	n.a.	S 5
S 6	16 17 6	3°49'19	6♉ 5	13°11	24° 8	0♊26	16°37	6°16	17°23	2° 4	17°48	13°27	12°14	11°55	n.a.	S 6
M 7	16 21 3	4°46'28	18°28	14° 9	25°17	1° 5	16°34	6°24	17°21	2° 6	17°49	13°R28	12°11	12° 2	n.a.	M 7
T 8	16 24 59	5°43'37	0♊41	15°11	26°25	1°44	16°31	6°32	17°18	2° 7	17°51	13°27	12° 8	12° 8	n.a.	T 8
W 9	16 28 56	6°40'47	12°46	16°18	27°34	2°23	16°29	6°39	17°16	2° 9	17°52	13°24	12° 5	12°15	n.a.	W 9
T 10	16 32 52	7°37'58	24°44	17°30	28°43	3° 2	16°26	6°47	17°14	2°10	17°54	13°21	12° 1	12°22	n.a.	T 10
F 11	16 36 49	8°35'09	6♋37	18°46	29°52	3°41	16°24	6°55	17°11	2°12	17°56	13°17	11°58	12°29	n.a.	F 11
S 12	16 40 45	9°32'20	18°28	20° 7	1♉ 1	4°20	16°21	7° 3	17° 9	2°13	17°57	13°13	11°55	12°35	n.a.	S 12
S 13	16 44 42	10°29'32	0♌19	21°32	2°10	4°59	16°19	7°11	17° 7	2°15	17°59	13° 9	11°52	12°42	n.a.	S 13
M14	16 48 39	11°26'45	12°13	23° 1	3°19	5°38	16°18	7°19	17° 4	2°16	18° 1	13° 5	11°49	12°49	n.a.	M14
T 15	16 52 35	12°23'58	24°14	24°35	4°29	6°16	16°16	7°26	17° 2	2°18	18° 2	13° 2	11°46	12°55	n.a.	T 15
W16	16 56 32	13°21'11	6♍26	26°12	5°38	6°55	16°15	7°34	16°59	2°19	18° 4	13° 1	11°42	13° 2	n.a.	W16
T 17	17 0 28	14°18'25	18°52	27°53	6°48	7°34	16°13	7°42	16°57	2°21	18° 6	13°D 1	11°39	13° 9	n.a.	T 17
F 18	17 4 25	15°15'39	1♎39	29°38	7°58	8°13	16°12	7°50	16°55	2°22	18° 7	13° 2	11°36	13°16	n.a.	F 18
S 19	17 8 21	16°12'54	14°48	1♊26	9° 7	8°51	16°11	7°58	16°52	2°24	18° 9	13° 3	11°33	13°22	n.a.	S 19
S 20	17 12 18	17°10'10	28°24	3°17	10°17	9°30	16°11	8° 5	16°50	2°26	18°11	13° 5	11°30	13°29	n.a.	S 20
M21	17 16 14	18° 7'26	12♏27	5°11	11°27	10° 9	16°10	8°13	16°47	2°27	18°12	13°R 5	11°26	13°36	n.a.	M21
T 22	17 20 11	19° 4'43	26°56	7° 8	12°37	10°47	16°10	8°21	16°45	2°29	18°14	13° 5	11°23	13°42	n.a.	T 22
W23	17 24 8	20° 2'01	11♐47	9° 6	13°47	11°26	16°D10	8°29	16°43	2°31	18°16	13° 2	11°20	13°49	n.a.	W23
T 24	17 28 4	20°59'20	26°53	11° 7	14°57	12° 5	16°10	8°36	16°40	2°33	18°17	12°58	11°17	13°56	n.a.	T 24
F 25	17 32 1	21°56'40	12♑ 4	13° 9	16° 7	12°43	16°10	8°44	16°38	2°34	18°19	12°53	11°14	14° 2	n.a.	F 25
S 26	17 35 57	22°54'02	27°11	15°12	17°18	13°22	16°10	8°52	16°35	2°36	18°21	12°47	11°11	14° 9	n.a.	S 26
S 27	17 39 54	23°51'24	12♒ 4	17°16	18°28	14° 0	16°11	8°59	16°33	2°38	18°22	12°42	11° 7	14°16	n.a.	S 27
M28	17 43 50	24°48'48	26°36	19°21	19°39	14°39	16°12	9° 7	16°31	2°40	18°24	12°38	11° 4	14°23	n.a.	M28
T 29	17 47 47	25°46'13	10♓44	21°26	20°49	15°17	16°13	9°15	16°28	2°42	18°26	12°35	11° 1	14°29	n.a.	T 29
W30	17 51 44	26♊43'40	24♓25	23♊31	22♉ 0	15♊56	16♎14	9♊22	16♐26	2♌44	18♊27	12°D34	10♉58	14♋36	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n16	16s 7	5s 2	11n24	3s43	5n15	2s16	20n24	0n34	5s36	1n14	20n46	0s49	23s29	0s15	20n52	0n51	25n46	2n33	16n 6	15n50	27n43		n.a.
W 2	20 28	10 27	4 31	11 42	3 35	5 41	2 16	20 34	0 35	5 35	1 14	20 48	0 49	23 29	0 15	20 52	0 51	25 46	2 33	16 6	15 49	27 43		n.a.
T 3	20 41	4 25	3 47	12 2	3 26	6 8	2 15	20 43	0 35	5 34	1 14	20 49	0 49	23 28	0 15	20 51	0 51	25 46	2 33	16 7	15 48	27 43		n.a.
F 4	20 52	1n41	2 51	12 24	3 17	6 35	2 14	20 52	0 36	5 33	1 13	20 51	0 49	23 28	0 15	20 51	0 51	25 47	2 33	16 7	15 47	27 42		n.a.
S 5	21 4	7 36	1 48	12 48	3 7	7 1	2 13	21 1	0 36	5 32	1 13	20 52	0 49	23 28	0 15	20 51	0 51	25 47	2 33	16 7	15 46	27 42		n.a.
S 6	21 15	13 7	0 41	13 15	2 56	7 27	2 12	21 10	0 37	5 31	1 13	20 54	0 49	23 28	0 15	20 50	0 51	25 47	2 33	16 8	15 45	27 42		n.a.
M 7	21 26	18 2	0n28	13 43	2 45	7 54	2 12	21 19	0 37	5 30	1 13	20 55	0 49	23 28	0 15	20 50	0 51	25 47	2 33	16 8	15 44	27 42		n.a.
T 8	21 36	22 8	1 33	14 12	2 34	8 20	2 10	21 27	0 38	5 29	1 12	20 57	0 49	23 27	0 15	20 50	0 51	25 47	2 33	16 7	15 43	27 42		n.a.
W 9	21 46	25 14	2 34	14 43	2 22	8 46	2 9	21 36	0 38	5 28	1 12	20 58	0 49	23 27	0 15	20 49	0 51	25 48	2 33	16 7	15 42	27 41		n.a.
T 10	21 56	27 10	3 27	15 15	2 9	9 12	2 8	21 44	0 39	5 28	1 12	20 59	0 49	23 27	0 15	20 49	0 51	25 48	2 33	16 6	15 41	27 41		n.a.
F 11	22 5	27 50	4 11	15 49	1 57	9 38	2 7	21 52	0 39	5 27	1 11	21 1	0 49	23 27	0 15	20 49	0 51	25 48	2 33	16 5	15 40	27 41		n.a.
S 12	22 14	27 13	4 44	16 23	1 44	10 3	2 5	22 0	0 40	5 26	1 11	21 2	0 48	23 26	0 15	20 48	0 51	25 48	2 33	16 3	15 39	27 41		n.a.
S 13	22 23	25 22	5 5	16 58	1 31	10 29	2 4	22 8	0 40	5 26	1 11	21 4	0 48	23 26	0 15	20 48	0 51	25 49	2 33	16 2	15 38	27 41		n.a.
M14	22 31	22 24	5 13	17 34	1 18	10 54	2 2	22 15	0 41	5 25	1 11	21 5	0 48	23 26	0 15	20 48	0 51	25 49	2 33	16 1	15 37	27 40		n.a.
T 15	22 38	18 28	5 7	18 10	1 5	11 19	2 1	22 23	0 41	5 25	1 10	21 6	0 48	23 26	0 15	20 47	0 51	25 49	2 33	16 0	15 36	27 40		n.a.
W16	22 46	13 43	4 47	18 46	0 52	11 44	1 59	22 30	0 42	5 25	1 10	21 8	0 48	23 26	0 15	20 47	0 51	25 49	2 33	16 0	15 35	27 40		n.a.
T 17	22 53	8 21	4 14	19 22	0 39	12 9	1 57	22 37	0 42	5 24	1 10	21 9	0 48	23 25	0 15	20 47	0 51	25 49	2 33	16 0	15 34	27 40		n.a.
F 18	22 59	2 30	3 27	19 58	0 26	12 34	1 56	22 44	0 43	5 24	1 9	21 10	0 48	23 25	0 15	20 46	0 51	25 50	2 33	16 0	15 33	27 39		n.a.
S 19	23 6	3s39	2 28	20 33	0 14	12 58	1 54	22 50	0 43	5 24	1 9	21 12	0 48	23 25	0 15	20 46	0 51	25 50	2 34	16 0	15 32	27 39		n.a.
S 20	23 11	9 50	1 19	21 7	0 2	13 22	1 52	22 57	0 44	5 24	1 9	21 13	0 48	23 25	0 15	20 45	0 51	25 50	2 34	16 1	15 31	27 39		n.a.
M21	23 17	15 46	0 4	21 40	0n10	13 46	1 50	23 3	0 44	5 24	1 9	21 14	0 48	23 24	0 15	20 45	0 51	25 50	2 34	16 1	15 30	27 38		n.a.
T 22	23 22	20 59	1s15	22 12	0 21	14 10	1 48	23 9	0 45	5 24	1 8	21 16	0 48	23 24	0 15	20 45	0 51	25 50	2 34	16 1	15 29	27 38		n.a.
W23	23 26	25 2	2 30	22 41	0 32	14 33	1 46	23 15	0 45	5 25	1 8	21 17	0 48	23 24	0 15	20 44	0 51	25 51	2 34	16 0	15 28	27 38		n.a.
T 24	23 30	27 22	3 35	23 9	0 42	14 56	1 43	23 21	0 45	5 25	1 8	21 18	0 48	23 24	0 15	20 44	0 51	25 51	2 34	15 59	15 27	27 37		n.a.
F 25	23 34	27 41	4 26	23 35	0 51	15 19	1 41	23 26	0 46	5 25	1 7	21 20	0 47	23 23	0 15	20 43	0 51	25 51	2 34	15 57	15 26	27 37		n.a.
S 26	23 38	25 55	4 58	23 59	1 0	15 41	1 39	23 32	0 46	5 26	1 7	21 21	0 47	23 23	0 15	20 43	0 51	25 51	2 34	15 55	15 25	27 37		n.a.
S 27	23 40	22 23	5 9	24 20	1 8	16 3	1 37	23 37	0 47	5 26	1 7	21 22	0 47	23 23	0 15	20 43	0 51	25 52	2 34	15 54	15 24	27 36		n.a.
M28	23 43	17 32	5 0	24 38	1 16	16 25	1 34	23 42	0 47	5 27	1 6	21 23	0 47	23 23	0 15	20 42	0 51	25 52	2 34	15 52	15 23	27 36		n.a.
T 29	23 45	11 52	4 33	24 54	1 22	16 46	1 32	23 47	0 48	5 27	1 6	21 25	0 47	23 22	0 15	20 42	0 51	25 52	2 34	15 52	15 22	27 36		n.a.
W30	23n47	5s47	3s51	25n 7	1n28	17n 7	1s29	23n52	0n48	5s28	1n 6	21n26	0s47	23s22	0s15	20n41	0n51	25n52	2n34	15n51	15n21	27n35		n.a.

Julian Day Number = 1345001.5, Delta T = 07h12m23s
Ecliptic obliquity = 23°49'11, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'11, Lahiri = -18°11'10 Julian Calendar 1 June 1031 BCE == Greg. Calendar 22 May 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

JULY 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 55 40	27♊41'08	7♈41	25♊35	23♉11	16♊34	16♎15	9♊30	16°R24	2♏46	18♊29	12♉34	10♉55	14♋43	n.a.	T 1
F 2	17 59 37	28°38'37	20°35	27°39	24°22	17°13	16°16	9°37	16♐21	2°47	18°31	12°35	10°52	14°49	n.a.	F 2
S 3	18 3 33	29°36'08	3♉11	29°42	25°33	17°51	16°18	9°45	16°19	2°49	18°32	12°37	10°48	14°56	n.a.	S 3
S 4	18 7 30	0♋33'41	15°32	1♋45	26°44	18°30	16°20	9°52	16°17	2°51	18°34	12°R37	10°45	15° 3	n.a.	S 4
M 5	18 11 26	1°31'15	27°42	3°46	27°55	19° 8	16°22	10° 0	16°14	2°53	18°36	12°36	10°42	15°10	n.a.	M 5
T 6	18 15 23	2°28'51	9♊43	5°47	29° 6	19°46	16°24	10° 7	16°12	2°55	18°37	12°32	10°39	15°16	n.a.	T 6
W 7	18 19 19	3°26'29	21°40	7°46	0♊17	20°25	16°27	10°15	16°10	2°57	18°39	12°27	10°36	15°23	n.a.	W 7
T 8	18 23 16	4°24'07	3♋32	9°44	1°29	21° 3	16°29	10°22	16° 7	2°59	18°40	12°19	10°32	15°30	n.a.	T 8
F 9	18 27 13	5°21'48	15°24	11°40	2°40	21°41	16°32	10°29	16° 5	3° 1	18°42	12° 9	10°29	15°36	n.a.	F 9
S 10	18 31 9	6°19'29	27°15	13°35	3°51	22°20	16°35	10°37	16° 3	3° 3	18°44	11°59	10°26	15°43	n.a.	S 10
S 11	18 35 6	7°17'12	9♌ 7	15°29	5° 3	22°58	16°38	10°44	16° 1	3° 5	18°45	11°49	10°23	15°50	n.a.	S 11
M12	18 39 2	8°14'57	21° 4	17°22	6°15	23°36	16°41	10°51	15°59	3° 7	18°47	11°39	10°20	15°57	n.a.	M12
T 13	18 42 59	9°12'42	3♍ 7	19°13	7°26	24°15	16°45	10°59	15°57	3° 9	18°48	11°32	10°17	16° 3	n.a.	T 13
W14	18 46 55	10°10'29	15°19	21° 3	8°38	24°53	16°48	11° 6	15°54	3°11	18°50	11°26	10°13	16°10	n.a.	W14
T 15	18 50 52	11° 8'18	27°44	22°51	9°50	25°31	16°52	11°13	15°52	3°14	18°52	11°23	10°10	16°17	n.a.	T 15
F 16	18 54 48	12° 6'07	10♎26	24°38	11° 2	26° 9	16°56	11°20	15°50	3°16	18°53	11°D23	10° 7	16°23	n.a.	F 16
S 17	18 58 45	13° 3'58	23°29	26°23	12°14	26°48	17° 0	11°27	15°48	3°18	18°55	11°23	10° 4	16°30	n.a.	S 17
S 18	19 2 42	14° 1'51	6♏57	28° 8	13°26	27°26	17° 4	11°34	15°46	3°20	18°56	11°R23	10° 1	16°37	n.a.	S 18
M19	19 6 38	14°59'44	20°52	29°50	14°38	28° 4	17° 9	11°41	15°44	3°22	18°58	11°23	9°58	16°44	n.a.	M19
T 20	19 10 35	15°57'40	5♐15	1♌32	15°50	28°42	17°13	11°48	15°42	3°24	18°59	11°21	9°54	16°50	n.a.	T 20
W21	19 14 31	16°55'37	20° 4	3°12	17° 2	29°20	17°18	11°55	15°40	3°26	19° 1	11°17	9°51	16°57	n.a.	W21
T 22	19 18 28	17°53'35	5♑13	4°51	18°15	29°58	17°23	12° 2	15°38	3°28	19° 2	11°10	9°48	17° 4	n.a.	T 22
F 23	19 22 24	18°51'36	20°32	6°28	19°27	0♋37	17°28	12° 9	15°36	3°31	19° 4	11° 1	9°45	17°10	n.a.	F 23
S 24	19 26 21	19°49'38	5♒50	8° 5	20°39	1°15	17°33	12°16	15°35	3°33	19° 5	10°51	9°42	17°17	n.a.	S 24
S 25	19 30 17	20°47'41	20°56	9°40	21°52	1°53	17°39	12°22	15°33	3°35	19° 7	10°41	9°38	17°24	n.a.	S 25
M26	19 34 14	21°45'47	5♓41	11°13	23° 4	2°31	17°44	12°29	15°31	3°37	19° 8	10°33	9°35	17°31	n.a.	M26
T 27	19 38 11	22°43'55	19°59	12°46	24°17	3° 9	17°50	12°36	15°29	3°39	19°10	10°27	9°32	17°37	n.a.	T 27
W28	19 42 7	23°42'05	3♈47	14°17	25°30	3°47	17°56	12°42	15°27	3°42	19°11	10°23	9°29	17°44	n.a.	W28
T 29	19 46 4	24°40'17	17° 6	15°47	26°43	4°25	18° 2	12°49	15°26	3°44	19°12	10°22	9°26	17°51	n.a.	T 29
F 30	19 50 0	25°38'31	29°59	17°15	27°55	5° 3	18° 8	12°55	15°24	3°46	19°14	10°D22	9°23	17°57	n.a.	F 30
S 31	19 53 57	26♋36'48	12♉31	18♌42	29♊ 8	5♋41	18♎15	13♊ 2	15♐22	3♌48	19♊15	10°R22	9♉19	18♋ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n48	0n23	2s57	25n18	1n33	17n28	1s27	23n56	0n49	5s29	1n 6	21n27	0s47	23s22	0s15	20n41	0n51	25n52	2n34	15n51	15n20	27n35		n.a.	
F 2	23 49	6 22	1 56	25 25	1 37	17 48	1 24	24 0	0 49	5 30	1 5	21 28	0 47	23 22	0 15	20 40	0 51	25 53	2 34	15 52	15 19	27 35		n.a.	
S 3	23 49	11 58	0 51	25 30	1 41	18 8	1 22	24 5	0 49	5 31	1 5	21 29	0 47	23 22	0 15	20 40	0 51	25 53	2 35	15 52	15 18	27 34		n.a.	
S 4	23 49	17 0	0n16	25 32	1 44	18 27	1 19	24 8	0 50	5 32	1 5	21 31	0 47	23 21	0 15	20 39	0 51	25 53	2 35	15 52	15 17	27 34		n.a.	
M 5	23 49	21 16	1 20	25 32	1 46	18 46	1 16	24 12	0 50	5 33	1 4	21 32	0 47	23 21	0 15	20 39	0 51	25 53	2 35	15 52	15 16	27 33		n.a.	
T 6	23 48	24 35	2 21	25 29	1 47	19 5	1 14	24 16	0 51	5 34	1 4	21 33	0 47	23 21	0 15	20 38	0 51	25 54	2 35	15 51	15 15	27 33		n.a.	
W 7	23 46	26 47	3 14	25 23	1 48	19 23	1 11	24 19	0 51	5 35	1 4	21 34	0 47	23 21	0 15	20 38	0 51	25 54	2 35	15 49	15 14	27 32		n.a.	
T 8	23 45	27 45	3 58	25 16	1 49	19 40	1 8	24 22	0 52	5 36	1 4	21 35	0 47	23 20	0 15	20 38	0 51	25 54	2 35	15 47	15 13	27 32		n.a.	
F 9	23 43	27 26	4 33	25 6	1 48	19 57	1 5	24 25	0 52	5 38	1 3	21 36	0 47	23 20	0 15	20 37	0 51	25 54	2 35	15 44	15 12	27 32		n.a.	
S 10	23 40	25 51	4 55	24 53	1 47	20 14	1 3	24 28	0 53	5 39	1 3	21 38	0 47	23 20	0 15	20 37	0 51	25 55	2 35	15 40	15 11	27 31		n.a.	
S 11	23 37	23 8	5 4	24 39	1 46	20 30	1 0	24 31	0 53	5 41	1 3	21 39	0 47	23 20	0 15	20 36	0 51	25 55	2 35	15 37	15 10	27 31		n.a.	
M12	23 33	19 26	5 1	24 23	1 44	20 46	0 57	24 33	0 53	5 42	1 2	21 40	0 46	23 19	0 15	20 36	0 51	25 55	2 35	15 34	15 9	27 30		n.a.	
T 13	23 30	14 55	4 44	24 5	1 41	21 1	0 54	24 35	0 54	5 44	1 2	21 41	0 46	23 19	0 15	20 35	0 51	25 55	2 35	15 32	15 8	27 30		n.a.	
W14	23 25	9 46	4 13	23 45	1 38	21 15	0 51	24 37	0 54	5 45	1 2	21 42	0 46	23 19	0 15	20 35	0 51	25 55	2 35	15 30	15 7	27 29		n.a.	
T 15	23 21	4 8	3 31	23 24	1 35	21 29	0 48	24 39	0 55	5 47	1 2	21 43	0 46	23 19	0 15	20 34	0 51	25 56	2 36	15 29	15 6	27 29		n.a.	
F 16	23 16	1s47	2 37	23 2	1 31	21 42	0 45	24 41	0 55	5 49	1 1	21 44	0 46	23 19	0 15	20 34	0 51	25 56	2 36	15 29	15 5	27 28		n.a.	
S 17	23 10	7 48	1 34	22 37	1 27	21 55	0 42	24 42	0 56	5 51	1 1	21 45	0 46	23 18	0 15	20 33	0 51	25 56	2 36	15 29	15 4	27 28		n.a.	
S 18	23 4	13 40	0 24	22 12	1 22	22 7	0 40	24 44	0 56	5 53	1 1	21 46	0 46	23 18	0 15	20 33	0 51	25 56	2 36	15 29	15 3	27 27		n.a.	
M19	22 58	19 4	0s50	21 46	1 17	22 19	0 37	24 45	0 56	5 55	1 0	21 47	0 46	23 18	0 15	20 32	0 51	25 57	2 36	15 29	15 2	27 27		n.a.	
T 20	22 51	23 32	2 3	21 18	1 12	22 30	0 34	24 46	0 57	5 57	1 0	21 48	0 46	23 18	0 15	20 32	0 51	25 57	2 36	15 29	15 1	27 26		n.a.	
W21	22 44	26 36	3 10	20 49	1 6	22 40	0 31	24 46	0 57	5 59	1 0	21 49	0 46	23 17	0 15	20 31	0 51	25 57	2 36	15 27	15 0	27 26		n.a.	
T 22	22 36	27 48	4 5	20 20	1 0	22 50	0 28	24 47	0 58	6 1	1 0	21 50	0 46	23 17	0 15	20 31	0 51	25 57	2 36	15 25	14 59	27 25		n.a.	
F 23	22 28	26 53	4 43	19 49	0 54	22 59	0 25	24 47	0 58	6 3	0 59	21 51	0 46	23 17	0 15	20 30	0 51	25 57	2 36	15 22	14 58	27 25		n.a.	
S 24	22 20	23 58	5 1	19 18	0 47	23 7	0 22	24 47	0 58	6 5	0 59	21 52	0 46	23 17	0 15	20 30	0 51	25 58	2 36	15 19	14 57	27 24		n.a.	
S 25	22 11	19 26	4 57	18 46	0 41	23 15	0 19	24 47	0 59	6 8	0 59	21 53	0 46	23 17	0 15	20 29	0 51	25 58	2 37	15 16	14 56	27 23		n.a.	
M26	22 2	13 48	4 34	18 13	0 34	23 22	0 16	24 47	0 59	6 10	0 58	21 54	0 46	23 16	0 15	20 29	0 51	25 58	2 37	15 13	14 55	27 23		n.a.	
T 27	21 52	7 36	3 54	17 40	0 27	23 29	0 13	24 46	1 0	6 13	0 58	21 55	0 46	23 16	0 15	20 28	0 51	25 58	2 37	15 11	14 54	27 22		n.a.	
W28	21 42	1 14	3 1	17 7	0 19	23 34	0 10	24 46	1 0	6 15	0 58	21 55	0 46	23 16	0 15	20 28	0 51	25 59	2 37	15 10	14 53	27 22		n.a.	
T 29	21 32	4n58	2 0	16 33	0 12	23 39	0 7	24 45	1 0	6 18	0 58	21 56	0 46	23 16	0 15	20 27	0 51	25 59	2 37	15 10	14 52	27 21		n.a.	
F 30	21 21	10 47	0 55	15 58	0 4	23 44	0 4	24 44	1 1	6 20	0 57	21 57	0 46	23 16	0 15	20 26	0 51	25 59	2 37	15 10	14 51	27 20		n.a.	
S 31	21n10	16n 1	0n11	15n24	0s 4	23n47	0s 2	24n43	1n 1	6s23	0n57	21n58	0s46	23s16	0s15	20n26	0n51	25n59	2n37	15n10	14n50	27n20		n.a.	

Julian Day Number = 1345031.5, Delta T = 07h12m21s
Ecliptic obliquity = 23°49'11, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'06, Lahiri = -18°11'06 Julian Calendar 1 July 1031 BCE == Greg. Calendar 21 June 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

AUGUST 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 53	27♋35'06	24♉46	20♌ 8	0♋21	6♋19	18♎21	13♊ 8	15°R21	3♌50	19♊17	10°R21	9♉16	18♋11	n.a.	S 1
M 2	20 1 50	28°33'27	6♊49	21°33	1°34	6°57	18°28	13°14	15♐19	3°53	19°18	10♉19	9°13	18°18	n.a.	M 2
T 3	20 5 46	29°31'51	18°45	22°56	2°47	7°35	18°34	13°20	15°18	3°55	19°19	10°13	9°10	18°24	n.a.	T 3
W 4	20 9 43	0♌30'16	0♋36	24°18	4° 1	8°13	18°41	13°27	15°16	3°57	19°21	10° 5	9° 7	18°31	n.a.	W 4
T 5	20 13 40	1°28'44	12°27	25°39	5°14	8°51	18°48	13°33	15°15	3°59	19°22	9°54	9° 4	18°38	n.a.	T 5
F 6	20 17 36	2°27'13	24°18	26°58	6°27	9°29	18°56	13°39	15°14	4° 2	19°23	9°41	9° 0	18°44	n.a.	F 6
S 7	20 21 33	3°25'45	6♌12	28°15	7°41	10° 7	19° 3	13°45	15°12	4° 4	19°25	9°27	8°57	18°51	n.a.	S 7
S 8	20 25 29	4°24'18	18°10	29°31	8°54	10°45	19°10	13°51	15°11	4° 6	19°26	9°13	8°54	18°58	n.a.	S 8
M 9	20 29 26	5°22'54	0♍14	0♍45	10° 7	11°23	19°18	13°57	15°10	4° 8	19°27	9° 0	8°51	19° 5	n.a.	M 9
T 10	20 33 22	6°21'32	12°24	1°58	11°21	12° 1	19°26	14° 2	15° 8	4°10	19°28	8°49	8°48	19°11	n.a.	T 10
W11	20 37 19	7°20'11	24°42	3° 9	12°35	12°38	19°34	14° 8	15° 7	4°13	19°30	8°41	8°44	19°18	n.a.	W11
T 12	20 41 15	8°18'52	7♎11	4°18	13°48	13°16	19°42	14°14	15° 6	4°15	19°31	8°36	8°41	19°25	n.a.	T 12
F 13	20 45 12	9°17'35	19°55	5°24	15° 2	13°54	19°50	14°19	15° 5	4°17	19°32	8°33	8°38	19°31	n.a.	F 13
S 14	20 49 8	10°16'20	2♏56	6°29	16°16	14°32	19°58	14°25	15° 4	4°19	19°33	8°33	8°35	19°38	n.a.	S 14
S 15	20 53 5	11°15'07	16°17	7°32	17°29	15°10	20° 7	14°30	15° 3	4°22	19°34	8°32	8°32	19°45	n.a.	S 15
M16	20 57 2	12°13'56	0♐ 2	8°32	18°43	15°48	20°15	14°36	15° 2	4°24	19°35	8°32	8°29	19°52	n.a.	M16
T 17	21 0 58	13°12'47	14°13	9°29	19°57	16°25	20°24	14°41	15° 1	4°26	19°36	8°29	8°25	19°58	n.a.	T 17
W18	21 4 55	14°11'39	28°48	10°23	21°11	17° 3	20°32	14°46	15° 0	4°28	19°37	8°24	8°22	20° 5	n.a.	W18
T 19	21 8 51	15°10'34	13♑44	11°15	22°25	17°41	20°41	14°51	14°59	4°30	19°39	8°17	8°19	20°12	n.a.	T 19
F 20	21 12 48	16° 9'30	28°53	12° 3	23°39	18°19	20°50	14°56	14°59	4°33	19°40	8° 7	8°16	20°18	n.a.	F 20
S 21	21 16 44	17° 8'29	14♒ 6	12°48	24°53	18°57	20°59	15° 1	14°58	4°35	19°41	7°56	8°13	20°25	n.a.	S 21
S 22	21 20 41	18° 7'30	29°11	13°28	26° 7	19°34	21° 9	15° 6	14°57	4°37	19°42	7°45	8°10	20°32	n.a.	S 22
M23	21 24 37	19° 6'32	13♓59	14° 5	27°22	20°12	21°18	15°11	14°57	4°39	19°43	7°35	8° 6	20°39	n.a.	M23
T 24	21 28 34	20° 5'37	28°23	14°37	28°36	20°50	21°28	15°16	14°56	4°41	19°43	7°28	8° 3	20°45	n.a.	T 24
W25	21 32 31	21° 4'45	12♈17	15° 4	29°50	21°27	21°37	15°21	14°55	4°44	19°44	7°24	8° 0	20°52	n.a.	W25
T 26	21 36 27	22° 3'54	25°42	15°26	1♌ 4	22° 5	21°47	15°25	14°55	4°46	19°45	7°21	7°57	20°59	n.a.	T 26
F 27	21 40 24	23° 3'07	8♉40	15°42	2°19	22°43	21°57	15°30	14°54	4°48	19°46	7°D21	7°54	21° 5	n.a.	F 27
S 28	21 44 20	24° 2'22	21°14	15°51	3°33	23°21	22° 6	15°34	14°54	4°50	19°47	7°R21	7°50	21°12	n.a.	S 28
S 29	21 48 17	25° 1'39	3♊30	15°R55	4°48	23°58	22°16	15°38	14°54	4°52	19°48	7°21	7°47	21°19	n.a.	S 29
M30	21 52 13	26° 0'59	15°33	15°51	6° 2	24°36	22°27	15°43	14°53	4°54	19°49	7°19	7°44	21°26	n.a.	M30
T 31	21 56 10	27♌ 0'21	27♊27	15♍39	7♌17	25♋14	22♎37	15♊47	14♐53	4♌56	19♊50	7♉15	7♉41	21♋32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20n58	20n29	1n16	14n49	0s12	23n50	0n 1	24n42	1n 2	6s26	0n57	21n59	0s46	23s15	0s15	20n25	0n51	25n59	2n37	15n10	14n49	27n19			n.a.
M 2	20 47	24 1	2 15	14 14	0 20	23 53	0 4	24 40	1 2	6 29	0 57	22 0	0 46	23 15	0 15	20 25	0 51	26 0	2 37	15 9	14 48	27 18			n.a.
T 3	20 34	26 27	3 8	13 39	0 28	23 54	0 7	24 38	1 2	6 31	0 56	22 1	0 46	23 15	0 15	20 24	0 51	26 0	2 38	15 7	14 47	27 18			n.a.
W 4	20 22	27 41	3 52	13 3	0 36	23 55	0 10	24 36	1 3	6 34	0 56	22 1	0 46	23 15	0 15	20 24	0 51	26 0	2 38	15 4	14 46	27 17			n.a.
T 5	20 9	27 39	4 26	12 28	0 45	23 55	0 12	24 34	1 3	6 37	0 56	22 2	0 46	23 15	0 15	20 23	0 51	26 0	2 38	15 1	14 45	27 17			n.a.
F 6	19 55	26 20	4 49	11 53	0 53	23 55	0 15	24 32	1 4	6 40	0 56	22 3	0 45	23 15	0 15	20 23	0 51	26 1	2 38	14 57	14 44	27 16			n.a.
S 7	19 42	23 50	4 59	11 18	1 2	23 53	0 18	24 29	1 4	6 43	0 55	22 4	0 45	23 14	0 15	20 22	0 51	26 1	2 38	14 52	14 43	27 15			n.a.
S 8	19 28	20 18	4 56	10 43	1 10	23 51	0 21	24 27	1 4	6 46	0 55	22 4	0 45	23 14	0 15	20 22	0 51	26 1	2 38	14 48	14 41	27 14			n.a.
M 9	19 13	15 55	4 39	10 9	1 19	23 49	0 23	24 24	1 5	6 50	0 55	22 5	0 45	23 14	0 15	20 21	0 51	26 1	2 38	14 43	14 40	27 14			n.a.
T 10	18 59	10 52	4 10	9 35	1 28	23 45	0 26	24 21	1 5	6 53	0 55	22 6	0 45	23 14	0 15	20 21	0 51	26 1	2 38	14 40	14 39	27 13			n.a.
W11	18 44	5 20	3 29	9 1	1 36	23 41	0 28	24 18	1 6	6 56	0 54	22 7	0 45	23 14	0 15	20 20	0 51	26 2	2 38	14 37	14 38	27 12			n.a.
T 12	18 28	0s30	2 37	8 28	1 45	23 36	0 31	24 14	1 6	6 59	0 54	22 7	0 45	23 14	0 15	20 20	0 51	26 2	2 39	14 36	14 37	27 12			n.a.
F 13	18 13	6 25	1 37	7 55	1 53	23 31	0 33	24 11	1 6	7 3	0 54	22 8	0 45	23 14	0 15	20 19	0 51	26 2	2 39	14 35	14 36	27 11			n.a.
S 14	17 57	12 13	0 30	7 23	2 2	23 24	0 36	24 7	1 7	7 6	0 54	22 9	0 45	23 13	0 15	20 19	0 51	26 2	2 39	14 34	14 35	27 10			n.a.
S 15	17 41	17 37	0s41	6 52	2 10	23 17	0 38	24 3	1 7	7 9	0 54	22 9	0 45	23 13	0 15	20 18	0 51	26 3	2 39	14 34	14 34	27 9			n.a.
M16	17 24	22 17	1 51	6 22	2 19	23 9	0 41	23 59	1 7	7 13	0 53	22 10	0 45	23 13	0 15	20 18	0 51	26 3	2 39	14 34	14 33	27 9			n.a.
T 17	17 7	25 47	2 56	5 53	2 27	23 1	0 43	23 55	1 8	7 16	0 53	22 11	0 45	23 13	0 15	20 17	0 51	26 3	2 39	14 33	14 32	27 8			n.a.
W18	16 50	27 41	3 52	5 25	2 35	22 52	0 45	23 50	1 8	7 20	0 53	22 11	0 45	23 13	0 15	20 17	0 51	26 3	2 39	14 32	14 31	27 7			n.a.
T 19	16 32	27 38	4 34	4 58	2 42	22 42	0 47	23 46	1 9	7 24	0 53	22 12	0 45	23 13	0 15	20 16	0 51	26 3	2 39	14 29	14 30	27 6			n.a.
F 20	16 15	25 32	4 56	4 32	2 50	22 31	0 50	23 41	1 9	7 27	0 52	22 12	0 45	23 13	0 15	20 15	0 51	26 4	2 40	14 26	14 29	27 6			n.a.
S 21	15 57	21 37	4 59	4 8	2 57	22 20	0 52	23 36	1 9	7 31	0 52	22 13	0 45	23 13	0 15	20 15	0 51	26 4	2 40	14 22	14 28	27 5			n.a.
S 22	15 38	16 18	4 40	3 46	3 4	22 8	0 54	23 31	1 10	7 35	0 52	22 14	0 45	23 13	0 15	20 14	0 51	26 4	2 40	14 19	14 27	27 4			n.a.
M23	15 20	10 7	4 2	3 26	3 10	21 56	0 56	23 26	1 10	7 38	0 52	22 14	0 45	23 13	0 15	20 14	0 51	26 4	2 40	14 16	14 26	27 3			n.a.
T 24	15 1	3 34	3 10	3 8	3 16	21 43	0 58	23 20	1 10	7 42	0 52	22 15	0 45	23 13	0 15	20 13	0 51	26 4	2 40	14 13	14 25	27 2			n.a.
W25	14 42	2n58	2 9	2 53	3 22	21 29	1 0	23 15	1 11	7 46	0 51	22 15	0 45	23 12	0 15	20 13	0 51	26 5	2 40	14 12	14 24	27 2			n.a.
T 26	14 23	9 8	1 1	2 40	3 26	21 14	1 2	23 9	1 11	7 50	0 51	22 16	0 45	23 12	0 15	20 12	0 51	26 5	2 40	14 11	14 23	27 1			n.a.
F 27	14 3	14 44	0n 7	2 30	3 31	20 59	1 3	23 3	1 11	7 54	0 51	22 16	0 45	23 12	0 15	20 12	0 51	26 5	2 40	14 11	14 22	27 0			n.a.
S 28	13 43	19 32	1 13	2 23	3 34	20 43	1 5	22 57	1 12	7 58	0 51	22 17	0 45	23 12	0 15	20 11	0 51	26 5	2 41	14 11	14 21	26 59			n.a.
S 29	13 23	23 23	2 14	2 20	3 36	20 27	1 7	22 50	1 12	8 2	0 50	22 17	0 45	23 12	0 15	20 11	0 51	26 5	2 41	14 11	14 20	26 58			n.a.
M30	13 3	26 8	3 8	2 21	3 37	20 10	1 8	22 44	1 13	8 6	0 50	22 18	0 45	23 12	0 15	20 10	0 51	26 6	2 41	14 10	14 19	26 57			n.a.
T 31	12n42	27n40	3n53	2n25	3s37	19n52	1n10	22n37	1n13	8s10	0n50	22n18	0s45	23s12	0s15	20n10	0n51	26n 6	2n41	14n 9	14n18	26n57			n.a.

Julian Day Number = 1345062.5, Delta T = 07h12m20s
Ecliptic obliquity = 23°49'11, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°18'02, Lahiri = -18°11'02 Julian Calendar 1 Aug. 1031 BCE == Greg. Calendar 22 July 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

SEPTEMBER 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 0 6	27♌59'46	9♋17	15°R20	8♌32	25♋51	22♎47	15♊51	14°R53	4♌58	19♊50	7°R 8	7♉38	21♋39	n.a.	W 1
T 2	22 4 3	28°59'13	21° 8	14♍52	9°46	26°29	22°57	15°55	14♐53	5° 1	19°51	6♉59	7°35	21°46	n.a.	T 2
F 3	22 7 59	29°58'42	3♌ 2	14°17	11° 1	27° 7	23° 8	15°59	14°53	5° 3	19°52	6°47	7°31	21°53	n.a.	F 3
S 4	22 11 56	0♍58'14	15° 1	13°33	12°16	27°44	23°19	16° 3	14°D53	5° 5	19°53	6°35	7°28	21°59	n.a.	S 4
S 5	22 15 53	1°57'47	27° 8	12°42	13°30	28°22	23°29	16° 6	14°53	5° 7	19°53	6°22	7°25	22° 6	n.a.	S 5
M 6	22 19 49	2°57'23	9♍22	11°44	14°45	28°59	23°40	16°10	14°53	5° 9	19°54	6°11	7°22	22°13	n.a.	M 6
T 7	22 23 46	3°57'01	21°45	10°40	16° 0	29°37	23°51	16°13	14°53	5°11	19°54	6° 1	7°19	22°19	n.a.	T 7
W 8	22 27 42	4°56'42	4♎17	9°30	17°15	0♌15	24° 2	16°17	14°53	5°13	19°55	5°54	7°16	22°26	n.a.	W 8
T 9	22 31 39	5°56'24	17° 0	8°18	18°30	0°52	24°13	16°20	14°53	5°15	19°56	5°50	7°12	22°33	n.a.	T 9
F 10	22 35 35	6°56'08	29°55	7° 4	19°45	1°30	24°24	16°23	14°54	5°17	19°56	5°D48	7° 9	22°40	n.a.	F 10
S 11	22 39 32	7°55'54	13♏ 3	5°52	21° 0	2° 7	24°35	16°26	14°54	5°19	19°57	5°48	7° 6	22°46	n.a.	S 11
S 12	22 43 28	8°55'42	26°27	4°42	22°15	2°45	24°47	16°29	14°54	5°21	19°57	5°49	7° 3	22°53	n.a.	S 12
M13	22 47 25	9°55'32	10♐ 8	3°37	23°30	3°22	24°58	16°32	14°55	5°22	19°58	5°R49	7° 0	23° 0	n.a.	M13
T 14	22 51 22	10°55'23	24° 8	2°39	24°45	4° 0	25° 9	16°35	14°55	5°24	19°58	5°49	6°56	23° 6	n.a.	T 14
W15	22 55 18	11°55'17	8♑27	1°50	26° 0	4°37	25°21	16°38	14°56	5°26	19°59	5°46	6°53	23°13	n.a.	W15
T 16	22 59 15	12°55'12	23° 2	1°10	27°15	5°15	25°33	16°40	14°56	5°28	19°59	5°41	6°50	23°20	n.a.	T 16
F 17	23 3 11	13°55'09	7♒48	0°42	28°30	5°52	25°44	16°43	14°57	5°30	19°59	5°34	6°47	23°27	n.a.	F 17
S 18	23 7 8	14°55'08	22°39	0°24	29°46	6°29	25°56	16°45	14°58	5°32	20° 0	5°26	6°44	23°33	n.a.	S 18
S 19	23 11 4	15°55'09	7♓27	0°D18	1♍ 1	7° 7	26° 8	16°48	14°58	5°34	20° 0	5°18	6°41	23°40	n.a.	S 19
M20	23 15 1	16°55'11	22° 3	0°24	2°16	7°44	26°20	16°50	14°59	5°35	20° 0	5°11	6°37	23°47	n.a.	M20
T 21	23 18 57	17°55'16	6♈19	0°40	3°31	8°22	26°32	16°52	15° 0	5°37	20° 1	5° 5	6°34	23°53	n.a.	T 21
W22	23 22 54	18°55'23	20°12	1° 6	4°47	8°59	26°44	16°54	15° 1	5°39	20° 1	5° 2	6°31	24° 0	n.a.	W22
T 23	23 26 50	19°55'32	3♉39	1°42	6° 2	9°36	26°56	16°56	15° 2	5°41	20° 1	5°D 1	6°28	24° 7	n.a.	T 23
F 24	23 30 47	20°55'43	16°41	2°27	7°17	10°14	27° 8	16°57	15° 3	5°42	20° 1	5° 2	6°25	24°14	n.a.	F 24
S 25	23 34 44	21°55'56	29°20	3°19	8°33	10°51	27°20	16°59	15° 4	5°44	20° 2	5° 3	6°21	24°20	n.a.	S 25
S 26	23 38 40	22°56'12	11♊39	4°18	9°48	11°29	27°33	17° 0	15° 5	5°46	20° 2	5° 5	6°18	24°27	n.a.	S 26
M27	23 42 37	23°56'30	23°44	5°22	11° 3	12° 6	27°45	17° 2	15° 6	5°47	20° 2	5°R 5	6°15	24°34	n.a.	M27
T 28	23 46 33	24°56'50	5♋41	6°33	12°19	12°43	27°58	17° 3	15° 7	5°49	20° 2	5° 4	6°12	24°41	n.a.	T 28
W29	23 50 30	25°57'12	17°32	7°47	13°34	13°21	28°10	17° 4	15° 9	5°51	20° 2	5° 2	6° 9	24°47	n.a.	W29
T 30	23 54 26	26♍57'36	29♋24	9♍ 6	14♍50	13♌58	28♎23	17♊ 5	15♐10	5♌52	20♊ 2	4♉58	6♉ 6	24♋54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n22	27n56	4n27	2n34	3s35	19n34	1n12	22n31	1n13	8s14	0n50	22n19	0s45	23s12	0s15	20n 9	0n51	26n 6	2n41	14n 7	14n17	26n56		n.a.
T 2	12 1	26 55	4 51	2 48	3 32	19 15	1 13	22 24	1 14	8 18	0 50	22 19	0 45	23 12	0 15	20 9	0 51	26 6	2 41	14 4	14 15	26 55		n.a.
F 3	11 39	24 40	5 1	3 6	3 28	18 56	1 14	22 17	1 14	8 22	0 49	22 20	0 45	23 12	0 15	20 8	0 51	26 6	2 41	14 0	14 14	26 54		n.a.
S 4	11 18	21 20	4 59	3 29	3 21	18 36	1 16	22 9	1 14	8 26	0 49	22 20	0 45	23 12	0 15	20 8	0 52	26 7	2 41	13 56	14 13	26 53		n.a.
S 5	10 57	17 4	4 43	3 56	3 13	18 16	1 17	22 2	1 15	8 30	0 49	22 20	0 45	23 12	0 15	20 7	0 52	26 7	2 42	13 51	14 12	26 52		n.a.
M 6	10 35	12 5	4 13	4 28	3 2	17 55	1 18	21 55	1 15	8 34	0 49	22 21	0 45	23 12	0 15	20 7	0 52	26 7	2 42	13 48	14 11	26 51		n.a.
T 7	10 13	6 34	3 32	5 4	2 50	17 33	1 19	21 47	1 15	8 39	0 49	22 21	0 45	23 12	0 15	20 6	0 52	26 7	2 42	13 44	14 10	26 50		n.a.
W 8	9 51	0 42	2 40	5 44	2 35	17 11	1 20	21 39	1 16	8 43	0 49	22 22	0 45	23 12	0 15	20 6	0 52	26 7	2 42	13 42	14 9	26 49		n.a.
T 9	9 29	5s16	1 39	6 26	2 19	16 49	1 21	21 31	1 16	8 47	0 48	22 22	0 45	23 12	0 15	20 6	0 52	26 8	2 42	13 41	14 8	26 48		n.a.
F 10	9 6	11 8	0 31	7 10	2 2	16 26	1 22	21 23	1 16	8 52	0 48	22 22	0 45	23 12	0 15	20 5	0 52	26 8	2 42	13 40	14 7	26 47		n.a.
S 11	8 44	16 37	0s39	7 55	1 43	16 2	1 23	21 15	1 17	8 56	0 48	22 23	0 45	23 12	0 15	20 5	0 52	26 8	2 42	13 40	14 6	26 47		n.a.
S 12	8 21	21 25	1 48	8 40	1 23	15 38	1 24	21 6	1 17	9 0	0 48	22 23	0 45	23 12	0 15	20 4	0 52	26 8	2 43	13 40	14 5	26 46		n.a.
M13	7 58	25 11	2 53	9 22	1 2	15 14	1 25	20 58	1 17	9 5	0 48	22 23	0 45	23 12	0 15	20 4	0 52	26 8	2 43	13 40	14 4	26 45		n.a.
T 14	7 35	27 30	3 49	10 3	0 42	14 49	1 25	20 49	1 18	9 9	0 47	22 23	0 45	23 12	0 15	20 3	0 52	26 8	2 43	13 40	14 3	26 44		n.a.
W15	7 12	28 4	4 32	10 39	0 22	14 24	1 26	20 40	1 18	9 14	0 47	22 24	0 45	23 12	0 15	20 3	0 52	26 9	2 43	13 39	14 2	26 43		n.a.
T 16	6 49	26 43	4 59	11 12	0 2	13 58	1 27	20 32	1 18	9 18	0 47	22 24	0 45	23 12	0 15	20 2	0 52	26 9	2 43	13 37	14 1	26 42		n.a.
F 17	6 25	23 31	5 6	11 39	0n16	13 32	1 27	20 23	1 19	9 22	0 47	22 24	0 45	23 13	0 15	20 2	0 52	26 9	2 43	13 35	14 0	26 41		n.a.
S 18	6 2	18 47	4 53	12 2	0 34	13 6	1 27	20 13	1 19	9 27	0 47	22 25	0 45	23 13	0 15	20 2	0 52	26 9	2 43	13 32	13 59	26 40		n.a.
S 19	5 38	12 55	4 20	12 19	0 50	12 39	1 28	20 4	1 19	9 31	0 47	22 25	0 45	23 13	0 15	20 1	0 52	26 9	2 44	13 30	13 58	26 39		n.a.
M20	5 15	6 25	3 30	12 30	1 4	12 12	1 28	19 55	1 20	9 36	0 46	22 25	0 45	23 13	0 15	20 1	0 52	26 9	2 44	13 27	13 56	26 38		n.a.
T 21	4 51	0n17	2 28	12 36	1 17	11 44	1 28	19 45	1 20	9 41	0 46	22 25	0 45	23 13	0 15	20 0	0 52	26 10	2 44	13 25	13 55	26 37		n.a.
W22	4 27	6 48	1 19	12 37	1 28	11 17	1 28	19 35	1 20	9 45	0 46	22 25	0 45	23 13	0 15	20 0	0 52	26 10	2 44	13 24	13 54	26 36		n.a.
T 23	4 3	12 49	0 7	12 33	1 38	10 48	1 28	19 25	1 21	9 50	0 46	22 26	0 45	23 13	0 15	19 59	0 52	26 10	2 44	13 24	13 53	26 34		n.a.
F 24	3 39	18 5	1n 3	12 25	1 46	10 20	1 28	19 16	1 21	9 54	0 46	22 26	0 45	23 13	0 15	19 59	0 52	26 10	2 44	13 24	13 52	26 33		n.a.
S 25	3 15	22 24	2 8	12 12	1 53	9 51	1 28	19 5	1 21	9 59	0 46	22 26	0 45	23 13	0 15	19 59	0 52	26 10	2 44	13 25	13 51	26 32		n.a.
S 26	2 51	25 36	3 5	11 55	1 58	9 22	1 28	18 55	1 22	10 4	0 45	22 26	0 44	23 13	0 15	19 58	0 52	26 10	2 45	13 25	13 50	26 31		n.a.
M27	2 27	27 33	3 53	11 35	2 3	8 53	1 28	18 45	1 22	10 8	0 45	22 26	0 44	23 14	0 15	19 58	0 52	26 11	2 45	13 25	13 49	26 30		n.a.
T 28	2 2	28 12	4 30	11 11	2 6	8 24	1 28	18 35	1 22	10 13	0 45	22 26	0 44	23 14	0 15	19 58	0 52	26 11	2 45	13 25	13 48	26 29		n.a.
W29	1 38	27 32	4 56	10 45	2 8	7 54	1 27	18 24	1 23	10 17	0 45	22 27	0 44	23 14	0 15	19 57	0 52	26 11	2 45	13 24	13 47	26 28		n.a.
T 30	1n14	25n37	5n 9	10n16	2n 9	7n24	1n27	18n13	1n23	10s22	0n45	22n27	0s44	23s14	0s15	19n57	0n52	26n11	2n45	13n23	13n46	26n27		n.a.

Julian Day Number = 1345093.5, Delta T = 07h12m18s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'58, Lahiri = -18°10'58 Julian Calendar 1 Sept. 1031 BCE == Greg. Calendar 22 Aug. 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

OCTOBER 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 58 23	27♍58'02	11♌21	10♍28	16♍ 5	14♌35	28♎35	17♊ 6	15♐11	5♌54	20°R 2	4°R52	6♉ 2	25♋ 1	n.a.	F 1
S 2	0 2 19	28°58'30	23°25	11°52	17°21	15°12	28°48	17° 7	15°13	5°55	20♊ 2	4♉46	5°59	25° 7	n.a.	S 2
S 3	0 6 16	29°59'00	5♍39	13°19	18°36	15°50	29° 1	17° 8	15°14	5°57	20° 2	4°39	5°56	25°14	n.a.	S 3
M 4	0 10 13	0♎59'32	18° 5	14°48	19°52	16°27	29°13	17° 9	15°15	5°58	20° 2	4°33	5°53	25°21	n.a.	M 4
T 5	0 14 9	2° 0'06	0♎44	16°18	21° 7	17° 4	29°26	17° 9	15°17	6° 0	20° 2	4°28	5°50	25°28	n.a.	T 5
W 6	0 18 6	3° 0'41	13°36	17°49	22°23	17°41	29°39	17°10	15°19	6° 1	20° 2	4°24	5°47	25°34	n.a.	W 6
T 7	0 22 2	4° 1'18	26°40	19°22	23°38	18°18	29°52	17°10	15°20	6° 2	20° 2	4°23	5°43	25°41	n.a.	T 7
F 8	0 25 59	5° 1'57	9♏56	20°56	24°54	18°56	0♏ 5	17°10	15°22	6° 4	20° 1	4°D23	5°40	25°48	n.a.	F 8
S 9	0 29 55	6° 2'37	23°24	22°30	26° 9	19°33	0°18	17°R10	15°24	6° 5	20° 1	4°24	5°37	25°54	n.a.	S 9
S 10	0 33 52	7° 3'19	7♐ 3	24° 4	27°25	20°10	0°31	17°10	15°25	6° 6	20° 1	4°25	5°34	26° 1	n.a.	S 10
M11	0 37 48	8° 4'02	20°53	25°39	28°41	20°47	0°44	17°10	15°27	6° 8	20° 1	4°27	5°31	26° 8	n.a.	M11
T 12	0 41 45	9° 4'46	4♑53	27°14	29°56	21°24	0°57	17° 9	15°29	6° 9	20° 0	4°R27	5°27	26°15	n.a.	T 12
W13	0 45 42	10° 5'32	19° 3	28°49	1♎12	22° 1	1°11	17° 9	15°31	6°10	20° 0	4°27	5°24	26°21	n.a.	W13
T 14	0 49 38	11° 6'18	3♒20	0♎25	2°27	22°38	1°24	17° 9	15°33	6°11	20° 0	4°26	5°21	26°28	n.a.	T 14
F 15	0 53 35	12° 7'06	17°41	2° 0	3°43	23°15	1°37	17° 8	15°35	6°12	19°59	4°24	5°18	26°35	n.a.	F 15
S 16	0 57 31	13° 7'55	2♓ 4	3°36	4°59	23°52	1°50	17° 7	15°37	6°13	19°59	4°21	5°15	26°42	n.a.	S 16
S 17	1 1 28	14° 8'45	16°22	5°11	6°14	24°29	2° 4	17° 6	15°39	6°15	19°59	4°18	5°12	26°48	n.a.	S 17
M18	1 5 24	15° 9'36	0♈32	6°47	7°30	25° 6	2°17	17° 5	15°41	6°16	19°58	4°15	5° 8	26°55	n.a.	M18
T 19	1 9 21	16°10'28	14°28	8°22	8°46	25°43	2°30	17° 4	15°43	6°17	19°58	4°13	5° 5	27° 2	n.a.	T 19
W20	1 13 17	17°11'22	28° 7	9°57	10° 1	26°20	2°44	17° 3	15°45	6°18	19°57	4°D12	5° 2	27° 8	n.a.	W20
T 21	1 17 14	18°12'17	11♉25	11°32	11°17	26°57	2°57	17° 2	15°48	6°19	19°57	4°12	4°59	27°15	n.a.	T 21
F 22	1 21 11	19°13'14	24°24	13° 7	12°32	27°34	3°11	17° 0	15°50	6°20	19°56	4°13	4°56	27°22	n.a.	F 22
S 23	1 25 7	20°14'12	7♊ 3	14°42	13°48	28°11	3°24	16°59	15°52	6°20	19°56	4°14	4°53	27°29	n.a.	S 23
S 24	1 29 4	21°15'11	19°25	16°17	15° 4	28°47	3°38	16°57	15°55	6°21	19°55	4°16	4°49	27°35	n.a.	S 24
M25	1 33 0	22°16'12	1♋33	17°51	16°19	29°24	3°51	16°55	15°57	6°22	19°55	4°17	4°46	27°42	n.a.	M25
T 26	1 36 57	23°17'14	13°31	19°26	17°35	0♍ 1	4° 5	16°54	15°59	6°23	19°54	4°17	4°43	27°49	n.a.	T 26
W27	1 40 53	24°18'18	25°24	21° 1	18°51	0°38	4°18	16°52	16° 2	6°24	19°53	4°R18	4°40	27°55	n.a.	W27
T 28	1 44 50	25°19'22	7♌17	22°35	20° 6	1°15	4°32	16°50	16° 4	6°25	19°53	4°17	4°37	28° 2	n.a.	T 28
F 29	1 48 46	26°20'28	19°14	24°10	21°22	1°51	4°46	16°47	16° 7	6°25	19°52	4°17	4°33	28° 9	n.a.	F 29
S 30	1 52 43	27°21'35	1♍20	25°44	22°38	2°28	4°59	16°45	16°10	6°26	19°51	4°16	4°30	28°16	n.a.	S 30
S 31	1 56 40	28♎22'44	13♍38	27♎18	23♎53	3♍ 5	5♏13	16♊43	16♐12	6♌27	19♊51	4♉15	4♉27	28♋22	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n49	22n34	5n 8	9n45	2n 9	6n54	1n26	18n 3	1n23	10s27	0n45	22n27	0s44	23s14	0s15	19n56	0n52	26n11	2n45	13n21	13n45	26n26		n.a.
S 2	0 25	18 32	4 54	9 11	2 8	6 23	1 26	17 52	1 24	10 32	0 45	22 27	0 44	23 14	0 15	19 56	0 52	26 11	2 45	13 19	13 44	26 25		n.a.
S 3	0 0	13 42	4 26	8 36	2 7	5 53	1 25	17 41	1 24	10 36	0 44	22 27	0 44	23 14	0 15	19 56	0 52	26 11	2 46	13 16	13 43	26 24		n.a.
M 4	0s24	8 14	3 46	7 59	2 5	5 22	1 25	17 30	1 24	10 41	0 44	22 27	0 44	23 15	0 15	19 55	0 52	26 12	2 46	13 14	13 42	26 22		n.a.
T 5	0 48	2 21	2 53	7 21	2 2	4 51	1 24	17 19	1 25	10 46	0 44	22 27	0 44	23 15	0 15	19 55	0 52	26 12	2 46	13 13	13 40	26 21		n.a.
W 6	1 13	3s45	1 51	6 42	1 59	4 20	1 23	17 7	1 25	10 50	0 44	22 27	0 44	23 15	0 15	19 55	0 52	26 12	2 46	13 11	13 39	26 20		n.a.
T 7	1 37	9 47	0 42	6 2	1 55	3 49	1 22	16 56	1 25	10 55	0 44	22 27	0 44	23 15	0 15	19 54	0 53	26 12	2 46	13 11	13 38	26 19		n.a.
F 8	2 2	15 30	0s30	5 21	1 51	3 18	1 21	16 44	1 26	11 0	0 44	22 27	0 44	23 15	0 15	19 54	0 53	26 12	2 46	13 11	13 37	26 18		n.a.
S 9	2 26	20 34	1 42	4 39	1 47	2 46	1 20	16 33	1 26	11 5	0 44	22 27	0 44	23 15	0 15	19 54	0 53	26 12	2 46	13 11	13 36	26 17		n.a.
S 10	2 51	24 37	2 50	3 57	1 42	2 15	1 19	16 21	1 26	11 9	0 43	22 27	0 44	23 16	0 15	19 54	0 53	26 12	2 47	13 12	13 35	26 16		n.a.
M11	3 15	27 17	3 48	3 14	1 37	1 43	1 18	16 9	1 26	11 14	0 43	22 27	0 44	23 16	0 15	19 53	0 53	26 12	2 47	13 12	13 34	26 14		n.a.
T 12	3 39	28 17	4 33	2 31	1 31	1 12	1 17	15 58	1 27	11 19	0 43	22 27	0 44	23 16	0 15	19 53	0 53	26 13	2 47	13 13	13 33	26 13		n.a.
W13	4 3	27 26	5 3	1 47	1 26	0 40	1 16	15 46	1 27	11 24	0 43	22 27	0 44	23 16	0 15	19 53	0 53	26 13	2 47	13 12	13 32	26 12		n.a.
T 14	4 28	24 48	5 14	1 3	1 20	0 9	1 14	15 34	1 27	11 29	0 43	22 27	0 44	23 16	0 15	19 52	0 53	26 13	2 47	13 12	13 31	26 11		n.a.
F 15	4 52	20 37	5 6	0 19	1 14	0s23	1 13	15 22	1 28	11 33	0 43	22 27	0 44	23 17	0 15	19 52	0 53	26 13	2 47	13 11	13 30	26 10		n.a.
S 16	5 16	15 13	4 38	0s25	1 8	0 55	1 12	15 9	1 28	11 38	0 43	22 27	0 44	23 17	0 15	19 52	0 53	26 13	2 47	13 10	13 29	26 8		n.a.
S 17	5 40	9 2	3 54	1 9	1 2	1 27	1 10	14 57	1 28	11 43	0 43	22 27	0 44	23 17	0 15	19 52	0 53	26 13	2 48	13 9	13 28	26 7		n.a.
M18	6 4	2 27	2 55	1 53	0 56	1 58	1 9	14 45	1 29	11 48	0 42	22 27	0 44	23 17	0 15	19 52	0 53	26 13	2 48	13 8	13 27	26 6		n.a.
T 19	6 28	4n 9	1 47	2 37	0 49	2 30	1 7	14 32	1 29	11 52	0 42	22 27	0 44	23 18	0 15	19 51	0 53	26 13	2 48	13 8	13 25	26 5		n.a.
W20	6 51	10 27	0 34	3 21	0 43	3 1	1 6	14 20	1 29	11 57	0 42	22 27	0 44	23 18	0 15	19 51	0 53	26 13	2 48	13 7	13 24	26 3		n.a.
T 21	7 15	16 8	0n40	4 5	0 36	3 33	1 4	14 7	1 29	12 2	0 42	22 27	0 44	23 18	0 15	19 51	0 53	26 13	2 48	13 7	13 23	26 2		n.a.
F 22	7 38	20 56	1 49	4 48	0 30	4 4	1 2	13 55	1 30	12 7	0 42	22 27	0 44	23 18	0 15	19 51	0 53	26 14	2 48	13 8	13 22	26 1		n.a.
S 23	8 2	24 39	2 52	5 32	0 23	4 36	1 1	13 42	1 30	12 11	0 42	22 27	0 44	23 19	0 15	19 50	0 53	26 14	2 48	13 8	13 21	26 0		n.a.
S 24	8 25	27 7	3 45	6 15	0 16	5 7	0 59	13 29	1 30	12 16	0 42	22 26	0 44	23 19	0 15	19 50	0 53	26 14	2 48	13 8	13 20	25 58		n.a.
M25	8 48	28 15	4 26	6 58	0 10	5 38	0 57	13 16	1 31	12 21	0 42	22 26	0 44	23 19	0 15	19 50	0 53	26 14	2 49	13 9	13 19	25 57		n.a.
T 26	9 11	28 2	4 56	7 40	0 3	6 9	0 55	13 3	1 31	12 26	0 42	22 26	0 44	23 19	0 15	19 50	0 53	26 14	2 49	13 9	13 18	25 56		n.a.
W27	9 34	26 31	5 13	8 23	0s 3	6 40	0 53	12 51	1 31	12 30	0 41	22 26	0 44	23 20	0 15	19 50	0 53	26 14	2 49	13 9	13 17	25 54		n.a.
T 28	9 57	23 50	5 16	9 5	0 10	7 11	0 52	12 37	1 31	12 35	0 41	22 26	0 44	23 20	0 15	19 50	0 53	26 14	2 49	13 9	13 16	25 53		n.a.
F 29	10 19	20 7	5 6	9 46	0 16	7 42	0 50	12 24	1 32	12 40	0 41	22 26	0 44	23 20	0 15	19 50	0 53	26 14	2 49	13 9	13 15	25 52		n.a.
S 30	10 42	15 33	4 42	10 27	0 23	8 12	0 48	12 11	1 32	12 45	0 41	22 25	0 44	23 20	0 15	19 49	0 53	26 14	2 49	13 9	13 14	25 50		n.a.
S 31	11s 4	10n18	4n 5	11s 8	0s29	8s43	0n46	11n58	1n32	12s49	0n41	22n25	0s44	23s21	0s15	19n49	0n53	26n14	2n49	13n 8	13n12	25n49		n.a.

Julian Day Number = 1345123.5, Delta T = 07h12m17s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'54, Lahiri = -18°10'53 Julian Calendar 1 Oct. 1031 BCE == Greg. Calendar 21 Sept. 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

NOVEMBER 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 0 36	29♎23'53	26♍12	28♎53	25♎ 9	3♍42	5♏27	16°R40	16♐15	6♑27	19°R50	4°R14	4♉24	28♋29	n.a.	M 1
T 2	2 4 33	0♏25'03	9♎ 3	0♏27	26°25	4°18	5°40	16♊38	16°18	6°28	19♊49	4♉14	4°21	28°36	n.a.	T 2
W 3	2 8 29	1°26'15	22°12	2° 2	27°40	4°55	5°54	16°35	16°20	6°28	19°48	4°13	4°18	28°43	n.a.	W 3
T 4	2 12 26	2°27'27	5♏39	3°36	28°56	5°31	6° 8	16°32	16°23	6°29	19°47	4°D13	4°14	28°49	n.a.	T 4
F 5	2 16 22	3°28'40	19°23	5°11	0♏12	6° 8	6°21	16°29	16°26	6°29	19°47	4°13	4°11	28°56	n.a.	F 5
S 6	2 20 19	4°29'53	3♐19	6°45	1°27	6°44	6°35	16°27	16°29	6°30	19°46	4°R13	4° 8	29° 3	n.a.	S 6
S 7	2 24 15	5°31'07	17°25	8°20	2°43	7°21	6°49	16°23	16°31	6°30	19°45	4°13	4° 5	29° 9	n.a.	S 7
M 8	2 28 12	6°32'22	1♑37	9°55	3°58	7°57	7° 2	16°20	16°34	6°30	19°44	4°13	4° 2	29°16	n.a.	M 8
T 9	2 32 9	7°33'37	15°52	11°30	5°14	8°34	7°16	16°17	16°37	6°31	19°43	4°13	3°58	29°23	n.a.	T 9
W10	2 36 5	8°34'52	0♒ 6	13° 5	6°30	9°10	7°30	16°14	16°40	6°31	19°42	4°13	3°55	29°30	n.a.	W10
T 11	2 40 2	9°36'07	14°18	14°40	7°45	9°47	7°44	16°10	16°43	6°31	19°41	4°D13	3°52	29°36	n.a.	T 11
F 12	2 43 58	10°37'23	28°23	16°15	9° 1	10°23	7°57	16° 7	16°46	6°32	19°40	4°13	3°49	29°43	n.a.	F 12
S 13	2 47 55	11°38'38	12♓22	17°51	10°16	10°59	8°11	16° 3	16°49	6°32	19°39	4°13	3°46	29°50	n.a.	S 13
S 14	2 51 51	12°39'54	26°12	19°26	11°32	11°35	8°25	16° 0	16°52	6°32	19°38	4°14	3°43	29°57	n.a.	S 14
M15	2 55 48	13°41'09	9♈51	21° 2	12°48	12°12	8°39	15°56	16°55	6°32	19°37	4°15	3°39	0♌ 3	n.a.	M15
T 16	2 59 44	14°42'25	23°19	22°38	14° 3	12°48	8°52	15°52	16°58	6°32	19°36	4°16	3°36	0°10	n.a.	T 16
W17	3 3 41	15°43'41	6♉34	24°14	15°19	13°24	9° 6	15°48	17° 2	6°32	19°35	4°R16	3°33	0°17	n.a.	W17
T 18	3 7 38	16°44'57	19°35	25°50	16°34	14° 0	9°20	15°44	17° 5	6°R32	19°34	4°15	3°30	0°23	n.a.	T 18
F 19	3 11 34	17°46'13	2♊22	27°26	17°50	14°36	9°33	15°40	17° 8	6°32	19°33	4°14	3°27	0°30	n.a.	F 19
S 20	3 15 31	18°47'30	14°54	29° 3	19° 5	15°12	9°47	15°36	17°11	6°32	19°32	4°12	3°24	0°37	n.a.	S 20
S 21	3 19 27	19°48'47	27°13	0♐39	20°21	15°48	10° 1	15°32	17°14	6°32	19°31	4°10	3°20	0°44	n.a.	S 21
M22	3 23 24	20°50'04	9♋21	2°15	21°36	16°24	10°14	15°28	17°18	6°32	19°29	4° 7	3°17	0°50	n.a.	M22
T 23	3 27 20	21°51'22	21°19	3°51	22°52	17° 0	10°28	15°24	17°21	6°32	19°28	4° 5	3°14	0°57	n.a.	T 23
W24	3 31 17	22°52'39	3♌13	5°28	24° 7	17°36	10°41	15°19	17°24	6°32	19°27	4° 3	3°11	1° 4	n.a.	W24
T 25	3 35 14	23°53'57	15° 5	7° 3	25°23	18°12	10°55	15°15	17°27	6°31	19°26	4° 1	3° 8	1°11	n.a.	T 25
F 26	3 39 10	24°55'15	27° 0	8°39	26°38	18°48	11° 9	15°10	17°31	6°31	19°25	4°D 1	3° 4	1°17	n.a.	F 26
S 27	3 43 7	25°56'32	9♍ 4	10°14	27°54	19°24	11°22	15° 6	17°34	6°31	19°24	4° 2	3° 1	1°24	n.a.	S 27
S 28	3 47 3	26°57'50	21°20	11°49	29° 9	19°59	11°36	15° 1	17°37	6°31	19°22	4° 3	2°58	1°31	n.a.	S 28
M29	3 51 0	27°59'08	3♎54	13°22	0♐25	20°35	11°49	14°57	17°41	6°30	19°21	4° 5	2°55	1°37	n.a.	M29
T 30	3 54 56	29♏ 0'26	16♎49	14♐55	1♐40	21♍11	12♏ 3	14♊52	17♐44	6♑30	19♊20	4♉ 6	2♉52	1♑44	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s26	4n31	3n16	11s48	0s35	9s13	0n44	11n45	1n33	12s54	0n41	22n25	0s44	23s21	0s15	19n49	0n54	26n14	2n50	13n 8	13n11	25n48		n.a.
T 2	11 48	1s35	2 15	12 27	0 41	9 42	0 41	11 31	1 33	12 59	0 41	22 25	0 44	23 21	0 15	19 49	0 54	26 14	2 50	13 8	13 10	25 46		n.a.
W 3	12 10	7 46	1 6	13 7	0 48	10 12	0 39	11 18	1 33	13 4	0 41	22 25	0 43	23 21	0 15	19 49	0 54	26 15	2 50	13 8	13 9	25 45		n.a.
T 4	12 31	13 45	0s 8	13 45	0 54	10 41	0 37	11 5	1 33	13 8	0 41	22 24	0 43	23 22	0 15	19 49	0 54	26 15	2 50	13 8	13 8	25 44		n.a.
F 5	12 52	19 11	1 23	14 23	0 59	11 10	0 35	10 51	1 34	13 13	0 41	22 24	0 43	23 22	0 15	19 49	0 54	26 15	2 50	13 8	13 7	25 42		n.a.
S 6	13 13	23 41	2 34	15 0	1 5	11 39	0 33	10 38	1 34	13 18	0 40	22 24	0 43	23 22	0 15	19 49	0 54	26 15	2 50	13 8	13 6	25 41		n.a.
S 7	13 34	26 49	3 37	15 37	1 11	12 8	0 31	10 24	1 34	13 22	0 40	22 24	0 43	23 23	0 15	19 49	0 54	26 15	2 50	13 8	13 5	25 40		n.a.
M 8	13 55	28 16	4 27	16 13	1 16	12 36	0 28	10 10	1 34	13 27	0 40	22 23	0 43	23 23	0 15	19 49	0 54	26 15	2 50	13 8	13 4	25 38		n.a.
T 9	14 15	27 50	5 1	16 48	1 21	13 4	0 26	9 57	1 35	13 31	0 40	22 23	0 43	23 23	0 15	19 49	0 54	26 15	2 51	13 8	13 3	25 37		n.a.
W10	14 35	25 35	5 16	17 23	1 26	13 31	0 24	9 43	1 35	13 36	0 40	22 23	0 43	23 24	0 15	19 48	0 54	26 15	2 51	13 7	13 2	25 35		n.a.
T 11	14 55	21 46	5 12	17 56	1 31	13 59	0 22	9 29	1 35	13 41	0 40	22 22	0 43	23 24	0 15	19 48	0 54	26 15	2 51	13 7	13 0	25 34		n.a.
F 12	15 15	16 44	4 49	18 29	1 36	14 26	0 19	9 16	1 35	13 45	0 40	22 22	0 43	23 24	0 15	19 48	0 54	26 15	2 51	13 8	12 59	25 33		n.a.
S 13	15 34	10 51	4 9	19 1	1 40	14 52	0 17	9 2	1 36	13 50	0 40	22 22	0 43	23 24	0 15	19 48	0 54	26 15	2 51	13 8	12 58	25 31		n.a.
S 14	15 53	4 31	3 16	19 32	1 44	15 18	0 15	8 48	1 36	13 54	0 40	22 22	0 43	23 25	0 15	19 48	0 54	26 15	2 51	13 8	12 57	25 30		n.a.
M15	16 12	1n58	2 11	20 2	1 48	15 44	0 12	8 34	1 36	13 59	0 40	22 21	0 43	23 25	0 15	19 48	0 54	26 15	2 51	13 8	12 56	25 28		n.a.
T 16	16 30	8 16	1 0	20 31	1 52	16 9	0 10	8 20	1 36	14 3	0 40	22 21	0 43	23 25	0 15	19 48	0 54	26 15	2 51	13 9	12 55	25 27		n.a.
W17	16 49	14 8	0n13	20 59	1 55	16 34	0 8	8 7	1 37	14 8	0 40	22 20	0 43	23 26	0 15	19 48	0 54	26 15	2 51	13 9	12 54	25 25		n.a.
T 18	17 6	19 15	1 24	21 26	1 58	16 58	0 5	7 53	1 37	14 12	0 39	22 20	0 43	23 26	0 15	19 49	0 54	26 15	2 52	13 8	12 53	25 24		n.a.
F 19	17 24	23 24	2 29	21 51	2 1	17 22	0 3	7 39	1 37	14 17	0 39	22 20	0 43	23 26	0 15	19 49	0 54	26 15	2 52	13 8	12 52	25 22		n.a.
S 20	17 41	26 22	3 26	22 16	2 3	17 46	0 0	7 25	1 37	14 21	0 39	22 19	0 43	23 27	0 15	19 49	0 54	26 15	2 52	13 7	12 51	25 21		n.a.
S 21	17 58	28 0	4 12	22 39	2 5	18 9	0s 2	7 11	1 38	14 26	0 39	22 19	0 42	23 27	0 15	19 49	0 54	26 15	2 52	13 7	12 49	25 19		n.a.
M22	18 15	28 15	4 46	23 0	2 7	18 31	0 4	6 57	1 38	14 30	0 39	22 19	0 42	23 27	0 15	19 49	0 54	26 15	2 52	13 6	12 48	25 18		n.a.
T 23	18 31	27 9	5 7	23 21	2 8	18 53	0 7	6 43	1 38	14 35	0 39	22 18	0 42	23 28	0 15	19 49	0 54	26 15	2 52	13 5	12 47	25 16		n.a.
W24	18 47	24 51	5 15	23 40	2 8	19 15	0 9	6 29	1 38	14 39	0 39	22 18	0 42	23 28	0 15	19 49	0 54	26 15	2 52	13 4	12 46	25 15		n.a.
T 25	19 3	21 29	5 9	23 57	2 9	19 36	0 11	6 15	1 38	14 43	0 39	22 17	0 42	23 28	0 15	19 49	0 55	26 15	2 52	13 4	12 45	25 13		n.a.
F 26	19 18	17 14	4 50	24 12	2 8	19 56	0 14	6 1	1 39	14 48	0 39	22 17	0 42	23 29	0 15	19 49	0 55	26 15	2 52	13 4	12 44	25 12		n.a.
S 27	19 33	12 16	4 18	24 26	2 7	20 16	0 16	5 47	1 39	14 52	0 39	22 17	0 42	23 29	0 15	19 49	0 55	26 15	2 53	13 4	12 43	25 10		n.a.
S 28	19 47	6 45	3 34	24 38	2 6	20 35	0 18	5 32	1 39	14 56	0 39	22 16	0 42	23 29	0 15	19 49	0 55	26 15	2 53	13 4	12 42	25 9		n.a.
M29	20 2	0 51	2 39	24 49	2 4	20 54	0 21	5 18	1 39	15 1	0 39	22 16	0 42	23 29	0 15	19 49	0 55	26 15	2 53	13 5	12 41	25 7		n.a.
T 30	20s15	5s16	1n34	24s57	2s 1	21s12	0s23	5n 4	1n40	15s 5	0n39	22n15	0s42	23s30	0s15	19n50	0n55	26n15	2n53	13n 5	12n40	25n 6		n.a.

Julian Day Number = 1345154.5, Delta T = 07h12m15s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'50, Lahiri = -18°10'49 Julian Calendar 1 Nov. 1031 BCE == Greg. Calendar 22 Oct. 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1031 BCE
geocentric

DECEMBER 1031 BCE (-1030) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 58 53	0♐ 1'44	0♏ 7	16♐26	2♐56	21♍46	12♏16	14°R47	17♐48	6°R29	19°R19	4°R 7	2♉49	1♌51	n.a.	W 1
T 2	4 2 49	1° 3'02	13°49	17°56	4°11	22°22	12°29	14♊43	17°51	6♌29	19♊17	4♉ 7	2°45	1°58	n.a.	T 2
F 3	4 6 46	2° 4'19	27°54	19°24	5°26	22°57	12°43	14°38	17°54	6°29	19°16	4° 5	2°42	2° 4	n.a.	F 3
S 4	4 10 43	3° 5'36	12♐18	20°50	6°42	23°33	12°56	14°33	17°58	6°28	19°15	4° 2	2°39	2°11	n.a.	S 4
S 5	4 14 39	4° 6'53	26°54	22°12	7°57	24° 8	13°10	14°28	18° 1	6°27	19°13	3°58	2°36	2°18	n.a.	S 5
M 6	4 18 36	5° 8'09	11♑37	23°32	9°13	24°43	13°23	14°23	18° 5	6°27	19°12	3°53	2°33	2°24	n.a.	M 6
T 7	4 22 32	6° 9'24	26°18	24°47	10°28	25°19	13°36	14°18	18° 8	6°26	19°11	3°48	2°30	2°31	n.a.	T 7
W 8	4 26 29	7°10'38	10♒51	25°58	11°43	25°54	13°49	14°14	18°12	6°26	19°10	3°45	2°26	2°38	n.a.	W 8
T 9	4 30 25	8°11'52	25°11	27° 4	12°59	26°29	14° 2	14° 9	18°15	6°25	19° 8	3°42	2°23	2°45	n.a.	T 9
F 10	4 34 22	9°13'04	9♓15	28° 4	14°14	27° 4	14°16	14° 4	18°19	6°24	19° 7	3°D42	2°20	2°51	n.a.	F 10
S 11	4 38 19	10°14'15	23° 3	28°56	15°29	27°39	14°29	13°59	18°22	6°24	19° 6	3°42	2°17	2°58	n.a.	S 11
S 12	4 42 15	11°15'25	6♈35	29°41	16°45	28°14	14°42	13°54	18°26	6°23	19° 4	3°44	2°14	3° 5	n.a.	S 12
M13	4 46 12	12°16'34	19°52	0♑17	18° 0	28°49	14°55	13°49	18°29	6°22	19° 3	3°45	2°10	3°12	n.a.	M13
T 14	4 50 8	13°17'42	2♉55	0°44	19°15	29°24	15° 8	13°44	18°33	6°21	19° 2	3°R46	2° 7	3°18	n.a.	T 14
W15	4 54 5	14°18'49	15°46	1° 0	20°31	29°59	15°20	13°39	18°36	6°20	19° 0	3°45	2° 4	3°25	n.a.	W15
T 16	4 58 1	15°19'56	28°26	1°R 6	21°46	0♎34	15°33	13°34	18°40	6°19	18°59	3°42	2° 1	3°32	n.a.	T 16
F 17	5 1 58	16°21'01	10♊56	1° 0	23° 1	1° 8	15°46	13°29	18°43	6°19	18°58	3°38	1°58	3°38	n.a.	F 17
S 18	5 5 55	17°22'05	23°16	0°42	24°16	1°43	15°59	13°24	18°47	6°18	18°56	3°31	1°55	3°45	n.a.	S 18
S 19	5 9 51	18°23'08	5♋27	0°13	25°31	2°18	16°12	13°19	18°50	6°17	18°55	3°22	1°51	3°52	n.a.	S 19
M20	5 13 48	19°24'10	17°30	29♐33	26°47	2°52	16°24	13°14	18°54	6°16	18°54	3°13	1°48	3°59	n.a.	M20
T 21	5 17 44	20°25'11	29°26	28°44	28° 2	3°27	16°37	13° 9	18°57	6°15	18°52	3° 4	1°45	4° 5	n.a.	T 21
W22	5 21 41	21°26'12	11♌19	27°45	29°17	4° 1	16°49	13° 5	19° 1	6°14	18°51	2°56	1°42	4°12	n.a.	W22
T 23	5 25 37	22°27'11	23°10	26°39	0♑32	4°35	17° 2	13° 0	19° 4	6°12	18°50	2°49	1°39	4°19	n.a.	T 23
F 24	5 29 34	23°28'09	5♍ 4	25°29	1°47	5° 9	17°14	12°55	19° 8	6°11	18°48	2°45	1°36	4°26	n.a.	F 24
S 25	5 33 30	24°29'06	17° 4	24°15	3° 2	5°44	17°27	12°50	19°12	6°10	18°47	2°43	1°32	4°32	n.a.	S 25
S 26	5 37 27	25°30'02	29°16	23° 1	4°17	6°18	17°39	12°45	19°15	6° 9	18°46	2°D42	1°29	4°39	n.a.	S 26
M27	5 41 24	26°30'58	11♎45	21°48	5°33	6°52	17°51	12°40	19°19	6° 8	18°44	2°43	1°26	4°46	n.a.	M27
T 28	5 45 20	27°31'52	24°35	20°38	6°48	7°26	18° 3	12°36	19°22	6° 7	18°43	2°44	1°23	4°52	n.a.	T 28
W29	5 49 17	28°32'45	7♏51	19°33	8° 3	7°59	18°15	12°31	19°26	6° 6	18°42	2°R44	1°20	4°59	n.a.	W29
T 30	5 53 13	29°33'37	21°36	18°35	9°18	8°33	18°27	12°26	19°29	6° 4	18°40	2°43	1°16	5° 6	n.a.	T 30
F 31	5 57 10	0♑34'28	5♐48	17♐43	10♑33	9♎ 7	18♏39	12♊22	19♐33	6♌ 3	18♊39	2♉39	1♉13	5♌13	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20s29	11s21	0n22	25s 4	1s57	21s29	0s25	4n50	1n40	15s 9	0n39	22n15	0s42	23s30	0s15	19n50	0n55	26n15	2n53	13n 6	12n38	25n 4			n.a.
T 2	20 42	17 5	0s53	25 8	1 53	21 46	0 28	4 36	1 40	15 13	0 38	22 14	0 42	23 30	0 15	19 50	0 55	26 15	2 53	13 6	12 37	25 3			n.a.
F 3	20 54	22 4	2 7	25 11	1 48	22 2	0 30	4 22	1 40	15 17	0 38	22 14	0 42	23 31	0 15	19 50	0 55	26 15	2 53	13 5	12 36	25 1			n.a.
S 4	21 7	25 50	3 14	25 11	1 42	22 18	0 32	4 8	1 40	15 22	0 38	22 13	0 41	23 31	0 15	19 50	0 55	26 15	2 53	13 4	12 35	24 59			n.a.
S 5	21 18	27 56	4 9	25 10	1 35	22 33	0 34	3 54	1 40	15 26	0 38	22 13	0 41	23 31	0 15	19 50	0 55	26 15	2 53	13 2	12 34	24 58			n.a.
M 6	21 30	28 6	4 49	25 6	1 27	22 47	0 36	3 40	1 41	15 30	0 38	22 12	0 41	23 32	0 15	19 51	0 55	26 15	2 53	13 1	12 33	24 56			n.a.
T 7	21 41	26 17	5 9	25 1	1 18	23 0	0 39	3 26	1 41	15 34	0 38	22 12	0 41	23 32	0 15	19 51	0 55	26 15	2 54	12 59	12 32	24 55			n.a.
W 8	21 51	22 44	5 9	24 53	1 8	23 13	0 41	3 12	1 41	15 38	0 38	22 12	0 41	23 32	0 15	19 51	0 55	26 15	2 54	12 58	12 31	24 53			n.a.
T 9	22 1	17 52	4 50	24 44	0 57	23 25	0 43	2 58	1 41	15 42	0 38	22 11	0 41	23 33	0 15	19 51	0 55	26 15	2 54	12 57	12 30	24 51			n.a.
F 10	22 11	12 8	4 14	24 33	0 45	23 37	0 45	2 44	1 41	15 46	0 38	22 11	0 41	23 33	0 15	19 51	0 55	26 15	2 54	12 57	12 28	24 50			n.a.
S 11	22 20	5 54	3 23	24 20	0 31	23 48	0 47	2 30	1 42	15 50	0 38	22 10	0 41	23 33	0 15	19 52	0 55	26 15	2 54	12 57	12 27	24 48			n.a.
S 12	22 29	0n29	2 22	24 6	0 17	23 58	0 49	2 16	1 42	15 54	0 38	22 10	0 41	23 34	0 15	19 52	0 55	26 15	2 54	12 58	12 26	24 47			n.a.
M13	22 37	6 44	1 15	23 51	0 1	24 7	0 51	2 2	1 42	15 58	0 38	22 9	0 41	23 34	0 15	19 52	0 55	26 15	2 54	12 58	12 25	24 45			n.a.
T 14	22 45	12 36	0 5	23 34	0n15	24 15	0 53	1 48	1 42	16 2	0 38	22 9	0 40	23 34	0 15	19 52	0 55	26 15	2 54	12 58	12 24	24 43			n.a.
W15	22 53	17 51	1n 5	23 17	0 32	24 23	0 55	1 34	1 42	16 6	0 38	22 8	0 40	23 35	0 15	19 53	0 55	26 15	2 54	12 58	12 23	24 42			n.a.
T 16	23 0	22 14	2 10	22 58	0 51	24 30	0 57	1 20	1 42	16 9	0 38	22 8	0 40	23 35	0 15	19 53	0 55	26 15	2 54	12 57	12 22	24 40			n.a.
F 17	23 6	25 32	3 7	22 40	1 9	24 36	0 58	1 6	1 42	16 13	0 38	22 7	0 40	23 35	0 15	19 53	0 55	26 15	2 54	12 55	12 21	24 38			n.a.
S 18	23 13	27 34	3 55	22 21	1 28	24 42	1 0	0 52	1 43	16 17	0 38	22 7	0 40	23 36	0 15	19 53	0 55	26 15	2 54	12 53	12 20	24 37			n.a.
S 19	23 18	28 14	4 32	22 2	1 47	24 46	1 2	0 38	1 43	16 21	0 38	22 6	0 40	23 36	0 15	19 54	0 55	26 15	2 54	12 50	12 18	24 35			n.a.
M20	23 23	27 32	4 56	21 43	2 6	24 50	1 4	0 25	1 43	16 24	0 38	22 6	0 40	23 36	0 15	19 54	0 56	26 15	2 55	12 47	12 17	24 33			n.a.
T 21	23 28	25 34	5 6	21 25	2 23	24 53	1 5	0 11	1 43	16 28	0 38	22 5	0 40	23 36	0 15	19 54	0 56	26 15	2 55	12 44	12 16	24 32			n.a.
W22	23 32	22 31	5 4	21 8	2 40	24 56	1 7	0s 3	1 43	16 32	0 38	22 5	0 39	23 37	0 15	19 55	0 56	26 15	2 55	12 41	12 15	24 30			n.a.
T 23	23 36	18 32	4 48	20 51	2 55	24 57	1 8	0 17	1 43	16 35	0 37	22 4	0 39	23 37	0 15	19 55	0 56	26 15	2 55	12 39	12 14	24 28			n.a.
F 24	23 39	13 49	4 20	20 36	3 9	24 58	1 10	0 30	1 43	16 39	0 37	22 4	0 39	23 37	0 15	19 55	0 56	26 15	2 55	12 37	12 13	24 26			n.a.
S 25	23 42	8 33	3 40	20 22	3 20	24 58	1 11	0 44	1 43	16 43	0 37	22 3	0 39	23 38	0 15	19 56	0 56	26 14	2 55	12 36	12 12	24 25			n.a.
S 26	23 45	2 53	2 50	20 10	3 29	24 58	1 13	0 58	1 43	16 46	0 37	22 3	0 39	23 38	0 15	19 56	0 56	26 14	2 55	12 36	12 11	24 23			n.a.
M27	23 46	3s 2	1 50	19 59	3 35	24 56	1 14	1 11	1 44	16 50	0 37	22 2	0 39	23 38	0 15	19 56	0 56	26 14	2 55	12 37	12 10	24 21			n.a.
T 28	23 48	9 0	0 44	19 50	3 39	24 54	1 15	1 25	1 44	16 53	0 37	22 2	0 39	23 39	0 15	19 57	0 56	26 14	2 55	12 37	12 8	24 19			n.a.
W29	23 49	14 47	0s27	19 44	3 41	24 51	1 17	1 38	1 44	16 56	0 37	22 1	0 39	23 39	0 15	19 57	0 56	26 14	2 55	12 37	12 7	24 18			n.a.
T 30	23 49	20 3	1 39	19 40	3 40	24 47	1 18	1 52	1 44	17 0	0 37	22 1	0 38	23 39	0 15	19 57	0 56	26 14	2 55	12 36	12 6	24 16			n.a.
F 31	23s49	24s21	2s47	19s37	3n38	24s42	1s19	2s 5	1n44	17s 3	0n37	22n 0	0s38	23s39	0s15	19n58	0n56	26n14	2n55	12n35	12n 5	24n14			n.a.

Julian Day Number = 1345184.5, Delta T = 07h12m14s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'46, Lahiri = -18°10'45 Julian Calendar 1 Dec. 1031 BCE == Greg. Calendar 21 Nov. 1031 BCE

The year -1030 astronomical counting style corresponds to year 1031 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

JANUARY 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 6	1♉35'18	20♐27	16°R59	11♉48	9♎40	18♏51	12°R17	19♐36	6°R 2	18°R38	2°R32	1♉10	5♌19	n.a.	S 1
S 2	6 5 3	2°36'06	5♉24	16♐24	13° 3	10°14	19° 3	12♊13	19°40	6♌ 0	18♊36	2♉24	1° 7	5°26	n.a.	S 2
M 3	6 8 59	3°36'53	20°32	15°57	14°18	10°47	19°15	12° 8	19°43	5°59	18°35	2°14	1° 4	5°33	n.a.	M 3
T 4	6 12 56	4°37'38	5♒39	15°38	15°33	11°21	19°26	12° 4	19°46	5°58	18°34	2° 4	1° 1	5°40	n.a.	T 4
W 5	6 16 53	5°38'21	20°36	15°27	16°48	11°54	19°38	12° 0	19°50	5°56	18°32	1°56	0°57	5°46	n.a.	W 5
T 6	6 20 49	6°39'02	5♓15	15°D23	18° 3	12°27	19°49	11°55	19°53	5°55	18°31	1°50	0°54	5°53	n.a.	T 6
F 7	6 24 46	7°39'42	19°31	15°27	19°18	13° 0	20° 1	11°51	19°57	5°54	18°30	1°46	0°51	6° 0	n.a.	F 7
S 8	6 28 42	8°40'19	3♈23	15°37	20°33	13°33	20°12	11°47	20° 0	5°52	18°29	1°D44	0°48	6° 6	n.a.	S 8
S 9	6 32 39	9°40'55	16°51	15°54	21°47	14° 5	20°23	11°43	20° 4	5°51	18°27	1°44	0°45	6°13	n.a.	S 9
M10	6 36 35	10°41'28	29°59	16°16	23° 2	14°38	20°34	11°39	20° 7	5°49	18°26	1°R45	0°42	6°20	n.a.	M10
T 11	6 40 32	11°42'00	12♉48	16°44	24°17	15°11	20°45	11°35	20°10	5°48	18°25	1°44	0°38	6°27	n.a.	T 11
W12	6 44 29	12°42'30	25°22	17°17	25°32	15°43	20°56	11°31	20°14	5°46	18°24	1°42	0°35	6°33	n.a.	W12
T 13	6 48 25	13°42'57	7♊46	17°55	26°47	16°15	21° 7	11°27	20°17	5°45	18°23	1°37	0°32	6°40	n.a.	T 13
F 14	6 52 22	14°43'23	20° 0	18°36	28° 1	16°48	21°18	11°23	20°20	5°43	18°21	1°29	0°29	6°47	n.a.	F 14
S 15	6 56 18	15°43'47	2♋ 8	19°22	29°16	17°20	21°29	11°20	20°23	5°42	18°20	1°18	0°26	6°54	n.a.	S 15
S 16	7 0 15	16°44'09	14° 9	20°11	0♒31	17°52	21°39	11°16	20°27	5°40	18°19	1° 5	0°22	7° 0	n.a.	S 16
M17	7 4 11	17°44'29	26° 6	21° 4	1°46	18°24	21°50	11°13	20°30	5°39	18°18	0°50	0°19	7° 7	n.a.	M17
T 18	7 8 8	18°44'47	8♌ 0	22° 0	3° 0	18°55	22° 0	11° 9	20°33	5°37	18°17	0°36	0°16	7°14	n.a.	T 18
W19	7 12 4	19°45'04	19°52	22°58	4°15	19°27	22°10	11° 6	20°36	5°36	18°16	0°23	0°13	7°20	n.a.	W19
T 20	7 16 1	20°45'18	1♍44	24° 0	5°30	19°59	22°20	11° 3	20°40	5°34	18°15	0°12	0°10	7°27	n.a.	T 20
F 21	7 19 58	21°45'31	13°38	25° 3	6°44	20°30	22°30	11° 0	20°43	5°32	18°13	0° 4	0° 7	7°34	n.a.	F 21
S 22	7 23 54	22°45'42	25°39	26°10	7°59	21° 1	22°40	10°57	20°46	5°31	18°12	29♈59	0° 3	7°41	n.a.	S 22
S 23	7 27 51	23°45'51	7♎49	27°18	9°13	21°32	22°50	10°54	20°49	5°29	18°11	29°56	0° 0	7°47	n.a.	S 23
M24	7 31 47	24°45'59	20°14	28°28	10°28	22° 3	23° 0	10°51	20°52	5°27	18°10	29°55	29♈57	7°54	n.a.	M24
T 25	7 35 44	25°46'05	2♏59	29°40	11°42	22°34	23°10	10°48	20°55	5°26	18° 9	29°55	29°54	8° 1	n.a.	T 25
W26	7 39 40	26°46'09	16° 7	0♉55	12°57	23° 5	23°19	10°45	20°58	5°24	18° 8	29°55	29°51	8° 7	n.a.	W26
T 27	7 43 37	27°46'11	29°44	2°10	14°11	23°35	23°29	10°43	21° 1	5°23	18° 7	29°53	29°48	8°14	n.a.	T 27
F 28	7 47 33	28°46'12	13♐51	3°28	15°26	24° 6	23°38	10°40	21° 4	5°21	18° 6	29°48	29°44	8°21	n.a.	F 28
S 29	7 51 30	29°46'11	28°27	4°47	16°40	24°36	23°47	10°38	21° 7	5°19	18° 5	29°40	29°41	8°28	n.a.	S 29
S 30	7 55 27	0♒46'08	13♉27	6° 8	17°54	25° 6	23°56	10°36	21°10	5°18	18° 4	29°30	29°38	8°34	n.a.	S 30
M31	7 59 23	1♒46'03	28♉43	7♉30	19♒ 9	25♎36	24♏ 5	10♊33	21♐13	5♌16	18♊ 3	29♈19	29♈35	8♌41	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	27s14	3s46	19s37	3n34	24s37	1s20	2s18	1n44	17s 7	0n37	22n 0	0s38	23s40	0s15	19n58	0n56	26n14	2n55	12n33	12n 4	24n12		n.a.
S 2	23 48	28 13	4 31	19 40	3 28	24 31	1 21	2 32	1 44	17 10	0 37	21 59	0 38	23 40	0 15	19 58	0 56	26 14	2 55	12 30	12 3	24 11		n.a.
M 3	23 46	27 7	4 57	19 44	3 21	24 24	1 22	2 45	1 44	17 13	0 37	21 59	0 38	23 40	0 15	19 59	0 56	26 14	2 55	12 26	12 2	24 9		n.a.
T 4	23 44	24 2	5 3	19 50	3 13	24 16	1 23	2 58	1 44	17 16	0 37	21 58	0 38	23 41	0 15	19 59	0 56	26 14	2 55	12 23	12 1	24 7		n.a.
W 5	23 42	19 23	4 48	19 58	3 4	24 8	1 24	3 11	1 44	17 20	0 37	21 58	0 38	23 41	0 16	19 59	0 56	26 14	2 56	12 20	11 59	24 5		n.a.
T 6	23 39	13 39	4 14	20 7	2 55	23 59	1 25	3 24	1 44	17 23	0 37	21 57	0 38	23 41	0 16	20 0	0 56	26 14	2 56	12 18	11 58	24 3		n.a.
F 7	23 36	7 20	3 25	20 17	2 44	23 49	1 25	3 37	1 44	17 26	0 37	21 57	0 37	23 41	0 16	20 0	0 56	26 14	2 56	12 17	11 57	24 2		n.a.
S 8	23 32	0 50	2 25	20 29	2 34	23 38	1 26	3 50	1 44	17 29	0 37	21 57	0 37	23 42	0 16	20 1	0 56	26 14	2 56	12 16	11 56	24 0		n.a.
S 9	23 28	5n31	1 18	20 42	2 23	23 27	1 27	4 3	1 44	17 32	0 37	21 56	0 37	23 42	0 16	20 1	0 56	26 14	2 56	12 16	11 55	23 58		n.a.
M10	23 23	11 30	0 9	20 55	2 12	23 15	1 27	4 16	1 44	17 35	0 37	21 56	0 37	23 42	0 16	20 1	0 56	26 13	2 56	12 16	11 54	23 56		n.a.
T 11	23 18	16 51	0n58	21 9	2 1	23 2	1 28	4 28	1 44	17 38	0 37	21 55	0 37	23 42	0 16	20 2	0 56	26 13	2 56	12 16	11 53	23 54		n.a.
W12	23 12	21 23	2 2	21 23	1 49	22 49	1 28	4 41	1 44	17 41	0 37	21 55	0 37	23 43	0 16	20 2	0 56	26 13	2 56	12 15	11 52	23 52		n.a.
T 13	23 6	24 53	2 58	21 38	1 38	22 35	1 28	4 54	1 44	17 44	0 37	21 55	0 37	23 43	0 16	20 2	0 56	26 13	2 56	12 13	11 50	23 51		n.a.
F 14	22 59	27 11	3 46	21 53	1 27	22 20	1 29	5 6	1 44	17 47	0 37	21 54	0 36	23 43	0 16	20 3	0 56	26 13	2 56	12 10	11 49	23 49		n.a.
S 15	22 53	28 11	4 23	22 7	1 16	22 4	1 29	5 19	1 44	17 50	0 37	21 54	0 36	23 44	0 16	20 3	0 56	26 13	2 56	12 7	11 48	23 47		n.a.
S 16	22 45	27 49	4 47	22 22	1 5	21 48	1 29	5 31	1 44	17 52	0 37	21 54	0 36	23 44	0 16	20 4	0 56	26 13	2 56	12 2	11 47	23 45		n.a.
M17	22 37	26 9	4 59	22 36	0 55	21 32	1 29	5 44	1 44	17 55	0 37	21 53	0 36	23 44	0 16	20 4	0 56	26 13	2 56	11 57	11 46	23 43		n.a.
T 18	22 29	23 20	4 57	22 50	0 44	21 14	1 29	5 56	1 44	17 58	0 37	21 53	0 36	23 44	0 16	20 5	0 56	26 13	2 56	11 52	11 45	23 41		n.a.
W19	22 20	19 33	4 43	23 4	0 34	20 56	1 29	6 8	1 43	18 1	0 37	21 53	0 36	23 45	0 16	20 5	0 56	26 13	2 56	11 47	11 44	23 39		n.a.
T 20	22 11	15 0	4 16	23 17	0 24	20 38	1 29	6 20	1 43	18 3	0 37	21 52	0 35	23 45	0 16	20 5	0 56	26 13	2 56	11 43	11 42	23 37		n.a.
F 21	22 2	9 53	3 38	23 30	0 14	20 19	1 29	6 32	1 43	18 6	0 37	21 52	0 35	23 45	0 16	20 6	0 56	26 13	2 56	11 40	11 41	23 36		n.a.
S 22	21 52	4 21	2 50	23 42	0 4	19 59	1 28	6 44	1 43	18 9	0 37	21 52	0 35	23 45	0 16	20 6	0 56	26 13	2 56	11 39	11 40	23 34		n.a.
S 23	21 42	1s25	1 54	23 53	0s 5	19 39	1 28	6 56	1 43	18 11	0 37	21 51	0 35	23 45	0 16	20 7	0 56	26 13	2 56	11 38	11 39	23 32		n.a.
M24	21 31	7 15	0 51	24 3	0 14	19 18	1 28	7 8	1 43	18 14	0 37	21 51	0 35	23 46	0 16	20 7	0 56	26 12	2 56	11 37	11 38	23 30		n.a.
T 25	21 20	12 57	0s16	24 12	0 23	18 57	1 27	7 20	1 43	18 16	0 37	21 51	0 35	23 46	0 16	20 7	0 56	26 12	2 56	11 37	11 37	23 28		n.a.
W26	21 8	18 16	1 24	24 20	0 31	18 35	1 27	7 32	1 42	18 19	0 37	21 51	0 35	23 46	0 16	20 8	0 57	26 12	2 56	11 37	11 36	23 26		n.a.
T 27	20 56	22 52	2 30	24 27	0 39	18 12	1 26	7 43	1 42	18 21	0 37	21 50	0 34	23 46	0 16	20 8	0 57	26 12	2 56	11 36	11 35	23 24		n.a.
F 28	20 44	26 17	3 29	24 34	0 47	17 50	1 26	7 55	1 42	18 23	0 37	21 50	0 34	23 47	0 16	20 9	0 57	26 12	2 56	11 35	11 33	23 22		n.a.
S 29	20 31	28 6	4 17	24 39	0 55	17 26	1 25	8 6	1 42	18 26	0 37	21 50	0 34	23 47	0 16	20 9	0 57	26 12	2 56	11 32	11 32	23 20		n.a.
S 30	20 18	27 54	4 48	24 42	1 2	17 2	1 24	8 17	1 42	18 28	0 37	21 50	0 34	23 47	0 16	20 10	0 57	26 12	2 56	11 28	11 31	23 18		n.a.
M31	20s 5	25s38	5s 0	24s45	1s 9	16s38	1s23	8s29	1n41	18s30	0n37	21n50	0s34	23s47	0s16	20n10	0n57	26n12	2n56	11n24	11n30	23n16		n.a.

Julian Day Number = 1345215.5, Delta T = 07h12m12s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'41, Lahiri = -18°10'41 Julian Calendar 1 Jan. 1030 BCE == Greg. Calendar 22 Dec. 1031 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

FEBRUARY 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 3 20	2♒45'56	14♒ 4	8♉54	20♒23	26♎ 5	24♏14	10°R31	21♐16	5°R14	18°R 3	29°R 8	29♈32	8♌48	n.a.	T 1
W 2	8 7 16	3°45'47	29°18	10°19	21°37	26°35	24°23	10♊29	21°19	5♌13	18♊ 2	28♈57	29°28	8°55	n.a.	W 2
T 3	8 11 13	4°45'35	14♓14	11°45	22°52	27° 4	24°31	10°27	21°21	5°11	18° 1	28°50	29°25	9° 1	n.a.	T 3
F 4	8 15 9	5°45'21	28°46	13°13	24° 6	27°33	24°39	10°26	21°24	5° 9	18° 0	28°44	29°22	9° 8	n.a.	F 4
S 5	8 19 6	6°45'05	12♈50	14°42	25°20	28° 2	24°48	10°24	21°27	5° 8	17°59	28°42	29°19	9°15	n.a.	S 5
S 6	8 23 2	7°44'46	26°25	16°12	26°34	28°31	24°56	10°22	21°30	5° 6	17°58	28°D41	29°16	9°21	n.a.	S 6
M 7	8 26 59	8°44'24	9♉35	17°44	27°48	29° 0	25° 4	10°21	21°32	5° 4	17°57	28°R41	29°13	9°28	n.a.	M 7
T 8	8 30 55	9°44'01	22°22	19°16	29° 3	29°28	25°12	10°20	21°35	5° 3	17°57	28°41	29° 9	9°35	n.a.	T 8
W 9	8 34 52	10°43'35	4♊51	20°51	0♓17	29°56	25°20	10°18	21°38	5° 1	17°56	28°39	29° 6	9°42	n.a.	W 9
T 10	8 38 49	11°43'06	17° 6	22°26	1°31	0♏24	25°27	10°17	21°40	4°59	17°55	28°34	29° 3	9°48	n.a.	T 10
F 11	8 42 45	12°42'36	29°12	24° 3	2°45	0°52	25°35	10°16	21°43	4°58	17°55	28°26	29° 0	9°55	n.a.	F 11
S 12	8 46 42	13°42'02	11♋11	25°41	3°59	1°19	25°42	10°15	21°45	4°56	17°54	28°16	28°57	10° 2	n.a.	S 12
S 13	8 50 38	14°41'27	23° 6	27°20	5°13	1°46	25°49	10°14	21°48	4°54	17°53	28° 4	28°54	10° 9	n.a.	S 13
M14	8 54 35	15°40'49	4♌59	29° 0	6°26	2°14	25°56	10°14	21°50	4°53	17°53	27°50	28°50	10°15	n.a.	M14
T 15	8 58 31	16°40'09	16°51	0♒42	7°40	2°40	26° 3	10°13	21°53	4°51	17°52	27°37	28°47	10°22	n.a.	T 15
W16	9 2 28	17°39'27	28°44	2°25	8°54	3° 7	26°10	10°13	21°55	4°50	17°51	27°24	28°44	10°29	n.a.	W16
T 17	9 6 24	18°38'42	10♍40	4°10	10° 8	3°33	26°17	10°12	21°57	4°48	17°51	27°14	28°41	10°35	n.a.	T 17
F 18	9 10 21	19°37'56	22°39	5°56	11°22	3°59	26°23	10°12	21°59	4°46	17°50	27° 6	28°38	10°42	n.a.	F 18
S 19	9 14 18	20°37'07	4♎45	7°43	12°35	4°25	26°29	10°12	22° 2	4°45	17°50	27° 1	28°34	10°49	n.a.	S 19
S 20	9 18 14	21°36'16	17° 0	9°31	13°49	4°51	26°35	10°D12	22° 4	4°43	17°49	26°59	28°31	10°56	n.a.	S 20
M21	9 22 11	22°35'24	29°28	11°21	15° 3	5°16	26°41	10°12	22° 6	4°42	17°49	26°D58	28°28	11° 2	n.a.	M21
T 22	9 26 7	23°34'29	12♏12	13°12	16°16	5°41	26°47	10°12	22° 8	4°40	17°48	26°59	28°25	11° 9	n.a.	T 22
W23	9 30 4	24°33'33	25°18	15° 5	17°30	6° 6	26°53	10°12	22°10	4°38	17°48	26°R59	28°22	11°16	n.a.	W23
T 24	9 34 0	25°32'35	8♐47	16°59	18°43	6°30	26°58	10°13	22°12	4°37	17°48	26°58	28°19	11°22	n.a.	T 24
F 25	9 37 57	26°31'35	22°43	18°54	19°57	6°55	27° 4	10°13	22°14	4°35	17°47	26°56	28°15	11°29	n.a.	F 25
S 26	9 41 53	27°30'33	7♑ 7	20°51	21°10	7°18	27° 9	10°14	22°16	4°34	17°47	26°51	28°12	11°36	n.a.	S 26
S 27	9 45 50	28°29'30	21°55	22°48	22°24	7°42	27°14	10°15	22°18	4°32	17°47	26°44	28° 9	11°43	n.a.	S 27
M28	9 49 46	29♒28'24	7♒ 1	24♒48	23♓37	8♏ 5	27♏19	10♊16	22♐20	4♌31	17♊46	26♈35	28♈ 6	11♌49	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s51	21s29	4s50	24s46	1s15	16s13	1s22	8s40	1n41	18s32	0n37	21n50	0s34	23s47	0s16	20n10	0n57	26n12	2n56	11n20	11n29	23n14		n.a.
W 2	19 37	15 56	4 19	24 46	1 22	15 48	1 21	8 51	1 41	18 35	0 37	21 49	0 33	23 48	0 16	20 11	0 57	26 12	2 56	11 17	11 28	23 12		n.a.
T 3	19 23	9 32	3 31	24 45	1 27	15 23	1 20	9 2	1 41	18 37	0 37	21 49	0 33	23 48	0 16	20 11	0 57	26 12	2 56	11 14	11 27	23 10		n.a.
F 4	19 8	2 48	2 31	24 42	1 33	14 57	1 19	9 13	1 40	18 39	0 36	21 49	0 33	23 48	0 16	20 12	0 57	26 12	2 56	11 12	11 25	23 8		n.a.
S 5	18 53	3n53	1 23	24 37	1 38	14 30	1 18	9 23	1 40	18 41	0 36	21 49	0 33	23 48	0 16	20 12	0 57	26 12	2 56	11 11	11 24	23 6		n.a.
S 6	18 37	10 10	0 12	24 31	1 43	14 3	1 17	9 34	1 40	18 43	0 36	21 49	0 33	23 48	0 16	20 13	0 57	26 12	2 56	11 11	11 23	23 4		n.a.
M 7	18 22	15 49	0n57	24 24	1 47	13 36	1 16	9 45	1 39	18 45	0 36	21 49	0 33	23 49	0 16	20 13	0 57	26 12	2 56	11 11	11 22	23 2		n.a.
T 8	18 6	20 37	2 2	24 15	1 51	13 9	1 14	9 55	1 39	18 47	0 36	21 49	0 32	23 49	0 16	20 13	0 57	26 11	2 56	11 11	11 21	23 0		n.a.
W 9	17 49	24 22	2 59	24 4	1 55	12 41	1 13	10 5	1 39	18 49	0 36	21 49	0 32	23 49	0 16	20 14	0 57	26 11	2 56	11 10	11 20	22 58		n.a.
T 10	17 33	26 56	3 46	23 52	1 58	12 13	1 11	10 16	1 38	18 50	0 36	21 49	0 32	23 49	0 16	20 14	0 57	26 11	2 56	11 8	11 19	22 56		n.a.
F 11	17 16	28 12	4 23	23 38	2 1	11 44	1 10	10 26	1 38	18 52	0 36	21 49	0 32	23 49	0 16	20 15	0 57	26 11	2 56	11 5	11 17	22 54		n.a.
S 12	16 59	28 7	4 47	23 22	2 3	11 16	1 8	10 36	1 37	18 54	0 36	21 49	0 32	23 50	0 16	20 15	0 57	26 11	2 56	11 2	11 16	22 52		n.a.
S 13	16 41	26 43	4 59	23 4	2 5	10 47	1 7	10 46	1 37	18 56	0 36	21 49	0 32	23 50	0 16	20 15	0 57	26 11	2 56	10 57	11 15	22 50		n.a.
M14	16 23	24 8	4 58	22 45	2 7	10 17	1 5	10 56	1 36	18 57	0 36	21 49	0 32	23 50	0 16	20 16	0 57	26 11	2 56	10 52	11 14	22 48		n.a.
T 15	16 5	20 32	4 44	22 24	2 8	9 48	1 3	11 6	1 36	18 59	0 36	21 49	0 31	23 50	0 16	20 16	0 57	26 11	2 56	10 47	11 13	22 46		n.a.
W16	15 47	16 7	4 17	22 1	2 9	9 18	1 1	11 15	1 35	19 1	0 36	21 49	0 31	23 50	0 16	20 17	0 57	26 11	2 56	10 43	11 12	22 44		n.a.
T 17	15 29	11 4	3 40	21 36	2 9	8 48	0 59	11 25	1 35	19 2	0 36	21 49	0 31	23 50	0 16	20 17	0 57	26 11	2 56	10 39	11 11	22 42		n.a.
F 18	15 10	5 35	2 52	21 10	2 8	8 18	0 57	11 34	1 34	19 4	0 36	21 49	0 31	23 51	0 16	20 18	0 57	26 11	2 56	10 36	11 9	22 40		n.a.
S 19	14 51	0s10	1 55	20 41	2 8	7 47	0 55	11 44	1 34	19 5	0 36	21 50	0 31	23 51	0 16	20 18	0 57	26 11	2 56	10 34	11 8	22 37		n.a.
S 20	14 32	5 58	0 53	20 11	2 6	7 17	0 53	11 53	1 33	19 7	0 36	21 50	0 31	23 51	0 16	20 18	0 57	26 11	2 56	10 33	11 7	22 35		n.a.
M21	14 12	11 40	0s13	19 38	2 4	6 46	0 51	12 2	1 32	19 8	0 36	21 50	0 30	23 51	0 16	20 19	0 57	26 11	2 56	10 33	11 6	22 33		n.a.
T 22	13 52	17 1	1 20	19 4	2 2	6 15	0 49	12 11	1 32	19 10	0 36	21 50	0 30	23 51	0 16	20 19	0 57	26 11	2 56	10 34	11 5	22 31		n.a.
W23	13 33	21 44	2 25	18 28	1 59	5 44	0 47	12 20	1 31	19 11	0 36	21 50	0 30	23 51	0 16	20 19	0 57	26 11	2 56	10 34	11 4	22 29		n.a.
T 24	13 13	25 28	3 24	17 50	1 56	5 13	0 45	12 29	1 30	19 12	0 36	21 50	0 30	23 51	0 16	20 20	0 57	26 11	2 56	10 33	11 3	22 27		n.a.
F 25	12 52	27 49	4 12	17 10	1 52	4 41	0 42	12 38	1 30	19 13	0 36	21 51	0 30	23 52	0 16	20 20	0 57	26 11	2 56	10 32	11 1	22 25		n.a.
S 26	12 32	28 24	4 47	16 28	1 47	4 10	0 40	12 46	1 29	19 15	0 36	21 51	0 30	23 52	0 16	20 21	0 57	26 11	2 56	10 30	11 0	22 23		n.a.
S 27	12 11	27 0	5 3	15 44	1 42	3 38	0 38	12 55	1 28	19 16	0 36	21 51	0 29	23 52	0 16	20 21	0 57	26 11	2 56	10 28	10 59	22 20		n.a.
M28	11s50	23s38	5s 0	14s59	1s37	3s 7	0s35	13s 3	1n27	19s17	0n36	21n52	0s29	23s52	0s16	20n21	0n57	26n11	2n56	10n25	10n58	22n18		n.a.

Julian Day Number = 1345246.5, Delta T = 07h12m10s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'37, Lahiri = -18°10'37 Julian Calendar 1 Feb. 1030 BCE == Greg. Calendar 22 Jan. 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

MARCH 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 53 43	0♓27'16	22♒15	26♒48	24♓50	8♏28	27♏24	10♊17	22♐22	4°R29	17°R46	26°R26	28♈ 3	11♌56	n.a.	T 1
W 2	9 57 40	1°26'06	7♓29	28°50	26° 4	8°51	27°28	10°18	22°24	4♌28	17♊46	26♈19	28° 0	12° 3	n.a.	W 2
T 3	10 1 36	2°24'54	22°29	0♓53	27°17	9°13	27°32	10°19	22°25	4°27	17°46	26°13	27°56	12° 9	n.a.	T 3
F 4	10 5 33	3°23'40	7♈ 9	2°56	28°30	9°35	27°37	10°20	22°27	4°25	17°45	26° 9	27°53	12°16	n.a.	F 4
S 5	10 9 29	4°22'23	21°22	5° 1	29°43	9°56	27°41	10°21	22°29	4°24	17°45	26°D 7	27°50	12°23	n.a.	S 5
S 6	10 13 26	5°21'04	5♉ 7	7° 6	0♈56	10°17	27°45	10°23	22°30	4°22	17°45	26° 8	27°47	12°30	n.a.	S 6
M 7	10 17 22	6°19'43	18°24	9°12	2°10	10°38	27°48	10°25	22°32	4°21	17°45	26° 9	27°44	12°36	n.a.	M 7
T 8	10 21 19	7°18'19	1♊16	11°18	3°23	10°58	27°52	10°26	22°33	4°20	17°45	26°R10	27°40	12°43	n.a.	T 8
W 9	10 25 15	8°16'53	13°47	13°25	4°35	11°18	27°55	10°28	22°35	4°18	17°45	26°10	27°37	12°50	n.a.	W 9
T 10	10 29 12	9°15'25	26° 2	15°31	5°48	11°38	27°58	10°30	22°36	4°17	17°45	26° 8	27°34	12°57	n.a.	T 10
F 11	10 33 9	10°13'54	8♋ 6	17°36	7° 1	11°57	28° 1	10°32	22°38	4°16	17°D45	26° 4	27°31	13° 3	n.a.	F 11
S 12	10 37 5	11°12'22	20° 2	19°41	8°14	12°15	28° 4	10°34	22°39	4°14	17°45	25°59	27°28	13°10	n.a.	S 12
S 13	10 41 2	12°10'47	1♌54	21°45	9°27	12°34	28° 6	10°36	22°40	4°13	17°45	25°52	27°25	13°17	n.a.	S 13
M14	10 44 58	13° 9'09	13°46	23°47	10°40	12°51	28° 9	10°39	22°41	4°12	17°45	25°44	27°21	13°23	n.a.	M14
T 15	10 48 55	14° 7'30	25°39	25°48	11°52	13° 9	28°11	10°41	22°43	4°11	17°45	25°36	27°18	13°30	n.a.	T 15
W16	10 52 51	15° 5'49	7♍36	27°46	13° 5	13°26	28°13	10°44	22°44	4°10	17°45	25°29	27°15	13°37	n.a.	W16
T 17	10 56 48	16° 4'05	19°38	29°43	14°17	13°42	28°15	10°46	22°45	4° 8	17°45	25°23	27°12	13°44	n.a.	T 17
F 18	11 0 44	17° 2'20	1♎48	1♈36	15°30	13°58	28°17	10°49	22°46	4° 7	17°45	25°18	27° 9	13°50	n.a.	F 18
S 19	11 4 41	18° 0'33	14° 5	3°27	16°42	14°14	28°18	10°52	22°47	4° 6	17°45	25°16	27° 5	13°57	n.a.	S 19
S 20	11 8 37	18°58'44	26°32	5°14	17°55	14°29	28°19	10°55	22°48	4° 5	17°46	25°D15	27° 2	14° 4	n.a.	S 20
M21	11 12 34	19°56'53	9♏12	6°58	19° 7	14°43	28°21	10°58	22°49	4° 4	17°46	25°16	26°59	14°10	n.a.	M21
T 22	11 16 31	20°55'01	22° 6	8°38	20°19	14°57	28°21	11° 1	22°49	4° 3	17°46	25°18	26°56	14°17	n.a.	T 22
W23	11 20 27	21°53'07	5♐17	10°15	21°32	15°10	28°22	11° 4	22°50	4° 2	17°47	25°19	26°53	14°24	n.a.	W23
T 24	11 24 24	22°51'11	18°46	11°48	22°44	15°23	28°23	11° 8	22°51	4° 1	17°47	25°R20	26°50	14°31	n.a.	T 24
F 25	11 28 20	23°49'15	2♑37	13°17	23°56	15°36	28°23	11°11	22°52	4° 0	17°47	25°20	26°46	14°37	n.a.	F 25
S 26	11 32 17	24°47'16	16°48	14°41	25° 8	15°47	28°R23	11°15	22°52	3°59	17°48	25°18	26°43	14°44	n.a.	S 26
S 27	11 36 13	25°45'17	1♒19	16° 1	26°20	15°58	28°23	11°18	22°53	3°58	17°48	25°15	26°40	14°51	n.a.	S 27
M28	11 40 10	26°43'15	16° 4	17°17	27°32	16° 9	28°23	11°22	22°53	3°57	17°48	25°12	26°37	14°57	n.a.	M28
T 29	11 44 6	27°41'12	0♓59	18°29	28°44	16°19	28°23	11°26	22°54	3°57	17°49	25° 8	26°34	15° 4	n.a.	T 29
W30	11 48 3	28°39'08	15°54	19°36	29°56	16°28	28°22	11°29	22°54	3°56	17°49	25° 4	26°31	15°11	n.a.	W30
T 31	11 52 0	29♓37'02	0♈42	20♈39	1♉ 8	16♏37	28♏21	11♊33	22♐55	3♌55	17♊50	25♈ 2	26♈27	15♌18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s29	18s38	4s35	14s11	1s30	2s35	0s33	13s11	1n27	19s18	0n36	21n52	0s29	23s52	0s16	20n22	0n57	26n11	2n56	10n22	10n57	22n16		n.a.
W 2	11 8	12 27	3 50	13 22	1 24	2 3	0 30	13 19	1 26	19 19	0 36	21 52	0 29	23 52	0 16	20 22	0 57	26 10	2 56	10 19	10 56	22 14		n.a.
T 3	10 47	5 37	2 50	12 31	1 16	1 31	0 28	13 27	1 25	19 20	0 36	21 52	0 29	23 52	0 16	20 22	0 57	26 10	2 56	10 17	10 54	22 12		n.a.
F 4	10 25	1n21	1 40	11 39	1 9	0 59	0 25	13 35	1 24	19 21	0 36	21 53	0 29	23 53	0 16	20 23	0 57	26 10	2 56	10 15	10 53	22 10		n.a.
S 5	10 4	8 4	0 26	10 45	1 0	0 27	0 23	13 43	1 23	19 22	0 36	21 53	0 29	23 53	0 17	20 23	0 57	26 10	2 56	10 15	10 52	22 8		n.a.
S 6	9 42	14 11	0n48	9 50	0 51	0n 5	0 20	13 51	1 22	19 23	0 36	21 54	0 28	23 53	0 17	20 23	0 57	26 10	2 56	10 15	10 51	22 5		n.a.
M 7	9 20	19 27	1 57	8 53	0 42	0 36	0 17	13 58	1 21	19 24	0 36	21 54	0 28	23 53	0 17	20 24	0 57	26 10	2 56	10 15	10 50	22 3		n.a.
T 8	8 58	23 38	2 58	7 56	0 32	1 8	0 15	14 6	1 20	19 25	0 36	21 54	0 28	23 53	0 17	20 24	0 57	26 10	2 56	10 15	10 49	22 1		n.a.
W 9	8 36	26 35	3 48	6 58	0 22	1 40	0 12	14 13	1 19	19 25	0 36	21 55	0 28	23 53	0 17	20 24	0 57	26 10	2 56	10 15	10 48	21 59		n.a.
T 10	8 13	28 12	4 27	5 59	0 11	2 12	0 9	14 20	1 18	19 26	0 36	21 55	0 28	23 53	0 17	20 25	0 57	26 10	2 56	10 15	10 46	21 57		n.a.
F 11	7 51	28 27	4 53	4 59	0 1	2 44	0 6	14 27	1 16	19 27	0 36	21 56	0 28	23 53	0 17	20 25	0 57	26 10	2 56	10 13	10 45	21 54		n.a.
S 12	7 29	27 21	5 6	3 59	0n10	3 16	0 4	14 34	1 15	19 27	0 36	21 56	0 27	23 53	0 17	20 25	0 57	26 10	2 56	10 11	10 44	21 52		n.a.
S 13	7 6	25 1	5 6	3 0	0 22	3 47	0 1	14 41	1 14	19 28	0 36	21 57	0 27	23 53	0 17	20 26	0 57	26 10	2 56	10 9	10 43	21 50		n.a.
M14	6 43	21 37	4 53	2 0	0 33	4 19	0n 2	14 48	1 13	19 29	0 36	21 57	0 27	23 54	0 17	20 26	0 57	26 10	2 56	10 6	10 42	21 48		n.a.
T 15	6 21	17 21	4 27	1 1	0 44	4 51	0 5	14 54	1 11	19 29	0 36	21 57	0 27	23 54	0 17	20 26	0 57	26 10	2 56	10 3	10 41	21 45		n.a.
W16	5 58	12 23	3 49	0 3	0 55	5 22	0 8	15 1	1 10	19 30	0 36	21 58	0 27	23 54	0 17	20 26	0 57	26 10	2 56	10 0	10 39	21 43		n.a.
T 17	5 35	6 56	3 1	0n54	1 6	5 53	0 11	15 7	1 9	19 30	0 36	21 59	0 27	23 54	0 17	20 27	0 57	26 10	2 56	9 58	10 38	21 41		n.a.
F 18	5 12	1 10	2 4	1 50	1 17	6 24	0 14	15 13	1 7	19 30	0 36	21 59	0 27	23 54	0 17	20 27	0 57	26 10	2 56	9 56	10 37	21 39		n.a.
S 19	4 49	4s43	1 0	2 44	1 28	6 55	0 17	15 19	1 6	19 31	0 36	22 0	0 26	23 54	0 17	20 27	0 57	26 10	2 56	9 56	10 36	21 36		n.a.
S 20	4 26	10 30	0s 7	3 37	1 38	7 26	0 20	15 25	1 4	19 31	0 36	22 0	0 26	23 54	0 17	20 27	0 57	26 10	2 56	9 55	10 35	21 34		n.a.
M21	4 3	15 59	1 15	4 27	1 48	7 57	0 22	15 31	1 2	19 31	0 36	22 1	0 26	23 54	0 17	20 28	0 57	26 10	2 56	9 56	10 34	21 32		n.a.
T 22	3 39	20 51	2 21	5 16	1 57	8 27	0 25	15 37	1 1	19 31	0 36	22 1	0 26	23 54	0 17	20 28	0 57	26 10	2 56	9 56	10 32	21 30		n.a.
W23	3 16	24 49	3 21	6 3	2 6	8 58	0 28	15 42	0 59	19 32	0 36	22 2	0 26	23 54	0 17	20 28	0 57	26 10	2 56	9 57	10 31	21 27		n.a.
T 24	2 53	27 31	4 11	6 47	2 14	9 28	0 31	15 48	0 57	19 32	0 36	22 3	0 26	23 54	0 17	20 28	0 57	26 10	2 56	9 57	10 30	21 25		n.a.
F 25	2 30	28 36	4 48	7 29	2 21	9 58	0 34	15 53	0 56	19 32	0 36	22 3	0 26	23 54	0 17	20 29	0 57	26 10	2 56	9 57	10 29	21 23		n.a.
S 26	2 6	27 51	5 9	8 9	2 28	10 27	0 37	15 58	0 54	19 32	0 36	22 4	0 25	23 54	0 17	20 29	0 57	26 10	2 56	9 56	10 28	21 20		n.a.
S 27	1 43	25 14	5 11	8 46	2 34	10 57	0 40	16 3	0 52	19 32	0 36	22 4	0 25	23 55	0 17	20 29	0 57	26 11	2 56	9 55	10 27	21 18		n.a.
M28	1 19	20 54	4 52	9 20	2 39	11 26	0 43	16 8	0 50	19 32	0 36	22 5	0 25	23 55	0 17	20 29	0 57	26 11	2 56	9 54	10 25	21 16		n.a.
T 29	0 56	15 14	4 14	9 52	2 43	11 55	0 46	16 13	0 48	19 32	0 36	22 6	0 25	23 55	0 17	20 29	0 57	26 11	2 56	9 53	10 24	21 13		n.a.
W30	0 33	8 41	3 18	10 21	2 47	12 23	0 49	16 18	0 46	19 32	0 36	22 6	0 25	23 55	0 17	20 30	0 57	26 11	2 56	9 51	10 23	21 11		n.a.
T 31	0s 9	1s42	2s 9	10n47	2n49	12n52	0n52	16s22	0n44	19s32	0n36	22n 7	0s25	23s55	0s17	20n30	0n56	26n11	2n56	9n50	10n22	21n 9		n.a.

Julian Day Number = 1345274.5, Delta T = 07h12m09s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'33, Lahiri = -18°10'33 Julian Calendar 1 March 1030 BCE == Greg. Calendar 19 Feb. 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

APRIL 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 55 56	0♈34'54	15♈14	21♈37	2♉19	16♏45	28°R20	11♊38	22♐55	3°R54	17♊50	25°R 0	26♈24	15♌24	n.a.	F 1
S 2	11 59 53	1°32'45	29°26	22°30	3°31	16°52	28♏19	11°42	22°55	3♌53	17°51	25°D 0	26°21	15°31	n.a.	S 2
S 3	12 3 49	2°30'33	13♉13	23°19	4°43	16°59	28°18	11°46	22°56	3°53	17°51	25♈ 1	26°18	15°38	n.a.	S 3
M 4	12 7 46	3°28'20	26°34	24° 2	5°54	17° 5	28°16	11°50	22°56	3°52	17°52	25° 2	26°15	15°44	n.a.	M 4
T 5	12 11 42	4°26'06	9♊32	24°41	7° 6	17°10	28°15	11°55	22°56	3°51	17°53	25° 4	26°11	15°51	n.a.	T 5
W 6	12 15 39	5°23'49	22° 8	25°15	8°17	17°14	28°13	11°59	22°56	3°51	17°53	25° 5	26° 8	15°58	n.a.	W 6
T 7	12 19 35	6°21'31	4♋27	25°45	9°28	17°18	28°11	12° 4	22°R56	3°50	17°54	25°R 5	26° 5	16° 5	n.a.	T 7
F 8	12 23 32	7°19'11	16°32	26° 9	10°40	17°22	28° 9	12° 8	22°56	3°50	17°55	25° 5	26° 2	16°11	n.a.	F 8
S 9	12 27 28	8°16'50	28°29	26°28	11°51	17°24	28° 6	12°13	22°56	3°49	17°55	25° 4	25°59	16°18	n.a.	S 9
S 10	12 31 25	9°14'26	10♌21	26°42	13° 2	17°26	28° 3	12°18	22°56	3°49	17°56	25° 2	25°56	16°25	n.a.	S 10
M11	12 35 22	10°12'01	22°14	26°51	14°13	17°27	28° 1	12°23	22°56	3°48	17°57	25° 0	25°52	16°31	n.a.	M11
T 12	12 39 18	11° 9'35	4♍ 9	26°R56	15°24	17°R27	27°58	12°28	22°56	3°48	17°58	24°58	25°49	16°38	n.a.	T 12
W13	12 43 15	12° 7'06	16°11	26°55	16°35	17°27	27°55	12°33	22°55	3°47	17°58	24°56	25°46	16°45	n.a.	W13
T 14	12 47 11	13° 4'37	28°22	26°50	17°46	17°26	27°51	12°38	22°55	3°47	17°59	24°55	25°43	16°52	n.a.	T 14
F 15	12 51 8	14° 2'06	10♎43	26°40	18°57	17°24	27°48	12°43	22°55	3°47	18° 0	24°54	25°40	16°58	n.a.	F 15
S 16	12 55 4	14°59'34	23°16	26°26	20° 7	17°21	27°44	12°48	22°54	3°46	18° 1	24°D53	25°37	17° 5	n.a.	S 16
S 17	12 59 1	15°57'00	6♏ 2	26° 9	21°18	17°18	27°40	12°53	22°54	3°46	18° 2	24°54	25°33	17°12	n.a.	S 17
M18	13 2 57	16°54'26	19° 1	25°47	22°29	17°13	27°36	12°59	22°53	3°46	18° 3	24°54	25°30	17°18	n.a.	M18
T 19	13 6 54	17°51'50	2♐14	25°22	23°39	17° 9	27°32	13° 4	22°53	3°46	18° 4	24°55	25°27	17°25	n.a.	T 19
W20	13 10 51	18°49'14	15°41	24°55	24°49	17° 3	27°28	13°10	22°52	3°45	18° 4	24°55	25°24	17°32	n.a.	W20
T 21	13 14 47	19°46'37	29°22	24°25	26° 0	16°57	27°23	13°15	22°52	3°45	18° 5	24°56	25°21	17°39	n.a.	T 21
F 22	13 18 44	20°43'59	13♑16	23°53	27°10	16°49	27°19	13°21	22°51	3°45	18° 6	24°56	25°17	17°45	n.a.	F 22
S 23	13 22 40	21°41'20	27°23	23°20	28°20	16°41	27°14	13°27	22°50	3°45	18° 7	24°R56	25°14	17°52	n.a.	S 23
S 24	13 26 37	22°38'41	11♒40	22°47	29°30	16°33	27° 9	13°33	22°49	3°45	18° 8	24°56	25°11	17°59	n.a.	S 24
M25	13 30 33	23°36'00	26° 6	22°13	0♊40	16°24	27° 4	13°38	22°49	3°D45	18°10	24°56	25° 8	18° 5	n.a.	M25
T 26	13 34 30	24°33'19	10♓35	21°40	1°50	16°13	26°59	13°44	22°48	3°45	18°11	24°D56	25° 5	18°12	n.a.	T 26
W27	13 38 26	25°30'38	25° 4	21° 7	3° 0	16° 3	26°53	13°50	22°47	3°45	18°12	24°56	25° 2	18°19	n.a.	W27
T 28	13 42 23	26°27'55	9♈28	20°37	4°10	15°51	26°48	13°56	22°46	3°45	18°13	24°56	24°58	18°26	n.a.	T 28
F 29	13 46 20	27°25'12	23°40	20° 8	5°19	15°39	26°42	14° 3	22°45	3°45	18°14	24°R56	24°55	18°32	n.a.	F 29
S 30	13 50 16	28♈22'28	7♉37	19♈42	6♊29	15♏26	26♏36	14♊ 9	22♐44	3♌45	18♊15	24♈56	24♈52	18♌39	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n14	5n16	0s53	11n11	2n51	13n20	0n55	16s26	0n42	19s32	0n36	22n 8	0s25	23s55	0s17	20n30	0n56	26n11	2n56	9n50	10n21	21n 7		n.a.
S 2	0 37	11 49	0n24	11 32	2 51	13 47	0 58	16 31	0 39	19 31	0 36	22 9	0 24	23 55	0 17	20 30	0 56	26 11	2 56	9 50	10 20	21 4		n.a.
S 3	1 1	17 37	1 39	11 50	2 51	14 15	1 1	16 35	0 37	19 31	0 36	22 9	0 24	23 55	0 17	20 30	0 56	26 11	2 56	9 50	10 18	21 2		n.a.
M 4	1 24	22 22	2 45	12 5	2 49	14 42	1 3	16 39	0 35	19 31	0 36	22 10	0 24	23 55	0 17	20 30	0 56	26 11	2 56	9 50	10 17	20 59		n.a.
T 5	1 47	25 52	3 41	12 18	2 47	15 8	1 6	16 42	0 32	19 30	0 36	22 11	0 24	23 55	0 17	20 31	0 56	26 11	2 56	9 51	10 16	20 57		n.a.
W 6	2 11	27 59	4 25	12 27	2 44	15 35	1 9	16 46	0 30	19 30	0 36	22 11	0 24	23 55	0 17	20 31	0 56	26 11	2 56	9 51	10 15	20 55		n.a.
T 7	2 34	28 40	4 55	12 34	2 39	16 1	1 12	16 50	0 28	19 30	0 36	22 12	0 24	23 55	0 17	20 31	0 56	26 11	2 56	9 52	10 14	20 52		n.a.
F 8	2 57	27 56	5 12	12 38	2 33	16 26	1 14	16 53	0 25	19 29	0 36	22 13	0 24	23 55	0 17	20 31	0 56	26 11	2 56	9 52	10 13	20 50		n.a.
S 9	3 20	25 55	5 15	12 38	2 27	16 51	1 17	16 56	0 22	19 29	0 36	22 14	0 24	23 55	0 17	20 31	0 56	26 11	2 56	9 51	10 11	20 48		n.a.
S 10	3 43	22 47	5 4	12 36	2 19	17 16	1 20	16 59	0 20	19 28	0 35	22 14	0 23	23 55	0 17	20 31	0 56	26 11	2 56	9 50	10 10	20 45		n.a.
M11	4 6	18 44	4 41	12 31	2 10	17 40	1 22	17 2	0 17	19 27	0 35	22 15	0 23	23 55	0 17	20 31	0 56	26 11	2 56	9 50	10 9	20 43		n.a.
T 12	4 29	13 56	4 5	12 24	2 0	18 4	1 25	17 5	0 14	19 27	0 35	22 16	0 23	23 55	0 17	20 31	0 56	26 11	2 56	9 49	10 8	20 40		n.a.
W13	4 52	8 34	3 18	12 13	1 49	18 27	1 28	17 8	0 11	19 26	0 35	22 17	0 23	23 55	0 17	20 31	0 56	26 11	2 56	9 48	10 7	20 38		n.a.
T 14	5 15	2 49	2 21	12 0	1 37	18 50	1 30	17 10	0 8	19 25	0 35	22 18	0 23	23 55	0 17	20 31	0 56	26 12	2 56	9 48	10 6	20 36		n.a.
F 15	5 37	3s 7	1 18	11 45	1 24	19 13	1 33	17 13	0 5	19 25	0 35	22 18	0 23	23 55	0 17	20 32	0 56	26 12	2 56	9 47	10 4	20 33		n.a.
S 16	6 0	9 3	0 9	11 27	1 10	19 35	1 35	17 15	0 2	19 24	0 35	22 19	0 23	23 55	0 17	20 32	0 56	26 12	2 56	9 47	10 3	20 31		n.a.
S 17	6 22	14 42	1s 1	11 6	0 55	19 56	1 37	17 17	0s 1	19 23	0 35	22 20	0 23	23 55	0 17	20 32	0 56	26 12	2 56	9 47	10 2	20 28		n.a.
M18	6 45	19 50	2 10	10 44	0 40	20 17	1 40	17 19	0 4	19 22	0 35	22 21	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 47	10 1	20 26		n.a.
T 19	7 7	24 5	3 12	10 20	0 24	20 38	1 42	17 21	0 8	19 21	0 35	22 22	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 48	10 0	20 24		n.a.
W20	7 29	27 6	4 6	9 54	0 7	20 58	1 44	17 22	0 11	19 20	0 35	22 22	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 48	9 58	20 21		n.a.
T 21	7 51	28 35	4 46	9 28	0s10	21 17	1 46	17 24	0 14	19 19	0 35	22 23	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 48	9 57	20 19		n.a.
F 22	8 13	28 17	5 10	9 0	0 27	21 36	1 49	17 25	0 18	19 18	0 35	22 24	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 48	9 56	20 16		n.a.
S 23	8 35	26 11	5 16	8 32	0 44	21 54	1 51	17 26	0 21	19 17	0 35	22 25	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 48	9 55	20 14		n.a.
S 24	8 57	22 24	5 3	8 3	1 1	22 12	1 53	17 27	0 25	19 16	0 35	22 26	0 22	23 55	0 18	20 32	0 56	26 12	2 56	9 48	9 54	20 11		n.a.
M25	9 18	17 16	4 31	7 35	1 18	22 29	1 55	17 27	0 28	19 15	0 35	22 27	0 22	23 55	0 18	20 32	0 56	26 13	2 56	9 48	9 53	20 9		n.a.
T 26	9 40	11 7	3 42	7 7	1 34	22 45	1 56	17 28	0 32	19 14	0 34	22 27	0 21	23 55	0 18	20 32	0 56	26 13	2 56	9 48	9 51	20 6		n.a.
W27	10 1	4 24	2 38	6 41	1 50	23 1	1 58	17 28	0 36	19 13	0 34	22 28	0 21	23 55	0 18	20 32	0 56	26 13	2 56	9 48	9 50	20 4		n.a.
T 28	10 22	2n31	1 25	6 15	2 5	23 17	2 0	17 29	0 40	19 12	0 34	22 29	0 21	23 55	0 18	20 32	0 56	26 13	2 56	9 48	9 49	20 1		n.a.
F 29	10 43	9 13	0 7	5 51	2 19	23 31	2 2	17 29	0 43	19 10	0 34	22 30	0 21	23 55	0 18	20 32	0 56	26 13	2 56	9 48	9 48	19 59		n.a.
S 30	11n 4	15n22	1n10	5n29	2s32	23n45	2n 3	17s29	0s47	19s 9	0n34	22n31	0s21	23s55	0s18	20n32	0n56	26n13	2n56	9n48	9n47	19n56		n.a.

Julian Day Number = 1345305.5, Delta T = 07h12m07s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'29, Lahiri = -18°10'29 Julian Calendar 1 Apr. 1030 BCE == Greg. Calendar 22 March 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

MAY 1030 BCE (-1029) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 13	29♈19'43	21♉15	19°R19	7♊38	15°R13	26°R30	14♊15	22°R43	3♌46	18♊16	24°R56	24♈49	18♌46	n.a.	S 1
M 2	13 58 9	0♉16'57	4♊33	18♈59	8°48	14♏59	26♏24	14°21	22♐42	3°46	18°17	24♈55	24°46	18°52	n.a.	M 2
T 3	14 2 6	1°14'11	17°30	18°43	9°57	14°45	26°18	14°28	22°41	3°46	18°19	24°54	24°42	18°59	n.a.	T 3
W 4	14 6 2	2°11'23	0♋ 8	18°31	11° 6	14°30	26°12	14°34	22°39	3°46	18°20	24°53	24°39	19° 6	n.a.	W 4
T 5	14 9 59	3° 8'35	12°28	18°23	12°15	14°14	26° 5	14°40	22°38	3°47	18°21	24°53	24°36	19°13	n.a.	T 5
F 6	14 13 56	4° 5'46	24°35	18°D20	13°24	13°59	25°59	14°47	22°37	3°47	18°22	24°52	24°33	19°19	n.a.	F 6
S 7	14 17 52	5° 2'55	6♌33	18°20	14°33	13°42	25°52	14°53	22°35	3°47	18°24	24°D52	24°30	19°26	n.a.	S 7
S 8	14 21 49	6° 0'04	18°27	18°26	15°42	13°25	25°45	15° 0	22°34	3°48	18°25	24°52	24°27	19°33	n.a.	S 8
M 9	14 25 45	6°57'13	0♍20	18°36	16°50	13° 8	25°39	15° 7	22°33	3°48	18°26	24°53	24°23	19°39	n.a.	M 9
T 10	14 29 42	7°54'20	12°17	18°50	17°59	12°51	25°32	15°13	22°31	3°49	18°28	24°54	24°20	19°46	n.a.	T 10
W11	14 33 38	8°51'26	24°23	19° 9	19° 7	12°34	25°25	15°20	22°30	3°49	18°29	24°55	24°17	19°53	n.a.	W11
T 12	14 37 35	9°48'32	6♎41	19°33	20°15	12°16	25°18	15°27	22°28	3°50	18°30	24°56	24°14	20° 0	n.a.	T 12
F 13	14 41 31	10°45'38	19°14	20° 1	21°23	11°58	25°10	15°34	22°27	3°50	18°32	24°R57	24°11	20° 6	n.a.	F 13
S 14	14 45 28	11°42'43	2♏ 3	20°33	22°31	11°40	25° 3	15°40	22°25	3°51	18°33	24°57	24° 8	20°13	n.a.	S 14
S 15	14 49 25	12°39'47	15° 9	21°10	23°39	11°21	24°56	15°47	22°23	3°51	18°34	24°56	24° 4	20°20	n.a.	S 15
M16	14 53 21	13°36'52	28°32	21°51	24°47	11° 3	24°49	15°54	22°22	3°52	18°36	24°54	24° 1	20°26	n.a.	M16
T 17	14 57 18	14°33'56	12♐11	22°37	25°55	10°45	24°41	16° 1	22°20	3°53	18°37	24°52	23°58	20°33	n.a.	T 17
W18	15 1 14	15°31'00	26° 2	23°26	27° 2	10°27	24°34	16° 8	22°18	3°53	18°39	24°49	23°55	20°40	n.a.	W18
T 19	15 5 11	16°28'04	10♑ 3	24°20	28°10	10° 8	24°26	16°15	22°16	3°54	18°40	24°47	23°52	20°47	n.a.	T 19
F 20	15 9 7	17°25'09	24°12	25°18	29°17	9°50	24°19	16°22	22°15	3°55	18°42	24°44	23°48	20°53	n.a.	F 20
S 21	15 13 4	18°22'13	8♒24	26°20	0♋24	9°33	24°11	16°30	22°13	3°56	18°43	24°43	23°45	21° 0	n.a.	S 21
S 22	15 17 1	19°19'18	22°38	27°26	1°31	9°15	24° 3	16°37	22°11	3°57	18°44	24°D43	23°42	21° 7	n.a.	S 22
M23	15 20 57	20°16'22	6♓50	28°35	2°38	8°58	23°56	16°44	22° 9	3°57	18°46	24°44	23°39	21°13	n.a.	M23
T 24	15 24 54	21°13'27	20°59	29°49	3°44	8°40	23°48	16°51	22° 7	3°58	18°47	24°45	23°36	21°20	n.a.	T 24
W25	15 28 50	22°10'32	5♈ 3	1♉ 6	4°51	8°24	23°40	16°58	22° 5	3°59	18°49	24°46	23°33	21°27	n.a.	W25
T 26	15 32 47	23° 7'38	18°59	2°27	5°57	8° 7	23°33	17° 6	22° 3	4° 0	18°51	24°R47	23°29	21°33	n.a.	T 26
F 27	15 36 43	24° 4'43	2♉46	3°52	7° 3	7°51	23°25	17°13	22° 1	4° 1	18°52	24°47	23°26	21°40	n.a.	F 27
S 28	15 40 40	25° 1'49	16°20	5°20	8° 9	7°36	23°17	17°20	21°59	4° 2	18°54	24°46	23°23	21°47	n.a.	S 28
S 29	15 44 36	25°58'55	29°41	6°52	9°15	7°21	23°10	17°28	21°57	4° 3	18°55	24°43	23°20	21°54	n.a.	S 29
M30	15 48 33	26°56'02	12♊46	8°27	10°21	7° 7	23° 2	17°35	21°55	4° 4	18°57	24°38	23°17	22° 0	n.a.	M30
T 31	15 52 30	27♉53'08	25♊35	10♉ 6	11♋26	6♏53	22♏54	17♊43	21♐53	4♌ 5	18♊58	24♈33	23♈14	22♌ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n25	20n37	2n21	5n 9	2s45	23n59	2n 5	17s28	0s51	19s 8	0n34	22n32	0s21	23s55	0s18	20n31	0n56	26n13	2n56	9n48	9n45	19n54			n.a.
M 2	11 45	24 42	3 22	4 51	2 56	24 12	2 6	17 28	0 55	19 6	0 34	22 33	0 21	23 55	0 18	20 31	0 56	26 13	2 56	9 48	9 44	19 51			n.a.
T 3	12 5	27 24	4 12	4 35	3 6	24 24	2 8	17 27	0 59	19 5	0 34	22 33	0 21	23 55	0 18	20 31	0 56	26 13	2 56	9 48	9 43	19 49			n.a.
W 4	12 25	28 37	4 47	4 22	3 15	24 35	2 9	17 26	1 3	19 4	0 34	22 34	0 20	23 55	0 18	20 31	0 56	26 14	2 56	9 47	9 42	19 46			n.a.
T 5	12 45	28 21	5 9	4 12	3 23	24 46	2 10	17 26	1 7	19 2	0 34	22 35	0 20	23 55	0 18	20 31	0 56	26 14	2 56	9 47	9 41	19 44			n.a.
F 6	13 5	26 44	5 16	4 4	3 30	24 56	2 11	17 25	1 11	19 1	0 34	22 36	0 20	23 54	0 18	20 31	0 56	26 14	2 56	9 47	9 40	19 41			n.a.
S 7	13 25	23 55	5 10	3 59	3 35	25 6	2 12	17 23	1 15	18 59	0 33	22 37	0 20	23 54	0 18	20 31	0 56	26 14	2 56	9 47	9 38	19 39			n.a.
S 8	13 44	20 7	4 50	3 57	3 40	25 15	2 13	17 22	1 19	18 58	0 33	22 38	0 20	23 54	0 18	20 31	0 56	26 14	2 56	9 47	9 37	19 36			n.a.
M 9	14 3	15 33	4 18	3 58	3 43	25 23	2 14	17 21	1 23	18 56	0 33	22 39	0 20	23 54	0 18	20 31	0 56	26 14	2 56	9 47	9 36	19 34			n.a.
T 10	14 22	10 21	3 34	4 2	3 45	25 30	2 15	17 19	1 27	18 55	0 33	22 39	0 20	23 54	0 18	20 31	0 56	26 14	2 56	9 47	9 35	19 31			n.a.
W11	14 41	4 43	2 41	4 8	3 46	25 37	2 15	17 17	1 31	18 53	0 33	22 40	0 20	23 54	0 18	20 30	0 56	26 14	2 56	9 48	9 34	19 29			n.a.
T 12	14 59	1s11	1 39	4 17	3 46	25 43	2 16	17 16	1 35	18 51	0 33	22 41	0 20	23 54	0 18	20 30	0 56	26 15	2 56	9 48	9 32	19 26			n.a.
F 13	15 17	7 9	0 32	4 29	3 45	25 48	2 16	17 14	1 39	18 50	0 33	22 42	0 19	23 54	0 18	20 30	0 56	26 15	2 56	9 49	9 31	19 24			n.a.
S 14	15 35	12 59	0s39	4 43	3 43	25 53	2 17	17 12	1 43	18 48	0 33	22 43	0 19	23 54	0 18	20 30	0 56	26 15	2 57	9 49	9 30	19 21			n.a.
S 15	15 53	18 22	1 49	5 0	3 40	25 57	2 17	17 10	1 47	18 47	0 33	22 44	0 19	23 54	0 18	20 30	0 56	26 15	2 57	9 48	9 29	19 18			n.a.
M16	16 11	22 59	2 55	5 19	3 36	26 0	2 17	17 8	1 50	18 45	0 32	22 45	0 19	23 54	0 18	20 30	0 56	26 15	2 57	9 48	9 28	19 16			n.a.
T 17	16 28	26 26	3 51	5 40	3 32	26 3	2 17	17 5	1 54	18 43	0 32	22 45	0 19	23 54	0 18	20 29	0 56	26 15	2 57	9 47	9 27	19 13			n.a.
W18	16 45	28 21	4 36	6 3	3 26	26 4	2 17	17 3	1 58	18 41	0 32	22 46	0 19	23 54	0 18	20 29	0 56	26 15	2 57	9 46	9 25	19 11			n.a.
T 19	17 2	28 29	5 4	6 29	3 20	26 6	2 17	17 1	2 2	18 40	0 32	22 47	0 19	23 54	0 18	20 29	0 56	26 16	2 57	9 45	9 24	19 8			n.a.
F 20	17 18	26 46	5 14	6 57	3 13	26 6	2 17	16 59	2 6	18 38	0 32	22 48	0 19	23 53	0 18	20 29	0 56	26 16	2 57	9 44	9 23	19 5			n.a.
S 21	17 34	23 21	5 5	7 26	3 6	26 6	2 17	16 56	2 9	18 36	0 32	22 49	0 19	23 53	0 18	20 29	0 56	26 16	2 57	9 43	9 22	19 3			n.a.
S 22	17 50	18 33	4 38	7 58	2 58	26 5	2 16	16 54	2 13	18 34	0 32	22 50	0 19	23 53	0 18	20 28	0 56	26 16	2 57	9 43	9 21	19 0			n.a.
M23	18 6	12 44	3 53	8 31	2 49	26 3	2 15	16 52	2 16	18 33	0 31	22 50	0 18	23 53	0 18	20 28	0 56	26 16	2 57	9 44	9 19	18 58			n.a.
T 24	18 21	6 18	2 55	9 6	2 40	26 1	2 15	16 49	2 20	18 31	0 31	22 51	0 18	23 53	0 18	20 28	0 55	26 16	2 57	9 44	9 18	18 55			n.a.
W25	18 36	0n25	1 46	9 42	2 30	25 58	2 14	16 47	2 23	18 29	0 31	22 52	0 18	23 53	0 18	20 28	0 55	26 17	2 57	9 45	9 17	18 52			n.a.
T 26	18 51	7 4	0 32	10 20	2 20	25 54	2 13	16 45	2 27	18 27	0 31	22 53	0 18	23 53	0 18	20 27	0 55	26 17	2 57	9 45	9 16	18 50			n.a.
F 27	19 5	13 18	0n44	10 59	2 9	25 50	2 12	16 42	2 30	18 26	0 31	22 54	0 18	23 53	0 18	20 27	0 55	26 17	2 57	9 45	9 15	18 47			n.a.
S 28	19 20	18 49	1 55	11 39	1 58	25 44	2 11	16 40	2 33	18 24	0 31	22 55	0 18	23 53	0 18	20 27	0 55	26 17	2 57	9 44	9 13	18 45			n.a.
S 29	19 33	23 19	2 59	12 21	1 47	25 39	2 10	16 38	2 36	18 22	0 31	22 55	0 18	23 53	0 18	20 27	0 55	26 17	2 57	9 43	9 12	18 42			n.a.
M30	19 47	26 32	3 52	13 3	1 35	25 32	2 8	16 36	2 39	18 20	0 30	22 56	0 18	23 52	0 18	20 26	0 55	26 17	2 57	9 42	9 11	18 39			n.a.
T 31	20n 0	28n17	4n32	13n46	1s24	25n25	2n 7	16s34	2s42	18s18	0n30	22n57	0s18	23s52	0s18	20n26	0n55	26n18	2n57	9n40	9n10	18n37			n.a.

Julian Day Number = 1345335.5, Delta T = 07h12m06s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'25, Lahiri = -18°10'25 Julian Calendar 1 May 1030 BCE == Greg. Calendar 21 Apr. 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

JUNE 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 56 26	28♉50'15	8♋ 8	11♉48	12♋32	6°R39	22°R47	17♊50	21°R51	4♌ 7	19♊ 0	24°R27	23♈10	22♌14	n.a.	W 1
T 2	16 0 23	29°47'22	20°26	13°34	13°37	6♏27	22♏39	17°58	21♐49	4° 8	19° 1	24♈22	23° 7	22°20	n.a.	T 2
F 3	16 4 19	0♊44'28	2♌33	15°22	14°42	6°15	22°32	18° 5	21°46	4° 9	19° 3	24°17	23° 4	22°27	n.a.	F 3
S 4	16 8 16	1°41'35	14°30	17°14	15°46	6° 4	22°24	18°13	21°44	4°10	19° 5	24°14	23° 1	22°34	n.a.	S 4
S 5	16 12 12	2°38'42	26°22	19° 8	16°51	5°53	22°17	18°20	21°42	4°11	19° 6	24°13	22°58	22°41	n.a.	S 5
M 6	16 16 9	3°35'49	8♍15	21° 5	17°55	5°44	22° 9	18°28	21°40	4°13	19° 8	24°D13	22°54	22°47	n.a.	M 6
T 7	16 20 5	4°32'56	20°12	23° 4	18°59	5°35	22° 2	18°35	21°38	4°14	19°10	24°14	22°51	22°54	n.a.	T 7
W 8	16 24 2	5°30'04	2♎19	25° 6	20° 3	5°27	21°55	18°43	21°35	4°15	19°11	24°15	22°48	23° 1	n.a.	W 8
T 9	16 27 59	6°27'11	14°40	27° 9	21° 7	5°19	21°47	18°51	21°33	4°17	19°13	24°16	22°45	23° 7	n.a.	T 9
F 10	16 31 55	7°24'19	27°20	29°13	22°10	5°13	21°40	18°58	21°31	4°18	19°14	24°R17	22°42	23°14	n.a.	F 10
S 11	16 35 52	8°21'28	10♏20	1♊19	23°13	5° 7	21°33	19° 6	21°28	4°19	19°16	24°15	22°39	23°21	n.a.	S 11
S 12	16 39 48	9°18'37	23°44	3°26	24°16	5° 2	21°26	19°14	21°26	4°21	19°18	24°12	22°35	23°27	n.a.	S 12
M13	16 43 45	10°15'46	7♐29	5°33	25°19	4°58	21°19	19°21	21°24	4°22	19°19	24° 7	22°32	23°34	n.a.	M13
T 14	16 47 41	11°12'57	21°33	7°41	26°21	4°55	21°12	19°29	21°21	4°24	19°21	24° 1	22°29	23°41	n.a.	T 14
W15	16 51 38	12°10'08	5♑52	9°49	27°23	4°52	21° 6	19°37	21°19	4°25	19°23	23°53	22°26	23°48	n.a.	W15
T 16	16 55 35	13° 7'20	20°20	11°56	28°25	4°51	20°59	19°44	21°17	4°27	19°24	23°46	22°23	23°54	n.a.	T 16
F 17	16 59 31	14° 4'33	4♒51	14° 3	29°26	4°D50	20°52	19°52	21°14	4°28	19°26	23°40	22°20	24° 1	n.a.	F 17
S 18	17 3 28	15° 1'46	19°19	16°10	0♌28	4°50	20°46	20° 0	21°12	4°30	19°28	23°35	22°16	24° 8	n.a.	S 18
S 19	17 7 24	15°59'01	3♓39	18°15	1°28	4°51	20°40	20° 8	21°10	4°32	19°29	23°33	22°13	24°14	n.a.	S 19
M20	17 11 21	16°56'17	17°49	20°20	2°29	4°52	20°33	20°15	21° 7	4°33	19°31	23°D32	22°10	24°21	n.a.	M20
T 21	17 15 17	17°53'35	1♈47	22°23	3°29	4°55	20°27	20°23	21° 5	4°35	19°33	23°33	22° 7	24°28	n.a.	T 21
W22	17 19 14	18°50'53	15°33	24°25	4°29	4°58	20°21	20°31	21° 2	4°36	19°34	23°34	22° 4	24°35	n.a.	W22
T 23	17 23 10	19°48'13	29° 7	26°26	5°29	5° 2	20°16	20°39	21° 0	4°38	19°36	23°R34	22° 0	24°41	n.a.	T 23
F 24	17 27 7	20°45'34	12♉30	28°25	6°28	5° 7	20°10	20°46	20°58	4°40	19°38	23°32	21°57	24°48	n.a.	F 24
S 25	17 31 4	21°42'56	25°41	0♋23	7°27	5°13	20° 4	20°54	20°55	4°42	19°40	23°28	21°54	24°55	n.a.	S 25
S 26	17 35 0	22°40'19	8♊40	2°19	8°25	5°19	19°59	21° 2	20°53	4°43	19°41	23°22	21°51	25° 1	n.a.	S 26
M27	17 38 57	23°37'44	21°28	4°14	9°23	5°27	19°54	21°10	20°50	4°45	19°43	23°13	21°48	25° 8	n.a.	M27
T 28	17 42 53	24°35'10	4♋ 3	6° 7	10°21	5°35	19°48	21°17	20°48	4°47	19°45	23° 2	21°45	25°15	n.a.	T 28
W29	17 46 50	25°32'36	16°27	7°58	11°18	5°44	19°44	21°25	20°46	4°49	19°46	22°51	21°41	25°21	n.a.	W29
T 30	17 50 46	26♊30'04	28♋39	9♋48	12♌15	5♏53	19♏39	21♊33	20♐43	4♌50	19♊48	22♈40	21♈38	25♌28	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n13	28n32	4n58	14n29	1s12	25n17	2n 5	16s33	2s45	18s16	0n30	22n58	0s18	23s52	0s18	20n26	0n55	26n18	2n57	9n37	9n 9	18n34		n.a.
T 2	20 26	27 20	5 10	15 13	1 0	25 9	2 3	16 31	2 48	18 15	0 30	22 59	0 17	23 52	0 18	20 26	0 55	26 18	2 57	9 35	9 7	18 31		n.a.
F 3	20 38	24 53	5 8	15 57	0 48	25 0	2 1	16 29	2 50	18 13	0 30	22 59	0 17	23 52	0 18	20 25	0 55	26 18	2 57	9 34	9 6	18 29		n.a.
S 4	20 50	21 23	4 52	16 41	0 36	24 51	1 59	16 28	2 53	18 11	0 30	23 0	0 17	23 52	0 18	20 25	0 55	26 18	2 57	9 33	9 5	18 26		n.a.
S 5	21 1	17 2	4 23	17 24	0 24	24 40	1 57	16 27	2 55	18 9	0 29	23 1	0 17	23 52	0 18	20 25	0 55	26 19	2 57	9 32	9 4	18 23		n.a.
M 6	21 12	12 3	3 44	18 7	0 12	24 30	1 55	16 26	2 58	18 8	0 29	23 2	0 17	23 52	0 18	20 24	0 55	26 19	2 57	9 32	9 3	18 21		n.a.
T 7	21 23	6 36	2 54	18 50	0 0	24 18	1 52	16 25	3 0	18 6	0 29	23 2	0 17	23 51	0 18	20 24	0 55	26 19	2 57	9 32	9 1	18 18		n.a.
W 8	21 34	0 50	1 56	19 31	0n11	24 6	1 50	16 24	3 2	18 4	0 29	23 3	0 17	23 51	0 18	20 24	0 55	26 19	2 57	9 33	9 0	18 15		n.a.
T 9	21 44	5s 4	0 52	20 11	0 22	23 54	1 47	16 24	3 5	18 2	0 29	23 4	0 17	23 51	0 18	20 23	0 55	26 19	2 57	9 33	8 59	18 13		n.a.
F 10	21 54	10 56	0s17	20 49	0 32	23 40	1 44	16 23	3 7	18 1	0 29	23 5	0 17	23 51	0 19	20 23	0 55	26 19	2 58	9 34	8 58	18 10		n.a.
S 11	22 3	16 31	1 26	21 26	0 42	23 27	1 41	16 23	3 9	17 59	0 28	23 5	0 17	23 51	0 19	20 23	0 55	26 20	2 58	9 33	8 57	18 7		n.a.
S 12	22 12	21 27	2 32	22 1	0 51	23 13	1 38	16 23	3 10	17 57	0 28	23 6	0 16	23 51	0 19	20 22	0 55	26 20	2 58	9 32	8 55	18 4		n.a.
M13	22 21	25 23	3 32	22 33	1 0	22 58	1 35	16 24	3 12	17 56	0 28	23 7	0 16	23 51	0 19	20 22	0 55	26 20	2 58	9 30	8 54	18 2		n.a.
T 14	22 29	27 52	4 19	23 3	1 8	22 43	1 31	16 24	3 14	17 54	0 28	23 8	0 16	23 50	0 19	20 21	0 55	26 20	2 58	9 28	8 53	17 59		n.a.
W15	22 37	28 33	4 52	23 31	1 15	22 27	1 28	16 25	3 16	17 52	0 28	23 8	0 16	23 50	0 19	20 21	0 55	26 20	2 58	9 25	8 52	17 56		n.a.
T 16	22 44	27 18	5 6	23 56	1 22	22 11	1 24	16 26	3 17	17 51	0 27	23 9	0 16	23 50	0 19	20 21	0 55	26 21	2 58	9 22	8 51	17 54		n.a.
F 17	22 51	24 13	5 1	24 18	1 28	21 54	1 20	16 27	3 19	17 49	0 27	23 10	0 16	23 50	0 19	20 20	0 55	26 21	2 58	9 20	8 49	17 51		n.a.
S 18	22 58	19 38	4 37	24 38	1 33	21 37	1 16	16 28	3 20	17 48	0 27	23 10	0 16	23 50	0 19	20 20	0 55	26 21	2 58	9 18	8 48	17 48		n.a.
S 19	23 4	13 58	3 55	24 55	1 38	21 19	1 12	16 29	3 21	17 46	0 27	23 11	0 16	23 50	0 19	20 20	0 55	26 21	2 58	9 17	8 47	17 45		n.a.
M20	23 10	7 38	3 0	25 9	1 42	21 1	1 8	16 31	3 22	17 45	0 27	23 12	0 16	23 50	0 19	20 19	0 55	26 21	2 58	9 17	8 46	17 43		n.a.
T 21	23 16	1 1	1 54	25 20	1 45	20 43	1 4	16 33	3 24	17 43	0 26	23 12	0 16	23 49	0 19	20 19	0 55	26 22	2 58	9 17	8 45	17 40		n.a.
W22	23 21	5n34	0 43	25 29	1 47	20 24	0 59	16 35	3 25	17 42	0 26	23 13	0 16	23 49	0 19	20 18	0 55	26 22	2 58	9 17	8 43	17 37		n.a.
T 23	23 25	11 48	0n30	25 35	1 49	20 5	0 54	16 38	3 26	17 40	0 26	23 14	0 15	23 49	0 19	20 18	0 55	26 22	2 58	9 17	8 42	17 34		n.a.
F 24	23 30	17 25	1 40	25 39	1 50	19 45	0 49	16 40	3 27	17 39	0 26	23 14	0 15	23 49	0 19	20 17	0 55	26 22	2 58	9 17	8 41	17 32		n.a.
S 25	23 33	22 7	2 43	25 40	1 51	19 25	0 44	16 43	3 28	17 38	0 26	23 15	0 15	23 49	0 19	20 17	0 55	26 22	2 58	9 15	8 40	17 29		n.a.
S 26	23 37	25 40	3 36	25 38	1 50	19 5	0 39	16 46	3 28	17 36	0 25	23 16	0 15	23 49	0 19	20 17	0 55	26 23	2 59	9 13	8 39	17 26		n.a.
M27	23 40	27 50	4 18	25 35	1 50	18 44	0 34	16 49	3 29	17 35	0 25	23 16	0 15	23 49	0 19	20 16	0 55	26 23	2 59	9 10	8 37	17 23		n.a.
T 28	23 42	28 32	4 47	25 29	1 48	18 23	0 29	16 53	3 30	17 34	0 25	23 17	0 15	23 48	0 19	20 16	0 55	26 23	2 59	9 6	8 36	17 21		n.a.
W29	23 45	27 46	5 1	25 21	1 46	18 2	0 23	16 56	3 30	17 33	0 25	23 17	0 15	23 48	0 19	20 15	0 55	26 23	2 59	9 1	8 35	17 18		n.a.
T 30	23n46	25n40	5n 1	25n11	1n44	17n40	0n17	17s 0	3s31	17s32	0n25	23n18	0s15	23s48	0s19	20n15	0n55	26n23	2n59	8n57	8n34	17n15		n.a.

Julian Day Number = 1345366.5, Delta T = 07h12m04s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'21, Lahiri = -18°10'20 Julian Calendar 1 June 1030 BCE == Greg. Calendar 22 May 1030 BCE

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

JULY 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 54 43	27♊27'33	10♌40	11♋37	13♌12	6♏ 4	19°R34	21♊41	20°R41	4♌52	19♊50	22°R30	21♈35	25♌35	n.a.	F 1
S 2	17 58 40	28°25'03	22°35	13°24	14° 8	6°15	19♏29	21°48	20♐38	4°54	19°51	22♈23	21°32	25°42	n.a.	S 2
S 3	18 2 36	29°22'34	4♍25	15° 9	15° 3	6°27	19°25	21°56	20°36	4°56	19°53	22°17	21°29	25°48	n.a.	S 3
M 4	18 6 33	0♋20'06	16°16	16°53	15°58	6°40	19°21	22° 4	20°34	4°58	19°55	22°14	21°26	25°55	n.a.	M 4
T 5	18 10 29	1°17'39	28°10	18°35	16°52	6°53	19°17	22°11	20°31	5° 0	19°56	22°D13	21°22	26° 2	n.a.	T 5
W 6	18 14 26	2°15'13	10♎15	20°15	17°46	7° 7	19°13	22°19	20°29	5° 2	19°58	22°14	21°19	26° 8	n.a.	W 6
T 7	18 18 22	3°12'48	22°36	21°55	18°40	7°22	19° 9	22°27	20°27	5° 4	20° 0	22°R14	21°16	26°15	n.a.	T 7
F 8	18 22 19	4°10'24	5♏16	23°32	19°32	7°37	19° 6	22°34	20°24	5° 6	20° 1	22°13	21°13	26°22	n.a.	F 8
S 9	18 26 15	5° 8'02	18°21	25° 8	20°25	7°53	19° 3	22°42	20°22	5° 8	20° 3	22°11	21°10	26°28	n.a.	S 9
S 10	18 30 12	6° 5'41	1♐52	26°43	21°16	8°10	18°59	22°50	20°20	5°10	20° 4	22° 6	21° 6	26°35	n.a.	S 10
M11	18 34 9	7° 3'21	15°51	28°16	22° 7	8°27	18°56	22°57	20°18	5°12	20° 6	21°58	21° 3	26°42	n.a.	M11
T 12	18 38 5	8° 1'03	0♑14	29°48	22°57	8°45	18°54	23° 5	20°15	5°14	20° 8	21°49	21° 0	26°49	n.a.	T 12
W13	18 42 2	8°58'46	14°57	1♌18	23°47	9° 4	18°51	23°12	20°13	5°16	20° 9	21°38	20°57	26°55	n.a.	W13
T 14	18 45 58	9°56'30	29°50	2°47	24°36	9°23	18°49	23°20	20°11	5°18	20°11	21°27	20°54	27° 2	n.a.	T 14
F 15	18 49 55	10°54'17	14♒46	4°14	25°24	9°43	18°46	23°28	20° 9	5°20	20°13	21°18	20°51	27° 9	n.a.	F 15
S 16	18 53 51	11°52'05	29°35	5°39	26°11	10° 3	18°44	23°35	20° 6	5°22	20°14	21°11	20°47	27°15	n.a.	S 16
S 17	18 57 48	12°49'55	14♓10	7° 3	26°57	10°24	18°42	23°43	20° 4	5°24	20°16	21° 6	20°44	27°22	n.a.	S 17
M18	19 1 44	13°47'46	28°28	8°25	27°43	10°45	18°41	23°50	20° 2	5°26	20°17	21° 4	20°41	27°29	n.a.	M18
T 19	19 5 41	14°45'40	12♈27	9°46	28°28	11° 7	18°39	23°57	20° 0	5°28	20°19	21° 3	20°38	27°35	n.a.	T 19
W20	19 9 38	15°43'36	26° 6	11° 5	29°11	11°30	18°38	24° 5	19°58	5°30	20°20	21° 3	20°35	27°42	n.a.	W20
T 21	19 13 34	16°41'33	9♉27	12°22	29°54	11°53	18°37	24°12	19°56	5°32	20°22	21° 2	20°32	27°49	n.a.	T 21
F 22	19 17 31	17°39'33	22°33	13°38	0♍36	12°16	18°36	24°20	19°54	5°35	20°23	21° 0	20°28	27°56	n.a.	F 22
S 23	19 21 27	18°37'35	5♊26	14°52	1°17	12°40	18°35	24°27	19°52	5°37	20°25	20°54	20°25	28° 2	n.a.	S 23
S 24	19 25 24	19°35'39	18° 7	16° 3	1°57	13° 5	18°34	24°34	19°50	5°39	20°26	20°46	20°22	28° 9	n.a.	S 24
M25	19 29 20	20°33'45	0♋37	17°13	2°36	13°30	18°34	24°41	19°48	5°41	20°28	20°35	20°19	28°16	n.a.	M25
T 26	19 33 17	21°31'53	12°58	18°21	3°14	13°55	18°D34	24°49	19°46	5°43	20°29	20°22	20°16	28°22	n.a.	T 26
W27	19 37 13	22°30'02	25° 9	19°26	3°50	14°21	18°34	24°56	19°44	5°45	20°31	20° 8	20°12	28°29	n.a.	W27
T 28	19 41 10	23°28'14	7♌13	20°29	4°26	14°47	18°34	25° 3	19°42	5°48	20°32	19°54	20° 9	28°36	n.a.	T 28
F 29	19 45 7	24°26'27	19° 9	21°30	5° 0	15°14	18°34	25°10	19°40	5°50	20°34	19°42	20° 6	28°42	n.a.	F 29
S 30	19 49 3	25°24'42	1♍ 0	22°28	5°33	15°41	18°35	25°17	19°39	5°52	20°35	19°32	20° 3	28°49	n.a.	S 30
S 31	19 53 0	26♋22'58	12♍48	23♌24	6♍ 4	16♏ 9	18♏36	25♊24	19♐37	5♌54	20♊37	19♈24	20♈ 0	28♌56	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	22n27	4n48	24n59	1n41	17n18	0n11	17s 4	3s32	17s31	0n24	23n19	0s15	23s48	0s19	20n14	0n55	26n24	2n59	8n54	8n33	17n12		n.a.
S 2	23 49	18 20	4 22	24 45	1 38	16 56	0 5	17 8	3 32	17 30	0 24	23 19	0 15	23 48	0 19	20 14	0 55	26 24	2 59	8 51	8 31	17 9		n.a.
S 3	23 49	13 32	3 45	24 30	1 34	16 34	0s 1	17 13	3 32	17 29	0 24	23 20	0 15	23 48	0 19	20 13	0 55	26 24	2 59	8 49	8 30	17 7		n.a.
M 4	23 49	8 15	2 59	24 13	1 30	16 11	0 7	17 18	3 33	17 28	0 24	23 20	0 14	23 47	0 19	20 13	0 55	26 24	2 59	8 48	8 29	17 4		n.a.
T 5	23 49	2 38	2 4	23 55	1 25	15 48	0 14	17 22	3 33	17 27	0 24	23 21	0 14	23 47	0 19	20 12	0 55	26 25	2 59	8 47	8 28	17 1		n.a.
W 6	23 48	3s 9	1 3	23 35	1 20	15 26	0 20	17 27	3 33	17 26	0 23	23 21	0 14	23 47	0 19	20 12	0 55	26 25	2 59	8 47	8 27	16 58		n.a.
T 7	23 47	8 57	0s 2	23 14	1 15	15 2	0 27	17 32	3 34	17 25	0 23	23 22	0 14	23 47	0 19	20 11	0 55	26 25	2 59	8 47	8 25	16 55		n.a.
F 8	23 45	14 34	1 9	22 52	1 9	14 39	0 34	17 38	3 34	17 24	0 23	23 22	0 14	23 47	0 19	20 11	0 55	26 25	2 59	8 47	8 24	16 53		n.a.
S 9	23 43	19 42	2 14	22 28	1 3	14 16	0 41	17 43	3 34	17 24	0 23	23 23	0 14	23 47	0 19	20 10	0 55	26 25	3 0	8 46	8 23	16 50		n.a.
S 10	23 41	24 1	3 14	22 4	0 56	13 52	0 49	17 49	3 34	17 23	0 23	23 23	0 14	23 46	0 19	20 10	0 55	26 26	3 0	8 44	8 22	16 47		n.a.
M11	23 38	27 6	4 4	21 39	0 49	13 28	0 56	17 55	3 34	17 22	0 22	23 24	0 14	23 46	0 19	20 9	0 55	26 26	3 0	8 41	8 21	16 44		n.a.
T 12	23 34	28 29	4 40	21 12	0 42	13 5	1 4	18 1	3 34	17 22	0 22	23 24	0 14	23 46	0 19	20 9	0 55	26 26	3 0	8 38	8 19	16 41		n.a.
W13	23 31	27 55	4 59	20 45	0 35	12 41	1 12	18 7	3 34	17 21	0 22	23 25	0 14	23 46	0 19	20 8	0 55	26 26	3 0	8 34	8 18	16 38		n.a.
T 14	23 26	25 21	4 58	20 18	0 27	12 17	1 20	18 13	3 34	17 21	0 22	23 25	0 14	23 46	0 19	20 8	0 55	26 26	3 0	8 30	8 17	16 35		n.a.
F 15	23 22	21 3	4 36	19 49	0 20	11 53	1 28	18 19	3 34	17 20	0 22	23 26	0 14	23 46	0 19	20 7	0 55	26 27	3 0	8 26	8 16	16 33		n.a.
S 16	23 17	15 29	3 56	19 21	0 12	11 29	1 36	18 26	3 33	17 20	0 21	23 26	0 13	23 45	0 19	20 7	0 55	26 27	3 0	8 23	8 15	16 30		n.a.
S 17	23 11	9 7	3 2	18 51	0 3	11 6	1 44	18 32	3 33	17 20	0 21	23 27	0 13	23 45	0 19	20 6	0 55	26 27	3 0	8 22	8 13	16 27		n.a.
M18	23 6	2 24	1 56	18 22	0s 5	10 42	1 53	18 39	3 33	17 19	0 21	23 27	0 13	23 45	0 19	20 6	0 55	26 27	3 0	8 21	8 12	16 24		n.a.
T 19	22 59	4n18	0 45	17 52	0 14	10 18	2 2	18 46	3 33	17 19	0 21	23 28	0 13	23 45	0 19	20 5	0 55	26 28	3 0	8 21	8 11	16 21		n.a.
W20	22 53	10 39	0n27	17 22	0 23	9 54	2 10	18 53	3 33	17 19	0 21	23 28	0 13	23 45	0 19	20 5	0 55	26 28	3 1	8 21	8 10	16 18		n.a.
T 21	22 45	16 23	1 36	16 51	0 32	9 31	2 19	19 0	3 32	17 19	0 20	23 28	0 13	23 45	0 19	20 4	0 55	26 28	3 1	8 20	8 8	16 15		n.a.
F 22	22 38	21 15	2 38	16 21	0 41	9 7	2 29	19 7	3 32	17 19	0 20	23 29	0 13	23 44	0 19	20 4	0 55	26 28	3 1	8 19	8 7	16 13		n.a.
S 23	22 30	25 1	3 31	15 50	0 50	8 44	2 38	19 14	3 31	17 19	0 20	23 29	0 13	23 44	0 19	20 3	0 55	26 28	3 1	8 17	8 6	16 10		n.a.
S 24	22 22	27 29	4 13	15 20	0 59	8 21	2 47	19 21	3 31	17 19	0 20	23 30	0 13	23 44	0 19	20 3	0 55	26 29	3 1	8 14	8 5	16 7		n.a.
M25	22 13	28 31	4 42	14 50	1 9	7 58	2 57	19 29	3 31	17 19	0 20	23 30	0 13	23 44	0 19	20 2	0 55	26 29	3 1	8 10	8 4	16 4		n.a.
T 26	22 4	28 6	4 57	14 20	1 18	7 35	3 7	19 36	3 30	17 19	0 19	23 30	0 13	23 44	0 19	20 2	0 55	26 29	3 1	8 5	8 2	16 1		n.a.
W27	21 54	26 20	4 58	13 50	1 28	7 12	3 17	19 44	3 30	17 19	0 19	23 31	0 13	23 44	0 19	20 1	0 55	26 29	3 1	7 59	8 1	15 58		n.a.
T 28	21 45	23 22	4 46	13 21	1 38	6 50	3 27	19 51	3 29	17 19	0 19	23 31	0 12	23 44	0 19	20 1	0 55	26 30	3 1	7 54	8 0	15 55		n.a.
F 29	21 34	19 27	4 22	12 52	1 47	6 28	3 37	19 59	3 29	17 20	0 19	23 31	0 12	23 43	0 19	20 0	0 55	26 30	3 2	7 49	7 59	15 52		n.a.
S 30	21 24	14 48	3 46	12 24	1 57	6 7	3 47	20 6	3 28	17 20	0 19	23 32	0 12	23 43	0 19	19 59	0 55	26 30	3 2	7 46	7 58	15 49		n.a.
S 31	21n13	9n37	3n 0	11n57	2s 7	5n45	3s57	20s14	3s27	17s20	0n18	23n32	0s12	23s43	0s19	19n59	0n55	26n30	3n 2	7n43	7n56	15n46		n.a.

Julian Day Number = 1345396.5, Delta T = 07h12m03s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'17, Lahiri = -18°10'16 Julian Calendar 1 July 1030 BCE == Greg. Calendar 21 June 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

AUGUST 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 56 56	27♋21'17	24♍37	24♌16	6♍34	16♏37	18♏37	25♊31	19°R35	5♌56	20♊38	19°R20	19♈57	29♌ 2	n.a.	M 1
T 2	20 0 53	28°19'37	6♎30	25° 5	7° 2	17° 5	18°38	25°38	19♐33	5°59	20°39	19♈18	19°53	29° 9	n.a.	T 2
W 3	20 4 49	29°17'59	18°33	25°51	7°29	17°34	18°39	25°45	19°32	6° 1	20°41	19°D17	19°50	29°16	n.a.	W 3
T 4	20 8 46	0♌16'22	0♏50	26°34	7°54	18° 3	18°41	25°52	19°30	6° 3	20°42	19°R17	19°47	29°23	n.a.	T 4
F 5	20 12 42	1°14'47	13°27	27°12	8°18	18°33	18°42	25°59	19°28	6° 5	20°44	19°17	19°44	29°29	n.a.	F 5
S 6	20 16 39	2°13'14	26°28	27°47	8°40	19° 3	18°44	26° 6	19°27	6° 7	20°45	19°15	19°41	29°36	n.a.	S 6
S 7	20 20 36	3°11'43	9♐58	28°17	9° 0	19°33	18°46	26°12	19°25	6°10	20°46	19°10	19°38	29°43	n.a.	S 7
M 8	20 24 32	4°10'14	23°58	28°42	9°18	20° 4	18°49	26°19	19°24	6°12	20°47	19° 4	19°34	29°49	n.a.	M 8
T 9	20 28 29	5° 8'47	8♑27	29° 2	9°35	20°35	18°51	26°26	19°22	6°14	20°49	18°55	19°31	29°56	n.a.	T 9
W10	20 32 25	6° 7'21	23°20	29°17	9°49	21° 6	18°54	26°32	19°21	6°16	20°50	18°44	19°28	0♍ 3	n.a.	W10
T 11	20 36 22	7° 5'58	8♒28	29°27	10° 1	21°38	18°57	26°39	19°20	6°19	20°51	18°34	19°25	0° 9	n.a.	T 11
F 12	20 40 18	8° 4'36	23°42	29°R30	10°11	22°10	19° 0	26°45	19°18	6°21	20°53	18°24	19°22	0°16	n.a.	F 12
S 13	20 44 15	9° 3'17	8♓51	29°26	10°20	22°42	19° 3	26°52	19°17	6°23	20°54	18°17	19°18	0°23	n.a.	S 13
S 14	20 48 11	10° 2'00	23°45	29°16	10°25	23°15	19° 6	26°58	19°16	6°25	20°55	18°13	19°15	0°29	n.a.	S 14
M15	20 52 8	11° 0'45	8♈18	28°59	10°29	23°47	19°10	27° 4	19°15	6°28	20°56	18°11	19°12	0°36	n.a.	M15
T 16	20 56 4	11°59'32	22°26	28°35	10°R30	24°20	19°14	27°11	19°13	6°30	20°57	18°D10	19° 9	0°43	n.a.	T 16
W17	21 0 1	12°58'22	6♉10	28° 4	10°29	24°54	19°17	27°17	19°12	6°32	20°58	18°11	19° 6	0°50	n.a.	W17
T 18	21 3 58	13°57'15	19°30	27°25	10°26	25°27	19°22	27°23	19°11	6°34	21° 0	18°R11	19° 3	0°56	n.a.	T 18
F 19	21 7 54	14°56'10	2♊30	26°40	10°21	26° 1	19°26	27°29	19°10	6°36	21° 1	18° 9	18°59	1° 3	n.a.	F 19
S 20	21 11 51	15°55'07	15°12	25°48	10°13	26°36	19°30	27°35	19° 9	6°39	21° 2	18° 6	18°56	1°10	n.a.	S 20
S 21	21 15 47	16°54'07	27°41	24°51	10° 2	27°10	19°35	27°41	19° 8	6°41	21° 3	17°59	18°53	1°16	n.a.	S 21
M22	21 19 44	17°53'10	9♋58	23°49	9°49	27°45	19°40	27°47	19° 7	6°43	21° 4	17°51	18°50	1°23	n.a.	M22
T 23	21 23 40	18°52'14	22° 6	22°43	9°34	28°20	19°45	27°53	19° 7	6°45	21° 5	17°40	18°47	1°30	n.a.	T 23
W24	21 27 37	19°51'21	4♌ 8	21°36	9°17	28°55	19°50	27°59	19° 6	6°47	21° 6	17°29	18°44	1°36	n.a.	W24
T 25	21 31 33	20°50'30	16° 3	20°28	8°57	29°30	19°55	28° 4	19° 5	6°50	21° 7	17°18	18°40	1°43	n.a.	T 25
F 26	21 35 30	21°49'41	27°55	19°21	8°35	0♐ 6	20° 0	28°10	19° 4	6°52	21° 8	17° 8	18°37	1°50	n.a.	F 26
S 27	21 39 27	22°48'55	9♍44	18°17	8°11	0°42	20° 6	28°16	19° 4	6°54	21° 9	16°59	18°34	1°56	n.a.	S 27
S 28	21 43 23	23°48'10	21°33	17°19	7°45	1°18	20°12	28°21	19° 3	6°56	21°10	16°54	18°31	2° 3	n.a.	S 28
M29	21 47 20	24°47'27	3♎23	16°27	7°17	1°54	20°18	28°26	19° 2	6°58	21°11	16°50	18°28	2°10	n.a.	M29
T 30	21 51 16	25°46'47	15°19	15°43	6°48	2°31	20°24	28°32	19° 2	7° 0	21°11	16°D49	18°24	2°16	n.a.	T 30
W31	21 55 13	26♌46'08	27♎23	15♌ 8	6♍17	3♐ 7	20♏30	28♊37	19♐ 1	7♌ 3	21♊12	16♈50	18♈21	2♍23	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n 1	4n 6	2n 7	11n30	2s16	5n25	4s 8	20s22	3s27	17s21	0n18	23n32	0s12	23s43	0s19	19n58	0n55	26n30	3n 2	7n41	7n55	15n44		n.a.
T 2	20 49	1s36	1 7	11 5	2 26	5 4	4 19	20 30	3 26	17 21	0 18	23 33	0 12	23 43	0 19	19 58	0 55	26 31	3 2	7 40	7 54	15 41		n.a.
W 3	20 37	7 19	0 4	10 40	2 35	4 44	4 29	20 37	3 25	17 22	0 18	23 33	0 12	23 43	0 19	19 57	0 55	26 31	3 2	7 40	7 53	15 38		n.a.
T 4	20 25	12 54	1s 1	10 17	2 45	4 25	4 40	20 45	3 25	17 22	0 18	23 33	0 12	23 43	0 19	19 57	0 55	26 31	3 2	7 40	7 51	15 35		n.a.
F 5	20 12	18 6	2 4	9 55	2 54	4 6	4 51	20 53	3 24	17 23	0 17	23 34	0 12	23 42	0 19	19 56	0 55	26 31	3 2	7 40	7 50	15 32		n.a.
S 6	19 59	22 39	3 3	9 35	3 2	3 47	5 2	21 1	3 23	17 24	0 17	23 34	0 12	23 42	0 19	19 56	0 55	26 31	3 2	7 39	7 49	15 29		n.a.
S 7	19 45	26 10	3 55	9 17	3 11	3 30	5 13	21 9	3 23	17 25	0 17	23 34	0 12	23 42	0 19	19 55	0 55	26 32	3 3	7 37	7 48	15 26		n.a.
M 8	19 31	28 14	4 34	9 0	3 19	3 13	5 24	21 17	3 22	17 25	0 17	23 34	0 12	23 42	0 19	19 54	0 55	26 32	3 3	7 35	7 47	15 23		n.a.
T 9	19 17	28 29	4 57	8 46	3 27	2 56	5 35	21 24	3 21	17 26	0 17	23 35	0 12	23 42	0 19	19 54	0 55	26 32	3 3	7 31	7 45	15 20		n.a.
W10	19 2	26 42	5 1	8 34	3 34	2 40	5 46	21 32	3 20	17 27	0 16	23 35	0 11	23 42	0 19	19 53	0 55	26 32	3 3	7 27	7 44	15 17		n.a.
T 11	18 47	22 59	4 44	8 25	3 40	2 26	5 57	21 40	3 20	17 28	0 16	23 35	0 11	23 42	0 19	19 53	0 55	26 33	3 3	7 23	7 43	15 14		n.a.
F 12	18 32	17 42	4 7	8 19	3 46	2 12	6 8	21 48	3 19	17 29	0 16	23 35	0 11	23 42	0 19	19 52	0 55	26 33	3 3	7 20	7 42	15 11		n.a.
S 13	18 17	11 21	3 13	8 15	3 50	1 58	6 19	21 55	3 18	17 30	0 16	23 36	0 11	23 41	0 19	19 52	0 55	26 33	3 3	7 17	7 40	15 8		n.a.
S 14	18 1	4 26	2 6	8 15	3 54	1 46	6 30	22 3	3 17	17 31	0 16	23 36	0 11	23 41	0 19	19 51	0 55	26 33	3 3	7 15	7 39	15 5		n.a.
M15	17 45	2n33	0 52	8 19	3 57	1 35	6 41	22 11	3 16	17 33	0 16	23 36	0 11	23 41	0 19	19 51	0 55	26 33	3 4	7 14	7 38	15 2		n.a.
T 16	17 28	9 13	0n23	8 26	3 58	1 25	6 51	22 18	3 15	17 34	0 15	23 36	0 11	23 41	0 19	19 50	0 55	26 34	3 4	7 14	7 37	14 59		n.a.
W17	17 11	15 16	1 34	8 37	3 58	1 15	7 2	22 26	3 14	17 35	0 15	23 37	0 11	23 41	0 19	19 49	0 55	26 34	3 4	7 14	7 36	14 56		n.a.
T 18	16 54	20 26	2 39	8 52	3 56	1 7	7 12	22 33	3 14	17 36	0 15	23 37	0 11	23 41	0 19	19 49	0 55	26 34	3 4	7 14	7 34	14 53		n.a.
F 19	16 37	24 28	3 33	9 11	3 53	1 0	7 22	22 41	3 13	17 38	0 15	23 37	0 11	23 41	0 19	19 48	0 55	26 34	3 4	7 14	7 33	14 50		n.a.
S 20	16 19	27 13	4 16	9 34	3 47	0 54	7 31	22 48	3 12	17 39	0 15	23 37	0 11	23 41	0 19	19 48	0 55	26 34	3 4	7 12	7 32	14 47		n.a.
S 21	16 1	28 33	4 45	10 0	3 40	0 50	7 41	22 56	3 11	17 41	0 14	23 37	0 11	23 41	0 19	19 47	0 55	26 35	3 4	7 10	7 31	14 44		n.a.
M22	15 43	28 26	5 1	10 29	3 30	0 46	7 49	23 3	3 10	17 42	0 14	23 38	0 11	23 41	0 19	19 47	0 55	26 35	3 5	7 6	7 29	14 41		n.a.
T 23	15 24	26 57	5 3	11 2	3 19	0 44	7 58	23 10	3 9	17 44	0 14	23 38	0 10	23 41	0 19	19 46	0 55	26 35	3 5	7 2	7 28	14 38		n.a.
W24	15 6	24 14	4 51	11 36	3 5	0 43	8 6	23 17	3 8	17 45	0 14	23 38	0 10	23 40	0 19	19 46	0 55	26 35	3 5	6 58	7 27	14 35		n.a.
T 25	14 47	20 31	4 27	12 13	2 50	0 44	8 13	23 24	3 7	17 47	0 14	23 38	0 10	23 40	0 19	19 45	0 55	26 36	3 5	6 54	7 26	14 32		n.a.
F 26	14 27	15 59	3 51	12 50	2 33	0 46	8 20	23 31	3 6	17 48	0 14	23 38	0 10	23 40	0 19	19 45	0 55	26 36	3 5	6 50	7 25	14 29		n.a.
S 27	14 8	10 54	3 5	13 27	2 15	0 49	8 26	23 38	3 5	17 50	0 13	23 38	0 10	23 40	0 19	19 44	0 55	26 36	3 5	6 47	7 23	14 26		n.a.
S 28	13 48	5 25	2 12	14 3	1 56	0 54	8 31	23 44	3 4	17 52	0 13	23 39	0 10	23 40	0 19	19 43	0 55	26 36	3 5	6 44	7 22	14 23		n.a.
M29	13 28	0s16	1 12	14 37	1 37	1 0	8 36	23 51	3 3	17 54	0 13	23 39	0 10	23 40	0 19	19 43	0 55	26 36	3 6	6 43	7 21	14 20		n.a.
T 30	13 8	6 0	0 8	15 10	1 17	1 7	8 40	23 58	3 2	17 55	0 13	23 39	0 10	23 40	0 19	19 42	0 55	26 37	3 6	6 43	7 20	14 17		n.a.
W31	12n47	11s35	0s57	15n39	0s57	1n16	8s43	24s 4	3s 1	17s57	0n13	23n39	0s10	23s40	0s19	19n42	0n55	26n37	3n 6	6n43	7n18	14n14		n.a.

Julian Day Number = 1345427.5, Delta T = 07h12m01s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'13, Lahiri = -18°10'12 Julian Calendar 1 Aug. 1030 BCE == Greg. Calendar 22 July 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

SEPTEMBER 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 9	27♌45'32	9♏39	14°R43	5°R44	3♐44	20♏37	28♊42	19°R 1	7♌ 5	21♊13	16♈51	18♈18	2♍30	n.a.	T 1
F 2	22 3 6	28°44'57	22°14	14♌28	5♍10	4°21	20°43	28°47	19♐ 1	7° 7	21°14	16°52	18°15	2°37	n.a.	F 2
S 3	22 7 2	29°44'25	5♐10	14°D24	4°35	4°59	20°50	28°52	19° 0	7° 9	21°15	16°R52	18°12	2°43	n.a.	S 3
S 4	22 10 59	0♍43'54	18°33	14°32	4° 0	5°36	20°57	28°57	19° 0	7°11	21°15	16°50	18° 9	2°50	n.a.	S 4
M 5	22 14 55	1°43'25	2♑24	14°49	3°23	6°14	21° 4	29° 2	19° 0	7°13	21°16	16°47	18° 5	2°57	n.a.	M 5
T 6	22 18 52	2°42'58	16°45	15°17	2°47	6°51	21°11	29° 7	19° 0	7°15	21°17	16°42	18° 2	3° 3	n.a.	T 6
W 7	22 22 49	3°42'33	1♒31	15°54	2°10	7°29	21°18	29°12	19° 0	7°17	21°17	16°35	17°59	3°10	n.a.	W 7
T 8	22 26 45	4°42'10	16°37	16°40	1°34	8° 8	21°26	29°17	19° 0	7°19	21°18	16°29	17°56	3°17	n.a.	T 8
F 9	22 30 42	5°41'49	1♓54	17°34	0°58	8°46	21°33	29°21	19°D 0	7°21	21°19	16°23	17°53	3°23	n.a.	F 9
S 10	22 34 38	6°41'30	17°11	18°35	0°22	9°24	21°41	29°26	19° 0	7°23	21°19	16°19	17°49	3°30	n.a.	S 10
S 11	22 38 35	7°41'13	2♈17	19°43	29♌48	10° 3	21°49	29°30	19° 0	7°25	21°20	16°16	17°46	3°37	n.a.	S 11
M12	22 42 31	8°40'59	17° 4	20°56	29°15	10°42	21°57	29°34	19° 0	7°27	21°20	16°D15	17°43	3°43	n.a.	M12
T 13	22 46 28	9°40'47	1♉26	22°14	28°43	11°20	22° 5	29°38	19° 0	7°29	21°21	16°16	17°40	3°50	n.a.	T 13
W14	22 50 24	10°40'37	15°21	23°37	28°12	11°59	22°14	29°43	19° 0	7°31	21°22	16°17	17°37	3°57	n.a.	W14
T 15	22 54 21	11°40'29	28°49	25° 3	27°44	12°39	22°22	29°47	19° 1	7°33	21°22	16°19	17°34	4° 3	n.a.	T 15
F 16	22 58 18	12°40'24	11♊52	26°32	27°17	13°18	22°31	29°51	19° 1	7°35	21°22	16°R20	17°30	4°10	n.a.	F 16
S 17	23 2 14	13°40'22	24°34	28° 4	26°52	13°57	22°39	29°54	19° 1	7°37	21°23	16°19	17°27	4°17	n.a.	S 17
S 18	23 6 11	14°40'22	6♋58	29°37	26°29	14°37	22°48	29°58	19° 2	7°39	21°23	16°17	17°24	4°23	n.a.	S 18
M19	23 10 7	15°40'24	19° 9	1♍12	26° 9	15°16	22°57	0♋ 2	19° 2	7°41	21°24	16°13	17°21	4°30	n.a.	M19
T 20	23 14 4	16°40'28	1♌10	2°49	25°51	15°56	23° 6	0° 5	19° 3	7°42	21°24	16° 9	17°18	4°37	n.a.	T 20
W21	23 18 0	17°40'34	13° 5	4°27	25°35	16°36	23°15	0° 9	19° 4	7°44	21°24	16° 4	17°15	4°44	n.a.	W21
T 22	23 21 57	18°40'43	24°56	6° 5	25°22	17°16	23°25	0°12	19° 4	7°46	21°25	15°58	17°11	4°50	n.a.	T 22
F 23	23 25 53	19°40'54	6♍45	7°44	25°11	17°56	23°34	0°16	19° 5	7°48	21°25	15°54	17° 8	4°57	n.a.	F 23
S 24	23 29 50	20°41'06	18°35	9°23	25° 3	18°36	23°44	0°19	19° 6	7°50	21°25	15°50	17° 5	5° 4	n.a.	S 24
S 25	23 33 46	21°41'21	0♎28	11° 3	24°57	19°17	23°54	0°22	19° 6	7°51	21°25	15°48	17° 2	5°10	n.a.	S 25
M26	23 37 43	22°41'37	12°25	12°42	24°53	19°57	24° 3	0°25	19° 7	7°53	21°26	15°D47	16°59	5°17	n.a.	M26
T 27	23 41 40	23°41'56	24°28	14°22	24°D52	20°38	24°13	0°28	19° 8	7°55	21°26	15°47	16°55	5°24	n.a.	T 27
W28	23 45 36	24°42'16	6♏41	16° 1	24°53	21°18	24°23	0°31	19° 9	7°56	21°26	15°48	16°52	5°30	n.a.	W28
T 29	23 49 33	25°42'38	19° 5	17°41	24°57	21°59	24°33	0°33	19°10	7°58	21°26	15°50	16°49	5°37	n.a.	T 29
F 30	23 53 29	26♍43'01	1♐45	19♍20	25♌ 3	22♐40	24♏44	0♋36	19♐11	8♌ 0	21♊26	15♈51	16♈46	5♍44	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n27	16s50	2s 0	16n 5	0s37	1n26	8s45	24s10	3s 0	17s59	0n13	23n39	0s10	23s40	0s19	19n41	0n55	26n37	3n 6	6n43	7n17	14n11		n.a.
F 2	12 6	21 30	2 59	16 28	0 18	1 37	8 46	24 16	2 58	18 1	0 12	23 39	0 10	23 40	0 19	19 41	0 55	26 37	3 6	6 44	7 16	14 8		n.a.
S 3	11 45	25 17	3 51	16 46	0n 0	1 49	8 46	24 22	2 57	18 3	0 12	23 39	0 10	23 40	0 19	19 40	0 55	26 37	3 6	6 44	7 15	14 5		n.a.
S 4	11 23	27 50	4 32	17 0	0 17	2 3	8 46	24 28	2 56	18 5	0 12	23 39	0 9	23 40	0 19	19 40	0 55	26 38	3 6	6 43	7 13	14 2		n.a.
M 5	11 2	28 47	5 0	17 10	0 33	2 17	8 44	24 34	2 55	18 7	0 12	23 40	0 9	23 40	0 19	19 39	0 56	26 38	3 7	6 42	7 12	13 59		n.a.
T 6	10 40	27 52	5 9	17 16	0 47	2 32	8 42	24 39	2 54	18 9	0 12	23 40	0 9	23 40	0 19	19 39	0 56	26 38	3 7	6 40	7 11	13 56		n.a.
W 7	10 18	24 59	4 59	17 17	1 0	2 49	8 38	24 45	2 53	18 11	0 12	23 40	0 9	23 40	0 19	19 38	0 56	26 38	3 7	6 37	7 10	13 53		n.a.
T 8	9 56	20 21	4 28	17 14	1 12	3 6	8 34	24 50	2 52	18 13	0 11	23 40	0 9	23 40	0 19	19 38	0 56	26 38	3 7	6 35	7 9	13 50		n.a.
F 9	9 34	14 20	3 37	17 7	1 22	3 23	8 28	24 55	2 51	18 16	0 11	23 40	0 9	23 40	0 19	19 37	0 56	26 39	3 7	6 32	7 7	13 47		n.a.
S 10	9 12	7 27	2 31	16 56	1 31	3 42	8 22	25 0	2 50	18 18	0 11	23 40	0 9	23 40	0 19	19 37	0 56	26 39	3 7	6 31	7 6	13 44		n.a.
S 11	8 49	0 14	1 15	16 42	1 39	4 0	8 15	25 5	2 48	18 20	0 11	23 40	0 9	23 40	0 19	19 36	0 56	26 39	3 7	6 30	7 5	13 41		n.a.
M12	8 27	6n53	0n 4	16 24	1 45	4 19	8 7	25 10	2 47	18 22	0 11	23 40	0 9	23 40	0 19	19 36	0 56	26 39	3 8	6 29	7 4	13 37		n.a.
T 13	8 4	13 26	1 22	16 3	1 51	4 38	7 58	25 14	2 46	18 25	0 11	23 40	0 9	23 40	0 19	19 35	0 56	26 39	3 8	6 30	7 2	13 34		n.a.
W14	7 41	19 7	2 32	15 40	1 55	4 58	7 49	25 19	2 45	18 27	0 11	23 41	0 9	23 40	0 19	19 35	0 56	26 39	3 8	6 30	7 1	13 31		n.a.
T 15	7 18	23 39	3 31	15 13	1 58	5 17	7 39	25 23	2 44	18 29	0 10	23 41	0 9	23 40	0 19	19 34	0 56	26 40	3 8	6 31	7 0	13 28		n.a.
F 16	6 55	26 50	4 18	14 44	2 0	5 36	7 28	25 27	2 43	18 32	0 10	23 41	0 9	23 40	0 19	19 34	0 56	26 40	3 8	6 31	6 59	13 25		n.a.
S 17	6 31	28 32	4 50	14 13	2 1	5 55	7 17	25 31	2 41	18 34	0 10	23 41	0 8	23 40	0 19	19 33	0 56	26 40	3 8	6 31	6 57	13 22		n.a.
S 18	6 8	28 46	5 8	13 40	2 1	6 14	7 5	25 34	2 40	18 36	0 10	23 41	0 8	23 40	0 19	19 33	0 56	26 40	3 8	6 30	6 56	13 19		n.a.
M19	5 44	27 34	5 12	13 6	2 1	6 32	6 53	25 38	2 39	18 39	0 10	23 41	0 8	23 40	0 19	19 32	0 56	26 40	3 9	6 29	6 55	13 16		n.a.
T 20	5 20	25 7	5 2	12 29	2 0	6 50	6 40	25 41	2 38	18 41	0 10	23 41	0 8	23 40	0 18	19 32	0 56	26 41	3 9	6 27	6 54	13 13		n.a.
W21	4 57	21 36	4 39	11 52	1 58	7 7	6 27	25 44	2 37	18 44	0 9	23 41	0 8	23 40	0 18	19 32	0 56	26 41	3 9	6 25	6 53	13 10		n.a.
T 22	4 33	17 14	4 4	11 13	1 56	7 24	6 14	25 47	2 35	18 46	0 9	23 41	0 8	23 40	0 18	19 31	0 56	26 41	3 9	6 23	6 51	13 7		n.a.
F 23	4 9	12 14	3 18	10 33	1 53	7 40	6 1	25 49	2 34	18 49	0 9	23 41	0 8	23 40	0 18	19 31	0 56	26 41	3 9	6 21	6 50	13 3		n.a.
S 24	3 45	6 47	2 24	9 52	1 50	7 56	5 48	25 52	2 33	18 51	0 9	23 41	0 8	23 40	0 18	19 30	0 56	26 41	3 9	6 20	6 49	13 0		n.a.
S 25	3 21	1 5	1 23	9 10	1 46	8 10	5 34	25 54	2 32	18 54	0 9	23 41	0 8	23 40	0 18	19 30	0 56	26 41	3 10	6 19	6 48	12 57		n.a.
M26	2 57	4s42	0 19	8 28	1 42	8 24	5 20	25 56	2 31	18 57	0 9	23 42	0 8	23 40	0 18	19 29	0 56	26 42	3 10	6 18	6 46	12 54		n.a.
T 27	2 32	10 22	0s48	7 45	1 38	8 37	5 7	25 58	2 29	18 59	0 9	23 42	0 8	23 40	0 18	19 29	0 56	26 42	3 10	6 18	6 45	12 51		n.a.
W28	2 8	15 44	1 53	7 1	1 33	8 50	4 53	26 0	2 28	19 2	0 8	23 42	0 8	23 41	0 18	19 29	0 56	26 42	3 10	6 19	6 44	12 48		n.a.
T 29	1 44	20 33	2 54	6 17	1 28	9 1	4 40	26 1	2 27	19 5	0 8	23 42	0 7	23 41	0 18	19 28	0 56	26 42	3 10	6 20	6 43	12 45		n.a.
F 30	1n20	24s33	3s47	5n33	1n23	9n12	4s26	26s 2	2s26	19s 7	0n 8	23n42	0s 7	23s41	0s18	19n28	0n56	26n42	3n10	6n20	6n41	12n42		n.a.

Julian Day Number = 1345458.5, Delta T = 07h12m00s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'08, Lahiri = -18°10'08 Julian Calendar 1 Sept. 1030 BCE == Greg. Calendar 22 Aug. 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

OCTOBER 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 57 26	27♍43'26	14♐42	20♍59	25♌11	23♐21	24♏54	0♋38	19♐12	8♌ 1	21♊26	15♈52	16♈43	5♍50	n.a.	S 1
S 2	0 1 22	28°43'53	28° 0	22°37	25°22	24° 2	25° 5	0°41	19°14	8° 3	21°26	15°R53	16°40	5°57	n.a.	S 2
M 3	0 5 19	29°44'21	11♑41	24°16	25°34	24°43	25°15	0°43	19°15	8° 4	21°R26	15°53	16°36	6° 4	n.a.	M 3
T 4	0 9 15	0♎44'51	25°46	25°54	25°49	25°24	25°26	0°45	19°16	8° 6	21°26	15°51	16°33	6°10	n.a.	T 4
W 5	0 13 12	1°45'22	10♒15	27°32	26° 6	26° 6	25°37	0°47	19°17	8° 7	21°26	15°50	16°30	6°17	n.a.	W 5
T 6	0 17 9	2°45'55	25° 3	29° 9	26°25	26°47	25°48	0°49	19°19	8° 9	21°26	15°48	16°27	6°24	n.a.	T 6
F 7	0 21 5	3°46'29	10♓ 4	0♎46	26°46	27°28	25°59	0°51	19°20	8°10	21°26	15°47	16°24	6°30	n.a.	F 7
S 8	0 25 2	4°47'04	25°10	2°23	27° 8	28°10	26°10	0°53	19°22	8°12	21°26	15°46	16°21	6°37	n.a.	S 8
S 9	0 28 58	5°47'41	10♈13	3°59	27°33	28°51	26°21	0°54	19°23	8°13	21°26	15°D45	16°17	6°44	n.a.	S 9
M10	0 32 55	6°48'20	25° 2	5°36	27°59	29°33	26°32	0°56	19°25	8°14	21°25	15°45	16°14	6°50	n.a.	M10
T 11	0 36 51	7°49'01	9♉31	7°12	28°27	0♑14	26°43	0°57	19°26	8°16	21°25	15°46	16°11	6°57	n.a.	T 11
W12	0 40 48	8°49'43	23°36	8°47	28°57	0°56	26°55	0°58	19°28	8°17	21°25	15°46	16° 8	7° 4	n.a.	W12
T 13	0 44 44	9°50'27	7♊14	10°23	29°28	1°38	27° 6	0°59	19°30	8°18	21°25	15°47	16° 5	7°10	n.a.	T 13
F 14	0 48 41	10°51'13	20°25	11°58	0♍ 1	2°20	27°18	1° 1	19°31	8°20	21°24	15°47	16° 1	7°17	n.a.	F 14
S 15	0 52 38	11°52'00	3♋13	13°33	0°35	3° 2	27°30	1° 1	19°33	8°21	21°24	15°48	15°58	7°24	n.a.	S 15
S 16	0 56 34	12°52'50	15°40	15° 7	1°11	3°43	27°42	1° 2	19°35	8°22	21°24	15°R48	15°55	7°31	n.a.	S 16
M17	1 0 31	13°53'41	27°51	16°42	1°48	4°25	27°53	1° 3	19°37	8°23	21°23	15°48	15°52	7°37	n.a.	M17
T 18	1 4 27	14°54'34	9♌50	18°16	2°26	5° 7	28° 5	1° 4	19°39	8°24	21°23	15°48	15°49	7°44	n.a.	T 18
W19	1 8 24	15°55'28	21°42	19°50	3° 6	5°49	28°17	1° 4	19°41	8°25	21°23	15°D48	15°46	7°51	n.a.	W19
T 20	1 12 20	16°56'23	3♍30	21°24	3°47	6°32	28°30	1° 4	19°43	8°27	21°22	15°48	15°42	7°57	n.a.	T 20
F 21	1 16 17	17°57'21	15°20	22°58	4°29	7°14	28°42	1° 5	19°45	8°28	21°22	15°48	15°39	8° 4	n.a.	F 21
S 22	1 20 13	18°58'19	27°13	24°32	5°12	7°56	28°54	1° 5	19°47	8°29	21°21	15°48	15°36	8°11	n.a.	S 22
S 23	1 24 10	19°59'19	9♎12	26° 6	5°56	8°38	29° 6	1°R 5	19°49	8°30	21°21	15°48	15°33	8°17	n.a.	S 23
M24	1 28 7	21° 0'20	21°20	27°39	6°42	9°20	29°19	1° 5	19°51	8°31	21°20	15°R48	15°30	8°24	n.a.	M24
T 25	1 32 3	22° 1'22	3♏38	29°13	7°28	10° 3	29°31	1° 5	19°53	8°31	21°20	15°48	15°26	8°31	n.a.	T 25
W26	1 36 0	23° 2'26	16° 7	0♏46	8°15	10°45	29°44	1° 4	19°56	8°32	21°19	15°47	15°23	8°37	n.a.	W26
T 27	1 39 56	24° 3'30	28°48	2°20	9° 3	11°28	29°56	1° 4	19°58	8°33	21°18	15°46	15°20	8°44	n.a.	T 27
F 28	1 43 53	25° 4'36	11♐43	3°53	9°52	12°10	0♐ 9	1° 3	20° 0	8°34	21°18	15°45	15°17	8°51	n.a.	F 28
S 29	1 47 49	26° 5'42	24°52	5°26	10°42	12°53	0°22	1° 3	20° 3	8°35	21°17	15°44	15°14	8°57	n.a.	S 29
S 30	1 51 46	27° 6'49	8♑15	6°59	11°33	13°35	0°35	1° 2	20° 5	8°36	21°17	15°43	15°11	9° 4	n.a.	S 30
M31	1 55 42	28♎ 7'57	21♑55	8♏32	12♍24	14♑18	0♐47	1♋ 1	20♐ 8	8♌36	21♊16	15°D42	15♈ 7	9♍11	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n55	27s25	4s31	4n49	1n17	9n22	4s13	26s 3	2s24	19s10	0n 8	23n42	0s 7	23s41	0s18	19n27	0n56	26n42	3n10	6n21	6n40	12n38		n.a.
S 2	0 31	28 49	5 1	4 4	1 12	9 31	3 59	26 4	2 23	19 13	0 8	23 42	0 7	23 41	0 18	19 27	0 56	26 42	3 11	6 21	6 39	12 35		n.a.
M 3	0 6	28 32	5 16	3 19	1 6	9 39	3 46	26 5	2 22	19 15	0 8	23 42	0 7	23 41	0 18	19 27	0 56	26 43	3 11	6 21	6 38	12 32		n.a.
T 4	0s18	26 26	5 12	2 34	1 0	9 46	3 33	26 5	2 21	19 18	0 8	23 42	0 7	23 41	0 18	19 26	0 56	26 43	3 11	6 20	6 36	12 29		n.a.
W 5	0 43	22 34	4 48	1 49	0 54	9 53	3 20	26 5	2 20	19 21	0 8	23 42	0 7	23 41	0 18	19 26	0 56	26 43	3 11	6 20	6 35	12 26		n.a.
T 6	1 7	17 13	4 5	1 4	0 47	9 58	3 8	26 5	2 18	19 24	0 7	23 42	0 7	23 41	0 18	19 26	0 56	26 43	3 11	6 19	6 34	12 23		n.a.
F 7	1 31	10 46	3 5	0 19	0 41	10 3	2 55	26 5	2 17	19 26	0 7	23 42	0 7	23 41	0 18	19 25	0 57	26 43	3 11	6 18	6 33	12 20		n.a.
S 8	1 56	3 39	1 52	0s26	0 35	10 7	2 43	26 4	2 16	19 29	0 7	23 42	0 7	23 41	0 18	19 25	0 57	26 43	3 12	6 18	6 31	12 16		n.a.
S 9	2 20	3n38	0 31	1 11	0 28	10 9	2 31	26 4	2 15	19 32	0 7	23 42	0 7	23 42	0 18	19 25	0 57	26 44	3 12	6 18	6 30	12 13		n.a.
M10	2 45	10 38	0n51	1 55	0 22	10 11	2 19	26 3	2 13	19 35	0 7	23 43	0 6	23 42	0 18	19 24	0 57	26 44	3 12	6 18	6 29	12 10		n.a.
T 11	3 9	16 55	2 8	2 40	0 15	10 12	2 8	26 1	2 12	19 37	0 7	23 43	0 6	23 42	0 18	19 24	0 57	26 44	3 12	6 18	6 28	12 7		n.a.
W12	3 33	22 7	3 15	3 24	0 9	10 13	1 56	26 0	2 11	19 40	0 7	23 43	0 6	23 42	0 18	19 24	0 57	26 44	3 12	6 18	6 27	12 4		n.a.
T 13	3 57	25 57	4 9	4 8	0 2	10 12	1 45	25 58	2 10	19 43	0 6	23 43	0 6	23 42	0 18	19 23	0 57	26 44	3 12	6 18	6 25	12 1		n.a.
F 14	4 22	28 14	4 47	4 52	0s 4	10 10	1 34	25 56	2 8	19 46	0 6	23 43	0 6	23 42	0 18	19 23	0 57	26 44	3 12	6 19	6 24	11 57		n.a.
S 15	4 46	28 57	5 10	5 35	0 11	10 8	1 24	25 54	2 7	19 49	0 6	23 43	0 6	23 42	0 18	19 23	0 57	26 44	3 13	6 19	6 23	11 54		n.a.
S 16	5 10	28 8	5 18	6 19	0 17	10 5	1 13	25 52	2 6	19 52	0 6	23 43	0 6	23 43	0 18	19 22	0 57	26 44	3 13	6 19	6 22	11 51		n.a.
M17	5 34	25 59	5 11	7 1	0 24	10 1	1 3	25 49	2 5	19 54	0 6	23 43	0 6	23 43	0 18	19 22	0 57	26 45	3 13	6 19	6 20	11 48		n.a.
T 18	5 58	22 43	4 50	7 44	0 30	9 56	0 53	25 46	2 3	19 57	0 6	23 43	0 6	23 43	0 18	19 22	0 57	26 45	3 13	6 19	6 19	11 45		n.a.
W19	6 22	18 33	4 17	8 26	0 36	9 51	0 44	25 43	2 2	20 0	0 6	23 43	0 6	23 43	0 18	19 22	0 57	26 45	3 13	6 19	6 18	11 41		n.a.
T 20	6 45	13 42	3 34	9 8	0 42	9 45	0 35	25 40	2 1	20 3	0 6	23 43	0 6	23 43	0 18	19 21	0 57	26 45	3 13	6 19	6 17	11 38		n.a.
F 21	7 9	8 21	2 41	9 49	0 49	9 38	0 25	25 37	2 0	20 6	0 5	23 43	0 5	23 43	0 18	19 21	0 57	26 45	3 13	6 19	6 15	11 35		n.a.
S 22	7 33	2 40	1 41	10 30	0 55	9 30	0 17	25 33	1 58	20 9	0 5	23 44	0 5	23 43	0 18	19 21	0 57	26 45	3 14	6 19	6 14	11 32		n.a.
S 23	7 56	3s 9	0 37	11 10	1 1	9 21	0 8	25 29	1 57	20 12	0 5	23 44	0 5	23 44	0 18	19 21	0 57	26 45	3 14	6 19	6 13	11 29		n.a.
M24	8 19	8 55	0s31	11 50	1 6	9 12	0n 0	25 25	1 56	20 14	0 5	23 44	0 5	23 44	0 18	19 21	0 57	26 45	3 14	6 19	6 12	11 25		n.a.
T 25	8 43	14 27	1 37	12 29	1 12	9 2	0 9	25 20	1 55	20 17	0 5	23 44	0 5	23 44	0 18	19 20	0 57	26 46	3 14	6 19	6 10	11 22		n.a.
W26	9 6	19 29	2 40	13 8	1 18	8 52	0 17	25 16	1 53	20 20	0 5	23 44	0 5	23 44	0 18	19 20	0 57	26 46	3 14	6 19	6 9	11 19		n.a.
T 27	9 29	23 44	3 37	13 46	1 23	8 40	0 24	25 11	1 52	20 23	0 5	23 44	0 5	23 44	0 18	19 20	0 57	26 46	3 14	6 18	6 8	11 16		n.a.
F 28	9 51	26 53	4 23	14 24	1 28	8 29	0 32	25 6	1 51	20 26	0 5	23 44	0 5	23 44	0 18	19 20	0 57	26 46	3 15	6 18	6 7	11 13		n.a.
S 29	10 14	28 39	4 56	15 0	1 33	8 16	0 39	25 0	1 50	20 29	0 4	23 44	0 5	23 45	0 18	19 20	0 57	26 46	3 15	6 17	6 5	11 9		n.a.
S 30	10 36	28 47	5 14	15 36	1 38	8 3	0 46	24 55	1 49	20 32	0 4	23 44	0 5	23 45	0 18	19 19	0 57	26 46	3 15	6 17	6 4	11 6		n.a.
M31	10s59	27s11	5s15	16s12	1s43	7n49	0n53	24s49	1s47	20s34	0n 4	23n44	0s 5	23s45	0s18	19n19	0n57	26n46	3n15	6n16	6n 3	11n 3		n.a.

Julian Day Number = 1345488.5, Delta T = 07h11m58s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'04, Lahiri = -18°10'04 Julian Calendar 1 Oct. 1030 BCE == Greg. Calendar 21 Sept. 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

NOVEMBER 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 59 39	29♎ 9'05	5♒50	10♏ 5	13♍16	15♉ 0	1♐ 0	1°R 0	20♐10	8♑37	21°R15	15♈42	15♈ 4	9♍17	n.a.	T 1
W 2	2 3 36	0♏10'13	20° 1	11°38	14° 9	15°43	1°13	0♋59	20°13	8°38	21♊14	15°43	15° 1	9°24	n.a.	W 2
T 3	2 7 32	1°11'23	4♓25	13°11	15° 3	16°25	1°26	0°58	20°15	8°38	21°14	15°44	14°58	9°31	n.a.	T 3
F 4	2 11 29	2°12'32	19° 0	14°44	15°57	17° 8	1°40	0°57	20°18	8°39	21°13	15°45	14°55	9°37	n.a.	F 4
S 5	2 15 25	3°13'42	3♈41	16°16	16°52	17°51	1°53	0°55	20°20	8°39	21°12	15°46	14°52	9°44	n.a.	S 5
S 6	2 19 22	4°14'53	18°22	17°48	17°48	18°33	2° 6	0°54	20°23	8°40	21°11	15°R46	14°48	9°51	n.a.	S 6
M 7	2 23 18	5°16'05	2♉57	19°20	18°44	19°16	2°19	0°52	20°26	8°40	21°10	15°46	14°45	9°57	n.a.	M 7
T 8	2 27 15	6°17'17	17°18	20°52	19°41	19°59	2°32	0°50	20°28	8°41	21° 9	15°44	14°42	10° 4	n.a.	T 8
W 9	2 31 11	7°18'29	1♊21	22°23	20°39	20°41	2°46	0°48	20°31	8°41	21° 9	15°41	14°39	10°11	n.a.	W 9
T 10	2 35 8	8°19'43	15° 2	23°54	21°37	21°24	2°59	0°46	20°34	8°42	21° 8	15°38	14°36	10°17	n.a.	T 10
F 11	2 39 5	9°20'57	28°19	25°24	22°35	22° 7	3°13	0°44	20°37	8°42	21° 7	15°34	14°32	10°24	n.a.	F 11
S 12	2 43 1	10°22'12	11♋12	26°53	23°34	22°49	3°26	0°42	20°40	8°42	21° 6	15°31	14°29	10°31	n.a.	S 12
S 13	2 46 58	11°23'28	23°44	28°22	24°34	23°32	3°40	0°40	20°43	8°43	21° 5	15°28	14°26	10°37	n.a.	S 13
M14	2 50 54	12°24'44	5♌58	29°49	25°34	24°15	3°53	0°38	20°46	8°43	21° 4	15°27	14°23	10°44	n.a.	M14
T 15	2 54 51	13°26'01	17°58	1♐15	26°34	24°58	4° 7	0°35	20°49	8°43	21° 3	15°D27	14°20	10°51	n.a.	T 15
W16	2 58 47	14°27'18	29°50	2°40	27°35	25°40	4°20	0°33	20°52	8°43	21° 2	15°28	14°17	10°57	n.a.	W16
T 17	3 2 44	15°28'36	11♍38	4° 2	28°36	26°23	4°34	0°30	20°55	8°43	21° 1	15°29	14°13	11° 4	n.a.	T 17
F 18	3 6 41	16°29'54	23°28	5°22	29°38	27° 6	4°48	0°27	20°58	8°44	21° 0	15°31	14°10	11°11	n.a.	F 18
S 19	3 10 37	17°31'13	5♎24	6°40	0♎40	27°49	5° 1	0°24	21° 1	8°44	20°59	15°33	14° 7	11°17	n.a.	S 19
S 20	3 14 34	18°32'32	17°30	7°55	1°43	28°31	5°15	0°21	21° 4	8°44	20°57	15°R33	14° 4	11°24	n.a.	S 20
M21	3 18 30	19°33'51	29°49	9° 6	2°46	29°14	5°29	0°18	21° 7	8°R44	20°56	15°32	14° 1	11°31	n.a.	M21
T 22	3 22 27	20°35'11	12♏22	10°12	3°49	29°57	5°43	0°15	21°10	8°44	20°55	15°29	13°58	11°37	n.a.	T 22
W23	3 26 23	21°36'30	25°11	11°14	4°52	0♒40	5°57	0°12	21°13	8°44	20°54	15°25	13°54	11°44	n.a.	W23
T 24	3 30 20	22°37'50	8♐16	12°10	5°56	1°23	6°11	0° 9	21°16	8°43	20°53	15°19	13°51	11°51	n.a.	T 24
F 25	3 34 16	23°39'10	21°35	13° 0	7° 0	2° 5	6°25	0° 5	21°19	8°43	20°52	15°12	13°48	11°57	n.a.	F 25
S 26	3 38 13	24°40'29	5♉ 7	13°42	8° 5	2°48	6°38	0° 2	21°23	8°43	20°51	15° 5	13°45	12° 4	n.a.	S 26
S 27	3 42 10	25°41'48	18°50	14°16	9°10	3°31	6°52	29♊58	21°26	8°43	20°49	14°59	13°42	12°11	n.a.	S 27
M28	3 46 6	26°43'07	2♒41	14°41	10°15	4°14	7° 6	29°55	21°29	8°43	20°48	14°55	13°38	12°17	n.a.	M28
T 29	3 50 3	27°44'25	16°40	14°56	11°20	4°56	7°20	29°51	21°33	8°42	20°47	14°52	13°35	12°24	n.a.	T 29
W30	3 53 59	28♏45'43	0♓44	15°R 0	12♎26	5♒39	7♐34	29♊47	21♐36	8♑42	20♊46	14°D52	13♈32	12♍31	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s21	23 s54	4 s57	16 s46	1 s47	7n35	0n59	24 s43	1 s46	20 s37	0n 4	23n45	0 s 4	23 s45	0 s18	19n19	0n58	26n46	3n15	6n16	6n 2	11n 0		n.a.
W 2	11 43	19 10	4 22	17 20	1 52	7 20	1 5	24 37	1 45	20 40	0 4	23 45	0 4	23 45	0 18	19 19	0 58	26 46	3 15	6 17	6 0	10 57		n.a.
T 3	12 4	13 17	3 29	17 52	1 55	7 5	1 12	24 30	1 44	20 43	0 4	23 45	0 4	23 46	0 18	19 19	0 58	26 46	3 15	6 17	5 59	10 53		n.a.
F 4	12 26	6 36	2 23	18 24	1 59	6 49	1 17	24 24	1 42	20 46	0 4	23 45	0 4	23 46	0 18	19 19	0 58	26 46	3 15	6 18	5 58	10 50		n.a.
S 5	12 47	0n29	1 6	18 55	2 2	6 32	1 23	24 17	1 41	20 48	0 4	23 45	0 4	23 46	0 18	19 19	0 58	26 47	3 16	6 18	5 57	10 47		n.a.
S 6	13 8	7 32	0n14	19 25	2 5	6 15	1 29	24 10	1 40	20 51	0 4	23 45	0 4	23 46	0 18	19 19	0 58	26 47	3 16	6 18	5 55	10 44		n.a.
M 7	13 29	14 9	1 33	19 53	2 8	5 57	1 34	24 2	1 39	20 54	0 3	23 45	0 4	23 46	0 18	19 18	0 58	26 47	3 16	6 18	5 54	10 40		n.a.
T 8	13 50	19 54	2 45	20 21	2 10	5 39	1 39	23 55	1 38	20 57	0 3	23 45	0 4	23 46	0 18	19 18	0 58	26 47	3 16	6 17	5 53	10 37		n.a.
W 9	14 10	24 26	3 45	20 47	2 12	5 21	1 44	23 47	1 36	21 0	0 3	23 45	0 4	23 47	0 18	19 18	0 58	26 47	3 16	6 16	5 52	10 34		n.a.
T 10	14 30	27 27	4 31	21 12	2 14	5 2	1 48	23 39	1 35	21 2	0 3	23 46	0 4	23 47	0 18	19 18	0 58	26 47	3 16	6 15	5 50	10 31		n.a.
F 11	14 50	28 49	5 0	21 35	2 14	4 43	1 53	23 31	1 34	21 5	0 3	23 46	0 3	23 47	0 18	19 18	0 58	26 47	3 16	6 13	5 49	10 27		n.a.
S 12	15 10	28 33	5 13	21 57	2 15	4 23	1 57	23 23	1 33	21 8	0 3	23 46	0 3	23 47	0 18	19 18	0 58	26 47	3 17	6 12	5 48	10 24		n.a.
S 13	15 29	26 48	5 11	22 18	2 15	4 2	2 1	23 14	1 32	21 10	0 3	23 46	0 3	23 47	0 18	19 18	0 58	26 47	3 17	6 11	5 47	10 21		n.a.
M14	15 48	23 50	4 55	22 37	2 14	3 42	2 5	23 5	1 30	21 13	0 3	23 46	0 3	23 48	0 18	19 18	0 58	26 47	3 17	6 10	5 45	10 18		n.a.
T 15	16 7	19 53	4 25	22 54	2 13	3 21	2 9	22 56	1 29	21 16	0 2	23 46	0 3	23 48	0 18	19 18	0 58	26 47	3 17	6 10	5 44	10 14		n.a.
W16	16 26	15 13	3 45	23 9	2 11	2 59	2 12	22 47	1 28	21 19	0 2	23 46	0 3	23 48	0 18	19 18	0 58	26 47	3 17	6 11	5 43	10 11		n.a.
T 17	16 44	10 0	2 55	23 23	2 8	2 38	2 15	22 38	1 27	21 21	0 2	23 46	0 3	23 48	0 18	19 18	0 58	26 47	3 17	6 12	5 42	10 8		n.a.
F 18	17 2	4 26	1 58	23 35	2 4	2 15	2 18	22 28	1 26	21 24	0 2	23 46	0 3	23 49	0 18	19 18	0 58	26 47	3 17	6 12	5 40	10 5		n.a.
S 19	17 20	1 s20	0 55	23 44	2 0	1 53	2 21	22 19	1 25	21 27	0 2	23 47	0 3	23 49	0 18	19 18	0 58	26 47	3 17	6 13	5 39	10 1		n.a.
S 20	17 37	7 8	0 s11	23 52	1 55	1 30	2 24	22 9	1 23	21 29	0 2	23 47	0 3	23 49	0 18	19 18	0 58	26 47	3 18	6 13	5 38	9 58		n.a.
M21	17 54	12 47	1 17	23 57	1 48	1 7	2 27	21 59	1 22	21 32	0 2	23 47	0 2	23 49	0 18	19 18	0 58	26 47	3 18	6 13	5 37	9 55		n.a.
T 22	18 11	18 2	2 21	24 0	1 41	0 44	2 29	21 48	1 21	21 34	0 2	23 47	0 2	23 49	0 18	19 18	0 58	26 48	3 18	6 11	5 35	9 51		n.a.
W23	18 27	22 35	3 19	24 1	1 33	0 21	2 31	21 38	1 20	21 37	0 2	23 47	0 2	23 50	0 18	19 18	0 59	26 48	3 18	6 10	5 34	9 48		n.a.
T 24	18 43	26 7	4 8	23 59	1 23	0 s 3	2 33	21 27	1 19	21 39	0 1	23 47	0 2	23 50	0 18	19 18	0 59	26 48	3 18	6 7	5 33	9 45		n.a.
F 25	18 59	28 16	4 44	23 55	1 12	0 27	2 35	21 16	1 18	21 42	0 1	23 47	0 2	23 50	0 18	19 18	0 59	26 48	3 18	6 5	5 32	9 42		n.a.
S 26	19 14	28 48	5 5	23 48	1 0	0 51	2 37	21 5	1 17	21 45	0 1	23 47	0 2	23 50	0 18	19 19	0 59	26 48	3 18	6 2	5 30	9 38		n.a.
S 27	19 29	27 34	5 9	23 39	0 47	1 16	2 39	20 54	1 15	21 47	0 1	23 47	0 2	23 50	0 18	19 19	0 59	26 48	3 18	6 0	5 29	9 35		n.a.
M28	19 44	24 39	4 55	23 28	0 32	1 40	2 40	20 42	1 14	21 50	0 1	23 48	0 2	23 51	0 18	19 19	0 59	26 48	3 18	5 58	5 28	9 32		n.a.
T 29	19 58	20 16	4 24	23 13	0 16	2 5	2 41	20 31	1 13	21 52	0 1	23 48	0 2	23 51	0 18	19 19	0 59	26 48	3 19	5 57	5 27	9 28		n.a.
W30	20 s12	14 s45	3 s36	22 s57	0n 1	2 s30	2n43	20 s19	1 s12	21 s54	0n 1	23n48	0 s 1	23 s51	0 s18	19n19	0n59	26n48	3n19	5n57	5n25	9n25		n.a.

Julian Day Number = 1345519.5, Delta T = 07h11m57s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°17'00, Lahiri = -18°10'00 Julian Calendar 1 Nov. 1030 BCE == Greg. Calendar 22 Oct. 1030 BCE

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ASTRODIENST EPHEMERIS for the year 1030 BCE
geocentric

DECEMBER 1030 BCE (-1029) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 57 56	29♏46'59	14♓52	14°R52	13♎32	6♒22	7♐48	29°R43	21♐39	8°R42	20°R45	14♈53	13♈29	12♍37	n.a.	T 1
F 2	4 1 52	0♐48'15	29° 4	14♐33	14°38	7° 5	8° 2	29♊39	21°42	8♌41	20♊43	14°54	13°26	12°44	n.a.	F 2
S 3	4 5 49	1°49'31	13♈17	14° 2	15°44	7°47	8°17	29°35	21°46	8°41	20°42	14°R55	13°23	12°51	n.a.	S 3
S 4	4 9 46	2°50'46	27°29	13°19	16°50	8°30	8°31	29°31	21°49	8°41	20°41	14°54	13°19	12°57	n.a.	S 4
M 5	4 13 42	3°52'00	11♉37	12°26	17°57	9°13	8°45	29°27	21°53	8°40	20°39	14°51	13°16	13° 4	n.a.	M 5
T 6	4 17 39	4°53'14	25°36	11°24	19° 4	9°56	8°59	29°23	21°56	8°40	20°38	14°46	13°13	13°11	n.a.	T 6
W 7	4 21 35	5°54'27	9♊22	10°14	20°11	10°38	9°13	29°19	21°59	8°39	20°37	14°38	13°10	13°17	n.a.	W 7
T 8	4 25 32	6°55'39	22°53	8°58	21°19	11°21	9°27	29°14	22° 3	8°38	20°36	14°29	13° 7	13°24	n.a.	T 8
F 9	4 29 28	7°56'51	6♋ 4	7°40	22°26	12° 4	9°41	29°10	22° 6	8°38	20°34	14°19	13° 4	13°31	n.a.	F 9
S 10	4 33 25	8°58'03	18°56	6°21	23°34	12°46	9°55	29° 6	22°10	8°37	20°33	14° 9	13° 0	13°37	n.a.	S 10
S 11	4 37 22	9°59'14	1♌29	5° 4	24°42	13°29	10° 9	29° 1	22°13	8°37	20°32	14° 1	12°57	13°44	n.a.	S 11
M12	4 41 18	11° 0'24	13°44	3°52	25°50	14°12	10°23	28°57	22°17	8°36	20°30	13°55	12°54	13°51	n.a.	M12
T 13	4 45 15	12° 1'34	25°46	2°45	26°59	14°54	10°37	28°52	22°20	8°35	20°29	13°51	12°51	13°57	n.a.	T 13
W14	4 49 11	13° 2'44	7♍38	1°46	28° 7	15°37	10°52	28°47	22°24	8°34	20°28	13°49	12°48	14° 4	n.a.	W14
T 15	4 53 8	14° 3'52	19°27	0°55	29°16	16°19	11° 6	28°43	22°27	8°34	20°26	13°D49	12°44	14°11	n.a.	T 15
F 16	4 57 4	15° 5'00	1♎17	0°13	0♏25	17° 2	11°20	28°38	22°31	8°33	20°25	13°50	12°41	14°17	n.a.	F 16
S 17	5 1 1	16° 6'08	13°13	29♏40	1°34	17°44	11°34	28°33	22°34	8°32	20°24	13°R51	12°38	14°24	n.a.	S 17
S 18	5 4 57	17° 7'14	25°22	29°17	2°43	18°27	11°48	28°29	22°38	8°31	20°22	13°50	12°35	14°31	n.a.	S 18
M19	5 8 54	18° 8'20	7♏47	29° 2	3°52	19° 9	12° 2	28°24	22°41	8°30	20°21	13°47	12°32	14°37	n.a.	M19
T 20	5 12 51	19° 9'25	20°32	28°D56	5° 1	19°52	12°16	28°19	22°45	8°29	20°20	13°42	12°29	14°44	n.a.	T 20
W21	5 16 47	20°10'30	3♐37	28°58	6°11	20°34	12°30	28°14	22°48	8°28	20°18	13°34	12°25	14°51	n.a.	W21
T 22	5 20 44	21°11'33	17° 4	29° 8	7°21	21°17	12°44	28° 9	22°52	8°27	20°17	13°23	12°22	14°57	n.a.	T 22
F 23	5 24 40	22°12'35	0♑49	29°25	8°30	21°59	12°58	28° 5	22°55	8°26	20°16	13°11	12°19	15° 4	n.a.	F 23
S 24	5 28 37	23°13'36	14°49	29°48	9°40	22°42	13°12	28° 0	22°59	8°25	20°14	13° 0	12°16	15°11	n.a.	S 24
S 25	5 32 33	24°14'36	29° 0	0♐17	10°50	23°24	13°26	27°55	23° 2	8°24	20°13	12°49	12°13	15°17	n.a.	S 25
M26	5 36 30	25°15'34	13♒15	0°51	12° 0	24° 6	13°40	27°50	23° 6	8°23	20°11	12°41	12°10	15°24	n.a.	M26
T 27	5 40 27	26°16'31	27°31	1°30	13°10	24°49	13°54	27°45	23° 9	8°22	20°10	12°35	12° 6	15°31	n.a.	T 27
W28	5 44 23	27°17'25	11♓44	2°14	14°20	25°31	14° 8	27°40	23°13	8°21	20° 9	12°32	12° 3	15°37	n.a.	W28
T 29	5 48 20	28°18'19	25°51	3° 1	15°31	26°13	14°22	27°35	23°16	8°20	20° 7	12°D31	12° 0	15°44	n.a.	T 29
F 30	5 52 16	29°19'10	9♈53	3°53	16°41	26°56	14°36	27°30	23°20	8°19	20° 6	12°R31	11°57	15°51	n.a.	F 30
S 31	5 56 13	0♑20'00	23♈48	4♐47	17♏52	27♒38	14♐50	27♊25	23♐23	8♌17	20♊ 5	12♈31	11♈54	15♍57	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	20s26	8s26	2s35	22s38	0n19	2s55	2n44	20s 7	1s11	21s57	0n 1	23n48	0s 1	23s51	0s18	19n19	0n59	26n48	3n19	5n57	5n24	9n22			n.a.
F 2	20 39	1 40	1 25	22 17	0 38	3 20	2 44	19 55	1 10	21 59	0 1	23 48	0 1	23 52	0 18	19 19	0 59	26 48	3 19	5 58	5 23	9 19			n.a.
S 3	20 51	5n11	0 9	21 54	0 57	3 45	2 45	19 43	1 9	22 2	0 0	23 48	0 1	23 52	0 18	19 19	0 59	26 48	3 19	5 58	5 22	9 15			n.a.
S 4	21 4	11 47	1n 7	21 29	1 17	4 11	2 46	19 31	1 8	22 4	0 0	23 48	0 1	23 52	0 18	19 20	0 59	26 48	3 19	5 58	5 20	9 12			n.a.
M 5	21 16	17 45	2 19	21 3	1 36	4 36	2 46	19 18	1 6	22 6	0 0	23 48	0 1	23 52	0 18	19 20	0 59	26 48	3 19	5 56	5 19	9 9			n.a.
T 6	21 27	22 43	3 21	20 36	1 56	5 1	2 46	19 5	1 5	22 9	0 0	23 48	0 1	23 52	0 18	19 20	0 59	26 48	3 19	5 54	5 18	9 5			n.a.
W 7	21 38	26 20	4 10	20 8	2 14	5 27	2 46	18 53	1 4	22 11	0 0	23 48	0 1	23 53	0 18	19 20	0 59	26 48	3 19	5 51	5 17	9 2			n.a.
T 8	21 49	28 22	4 45	19 40	2 30	5 52	2 46	18 40	1 3	22 13	0s 0	23 48	0 1	23 53	0 18	19 20	0 59	26 48	3 19	5 48	5 15	8 59			n.a.
F 9	21 59	28 43	5 3	19 13	2 45	6 18	2 46	18 26	1 2	22 16	0 0	23 49	0 0	23 53	0 18	19 20	0 59	26 48	3 20	5 44	5 14	8 55			n.a.
S 10	22 9	27 29	5 5	18 47	2 58	6 44	2 46	18 13	1 1	22 18	0 0	23 49	0 0	23 53	0 18	19 21	0 59	26 48	3 20	5 40	5 13	8 52			n.a.
S 11	22 18	24 53	4 52	18 23	3 9	7 9	2 46	18 0	1 0	22 20	0 0	23 49	0 0	23 53	0 18	19 21	0 59	26 48	3 20	5 37	5 12	8 49			n.a.
M12	22 27	21 12	4 26	18 2	3 17	7 35	2 45	17 46	0 59	22 22	0 1	23 49	0 0	23 54	0 18	19 21	0 59	26 48	3 20	5 34	5 10	8 45			n.a.
T 13	22 35	16 42	3 48	17 44	3 22	8 0	2 45	17 33	0 58	22 24	0 1	23 49	0 0	23 54	0 18	19 21	0 59	26 48	3 20	5 33	5 9	8 42			n.a.
W14	22 43	11 38	3 1	17 29	3 26	8 26	2 44	17 19	0 57	22 26	0 1	23 49	0n 0	23 54	0 18	19 22	0 59	26 48	3 20	5 32	5 8	8 39			n.a.
T 15	22 51	6 11	2 7	17 17	3 27	8 51	2 43	17 5	0 56	22 29	0 1	23 49	0 0	23 54	0 18	19 22	0 59	26 48	3 20	5 32	5 7	8 35			n.a.
F 16	22 58	0 30	1 7	17 10	3 26	9 16	2 42	16 51	0 55	22 31	0 1	23 49	0 0	23 55	0 18	19 22	0 59	26 48	3 20	5 33	5 5	8 32			n.a.
S 17	23 5	5s15	0 3	17 5	3 24	9 41	2 41	16 37	0 54	22 33	0 1	23 49	0 0	23 55	0 18	19 22	1 0	26 48	3 20	5 33	5 4	8 29			n.a.
S 18	23 11	10 55	1s 1	17 4	3 20	10 7	2 40	16 22	0 53	22 35	0 1	23 49	0 1	23 55	0 18	19 23	1 0	26 48	3 20	5 32	5 3	8 25			n.a.
M19	23 17	16 17	2 4	17 6	3 14	10 31	2 38	16 8	0 52	22 37	0 1	23 49	0 1	23 55	0 18	19 23	1 0	26 48	3 20	5 31	5 2	8 22			n.a.
T 20	23 22	21 5	3 2	17 11	3 8	10 56	2 37	15 53	0 51	22 39	0 1	23 49	0 1	23 55	0 18	19 23	1 0	26 48	3 21	5 29	5 0	8 19			n.a.
W21	23 27	25 1	3 52	17 18	3 1	11 21	2 36	15 39	0 50	22 41	0 2	23 49	0 1	23 56	0 18	19 23	1 0	26 48	3 21	5 26	4 59	8 15			n.a.
T 22	23 31	27 40	4 31	17 28	2 53	11 45	2 34	15 24	0 49	22 43	0 2	23 49	0 1	23 56	0 18	19 24	1 0	26 48	3 21	5 22	4 58	8 12			n.a.
F 23	23 35	28 44	4 55	17 40	2 44	12 10	2 32	15 9	0 47	22 45	0 2	23 49	0 1	23 56	0 18	19 24	1 0	26 47	3 21	5 17	4 57	8 9			n.a.
S 24	23 39	27 58	5 2	17 54	2 35	12 34	2 31	14 54	0 46	22 47	0 2	23 49	0 1	23 56	0 18	19 24	1 0	26 47	3 21	5 13	4 55	8 5			n.a.
S 25	23 42	25 24	4 50	18 9	2 26	12 58	2 29	14 39	0 45	22 48	0 2	23 49	0 1	23 56	0 18	19 25	1 0	26 47	3 21	5 8	4 54	8 2			n.a.
M26	23 44	21 15	4 20	18 26	2 16	13 21	2 27	14 24	0 44	22 50	0 2	23 50	0 1	23 57	0 18	19 25	1 0	26 47	3 21	5 5	4 53	7 59			n.a.
T 27	23 46	15 52	3 34	18 43	2 7	13 45	2 25	14 8	0 44	22 52	0 2	23 50	0 2	23 57	0 18	19 25	1 0	26 47	3 21	5 3	4 52	7 55			n.a.
W28	23 47	9 40	2 35	19 2	1 57	14 8	2 23	13 53	0 43	22 54	0 2	23 50	0 2	23 57	0 18	19 26	1 0	26 47	3 21	5 2	4 50	7 52			n.a.
T 29	23 49	3 0	1 27	19 21	1 47	14 30	2 20	13 38	0 42	22 56	0 2	23 50	0 2	23 57	0 18	19 26	1 0	26 47	3 21	5 1	4 49	7 49			n.a.
F 30	23 49	3n46	0 14	19 41	1 37	14 53	2 18	13 22	0 41	22 57	0 3	23 50	0 2	23 57	0 18	19 26	1 0	26 47	3 21	5 1	4 48	7 45			n.a.
S 31	23s49	10n18	0n59	20s 0	1n27	15s15	2n16	13s 6	0s40	22s59	0s 3	23n50	0n 2	23s57	0s18	19n27	1n 0	26n47	3n21	5n 1	4n46	7n42			n.a.

Julian Day Number = 1345549.5, Delta T = 07h11m55s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'56, Lahiri = -18°09'56 Julian Calendar 1 Dec. 1030 BCE == Greg. Calendar 21 Nov. 1030 BCE

The year -1029 astronomical counting style corresponds to year 1030 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

JANUARY 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 9	1♉20'48	7♉36	5♐45	19♏ 2	28♒20	15♐ 4	27°R20	23♐27	8°R16	20°R 3	12°R29	11♈50	16♍ 4	n.a.	S 1
M 2	6 4 6	2°21'35	21°16	6°46	20°13	29° 2	15°18	27♊16	23°30	8♌15	20♊ 2	12♈24	11°47	16°11	n.a.	M 2
T 3	6 8 2	3°22'20	4♊49	7°49	21°24	29°44	15°32	27°11	23°34	8°14	20° 1	12°17	11°44	16°17	n.a.	T 3
W 4	6 11 59	4°23'03	18°11	8°54	22°34	0♓26	15°45	27° 6	23°37	8°12	20° 0	12° 6	11°41	16°24	n.a.	W 4
T 5	6 15 56	5°23'44	1♋20	10° 2	23°45	1° 9	15°59	27° 1	23°41	8°11	19°58	11°53	11°38	16°31	n.a.	T 5
F 6	6 19 52	6°24'24	14°16	11°12	24°56	1°51	16°13	26°56	23°44	8°10	19°57	11°39	11°35	16°37	n.a.	F 6
S 7	6 23 49	7°25'03	26°58	12°23	26° 7	2°33	16°26	26°51	23°48	8° 8	19°56	11°26	11°31	16°44	n.a.	S 7
S 8	6 27 45	8°25'40	9♌23	13°37	27°18	3°15	16°40	26°47	23°51	8° 7	19°54	11°14	11°28	16°51	n.a.	S 8
M 9	6 31 42	9°26'15	21°35	14°52	28°30	3°57	16°54	26°42	23°54	8° 6	19°53	11° 4	11°25	16°57	n.a.	M 9
T 10	6 35 38	10°26'49	3♍35	16° 9	29°41	4°39	17° 7	26°37	23°58	8° 4	19°52	10°57	11°22	17° 4	n.a.	T 10
W11	6 39 35	11°27'21	15°27	17°27	0♐52	5°21	17°21	26°32	24° 1	8° 3	19°51	10°53	11°19	17°11	n.a.	W11
T 12	6 43 31	12°27'51	27°15	18°47	2° 4	6° 2	17°34	26°28	24° 5	8° 1	19°49	10°51	11°16	17°17	n.a.	T 12
F 13	6 47 28	13°28'21	9♎ 4	20° 7	3°15	6°44	17°48	26°23	24° 8	8° 0	19°48	10°50	11°12	17°24	n.a.	F 13
S 14	6 51 25	14°28'48	21° 0	21°30	4°26	7°26	18° 1	26°19	24°11	7°58	19°47	10°50	11° 9	17°31	n.a.	S 14
S 15	6 55 21	15°29'14	3♏ 8	22°53	5°38	8° 8	18°15	26°14	24°15	7°57	19°46	10°49	11° 6	17°37	n.a.	S 15
M16	6 59 18	16°29'39	15°33	24°18	6°50	8°50	18°28	26°10	24°18	7°55	19°45	10°47	11° 3	17°44	n.a.	M16
T 17	7 3 14	17°30'02	28°21	25°44	8° 1	9°32	18°41	26° 5	24°21	7°54	19°43	10°41	11° 0	17°51	n.a.	T 17
W18	7 7 11	18°30'24	11♐34	27°11	9°13	10°13	18°54	26° 1	24°25	7°52	19°42	10°33	10°56	17°57	n.a.	W18
T 19	7 11 7	19°30'43	25°12	28°39	10°25	10°55	19° 8	25°57	24°28	7°51	19°41	10°23	10°53	18° 4	n.a.	T 19
F 20	7 15 4	20°31'01	9♑16	0♑ 8	11°36	11°37	19°21	25°52	24°31	7°49	19°40	10°11	10°50	18°11	n.a.	F 20
S 21	7 19 0	21°31'17	23°39	1°39	12°48	12°18	19°34	25°48	24°34	7°48	19°39	9°59	10°47	18°17	n.a.	S 21
S 22	7 22 57	22°31'32	8♒16	3°10	14° 0	13° 0	19°47	25°44	24°38	7°46	19°38	9°48	10°44	18°24	n.a.	S 22
M23	7 26 54	23°31'44	22°58	4°42	15°12	13°42	20° 0	25°40	24°41	7°44	19°37	9°39	10°41	18°30	n.a.	M23
T 24	7 30 50	24°31'53	7♓40	6°16	16°24	14°23	20°13	25°36	24°44	7°43	19°35	9°33	10°37	18°37	n.a.	T 24
W25	7 34 47	25°32'01	22°13	7°51	17°36	15° 5	20°25	25°32	24°47	7°41	19°34	9°30	10°34	18°44	n.a.	W25
T 26	7 38 43	26°32'06	6♈34	9°26	18°48	15°46	20°38	25°28	24°50	7°40	19°33	9°D29	10°31	18°50	n.a.	T 26
F 27	7 42 40	27°32'09	20°40	11° 3	20° 0	16°28	20°51	25°24	24°53	7°38	19°32	9°R29	10°28	18°57	n.a.	F 27
S 28	7 46 36	28°32'10	4♉32	12°41	21°12	17° 9	21° 4	25°21	24°57	7°36	19°31	9°29	10°25	19° 4	n.a.	S 28
S 29	7 50 33	29°32'08	18° 9	14°20	22°24	17°50	21°16	25°17	25° 0	7°35	19°30	9°27	10°22	19°10	n.a.	S 29
M30	7 54 29	0♒32'04	1♊32	16° 0	23°36	18°32	21°29	25°14	25° 3	7°33	19°29	9°24	10°18	19°17	n.a.	M30
T 31	7 58 26	1♒31'57	14♊44	17♑41	24♐48	19♓13	21♐41	25♊10	25♐ 6	7♌31	19♊28	9♈17	10♈15	19♍24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s49	16n17	2n 8	20s21	1n17	15s37	2n14	12s51	0s39	23s 1	0s 3	23n50	0n 2	23s58	0s18	19n27	1n 0	26n47	3n21	5n 1	4n45	7n38			n.a.
M 2	23 48	21 24	3 9	20 41	1 7	15 59	2 11	12 35	0 38	23 2	0 3	23 50	0 2	23 58	0 18	19 27	1 0	26 47	3 21	4 59	4 44	7 35			n.a.
T 3	23 47	25 21	3 59	21 1	0 58	16 20	2 9	12 19	0 37	23 4	0 3	23 50	0 2	23 58	0 18	19 28	1 0	26 47	3 21	4 56	4 43	7 32			n.a.
W 4	23 45	27 50	4 35	21 21	0 48	16 41	2 6	12 3	0 36	23 6	0 3	23 50	0 2	23 58	0 18	19 28	1 0	26 47	3 21	4 51	4 41	7 28			n.a.
T 5	23 42	28 44	4 55	21 40	0 39	17 1	2 3	11 47	0 35	23 7	0 3	23 50	0 3	23 58	0 18	19 29	1 0	26 47	3 21	4 46	4 40	7 25			n.a.
F 6	23 40	28 0	5 0	21 59	0 29	17 21	2 1	11 31	0 34	23 9	0 3	23 50	0 3	23 59	0 18	19 29	1 0	26 47	3 22	4 41	4 39	7 22			n.a.
S 7	23 36	25 49	4 49	22 18	0 20	17 41	1 58	11 15	0 33	23 10	0 3	23 50	0 3	23 59	0 18	19 29	1 0	26 47	3 22	4 35	4 38	7 18			n.a.
S 8	23 33	22 26	4 25	22 36	0 12	18 0	1 55	10 58	0 32	23 12	0 4	23 50	0 3	23 59	0 18	19 30	1 0	26 47	3 22	4 31	4 36	7 15			n.a.
M 9	23 29	18 8	3 49	22 54	0 3	18 19	1 52	10 42	0 31	23 13	0 4	23 50	0 3	23 59	0 18	19 30	1 0	26 47	3 22	4 27	4 35	7 11			n.a.
T 10	23 24	13 11	3 3	23 11	0s 6	18 38	1 49	10 26	0 30	23 15	0 4	23 50	0 3	23 59	0 18	19 31	1 0	26 47	3 22	4 24	4 34	7 8			n.a.
W11	23 19	7 49	2 10	23 27	0 14	18 56	1 46	10 9	0 29	23 16	0 4	23 50	0 3	23 59	0 18	19 31	1 0	26 47	3 22	4 22	4 33	7 5			n.a.
T 12	23 14	2 12	1 11	23 42	0 22	19 13	1 43	9 53	0 28	23 18	0 4	23 50	0 3	24 0	0 19	19 31	1 0	26 47	3 22	4 22	4 31	7 1			n.a.
F 13	23 8	3s30	0 9	23 56	0 30	19 30	1 40	9 36	0 28	23 19	0 4	23 50	0 3	24 0	0 19	19 32	1 0	26 46	3 22	4 21	4 30	6 58			n.a.
S 14	23 1	9 9	0s54	24 10	0 37	19 47	1 37	9 20	0 27	23 20	0 4	23 50	0 3	24 0	0 19	19 32	1 0	26 46	3 22	4 21	4 29	6 55			n.a.
S 15	22 54	14 33	1 55	24 22	0 44	20 3	1 34	9 3	0 26	23 22	0 4	23 50	0 4	24 0	0 19	19 33	1 0	26 46	3 22	4 21	4 28	6 51			n.a.
M16	22 47	19 30	2 53	24 33	0 51	20 18	1 31	8 46	0 25	23 23	0 4	23 50	0 4	24 0	0 19	19 33	1 1	26 46	3 22	4 20	4 26	6 48			n.a.
T 17	22 39	23 44	3 43	24 43	0 58	20 33	1 28	8 29	0 24	23 24	0 5	23 49	0 4	24 0	0 19	19 33	1 1	26 46	3 22	4 18	4 25	6 44			n.a.
W18	22 31	26 53	4 24	24 52	1 5	20 48	1 24	8 13	0 23	23 26	0 5	23 49	0 4	24 1	0 19	19 34	1 1	26 46	3 22	4 15	4 24	6 41			n.a.
T 19	22 23	28 34	4 50	25 0	1 11	21 2	1 21	7 56	0 22	23 27	0 5	23 49	0 4	24 1	0 19	19 34	1 1	26 46	3 22	4 10	4 23	6 38			n.a.
F 20	22 14	28 29	5 1	25 6	1 17	21 15	1 18	7 39	0 21	23 28	0 5	23 49	0 4	24 1	0 19	19 35	1 1	26 46	3 22	4 6	4 21	6 34			n.a.
S 21	22 4	26 30	4 52	25 11	1 22	21 28	1 15	7 22	0 21	23 29	0 5	23 49	0 4	24 1	0 19	19 35	1 1	26 46	3 22	4 1	4 20	6 31			n.a.
S 22	21 54	22 45	4 25	25 15	1 28	21 40	1 11	7 5	0 20	23 30	0 5	23 49	0 4	24 1	0 19	19 36	1 1	26 46	3 22	3 56	4 19	6 27			n.a.
M23	21 44	17 32	3 40	25 17	1 33	21 52	1 8	6 48	0 19	23 31	0 5	23 49	0 4	24 1	0 19	19 36	1 1	26 46	3 22	3 53	4 17	6 24			n.a.
T 24	21 33	11 18	2 40	25 17	1 37	22 3	1 5	6 31	0 18	23 33	0 5	23 49	0 5	24 1	0 19	19 37	1 1	26 46	3 22	3 50	4 16	6 21			n.a.
W25	21 22	4 31	1 30	25 17	1 42	22 13	1 1	6 14	0 17	23 34	0 6	23 49	0 5	24 2	0 19	19 37	1 1	26 46	3 22	3 49	4 15	6 17			n.a.
T 26	21 11	2n25	0 15	25 14	1 46	22 23	0 58	5 57	0 16	23 35	0 6	23 49	0 5	24 2	0 19	19 37	1 1	26 46	3 22	3 49	4 14	6 14			n.a.
F 27	20 59	9 6	0n59	25 10	1 49	22 32	0 55	5 40	0 15	23 36	0 6	23 49	0 5	24 2	0 19	19 38	1 1	26 46	3 22	3 49	4 12	6 10			n.a.
S 28	20 47	15 15	2 9	25 4	1 53	22 40	0 51	5 23	0 15	23 37	0 6	23 49	0 5	24 2	0 19	19 38	1 1	26 45	3 22	3 49	4 11	6 7			n.a.
S 29	20 34	20 33	3 10	24 57	1 55	22 48	0 48	5 5	0 14	23 38	0 6	23 49	0 5	24 2	0 19	19 39	1 1	26 45	3 22	3 48	4 10	6 4			n.a.
M30	20 21	24 42	4 0	24 48	1 58	22 55	0 44	4 48	0 13	23 39	0 6	23 49	0 5	24 2	0 19	19 39	1 1	26 45	3 22	3 47	4 9	6 0			n.a.
T 31	20s 8	27n29	4n36	24s37	2s 0	23s 2	0n41	4s31	0s12	23s40	0s 6	23n49	0n 5	24s 2	0s19	19n40	1n 1	26n45	3n22	3n44	4n 7	5n57			n.a.

Julian Day Number = 1345580.5, Delta T = 07h11m54s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'52, Lahiri = -18°09'51 Julian Calendar 1 Jan. 1029 BCE == Greg. Calendar 22 Dec. 1030 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

FEBRUARY 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 2 23	2♒31'49	27♊43	19♑23	26♐ 0	19♓55	21♐54	25°R 7	25♐ 9	7°R30	19°R27	9°R 8	10♈12	19♍30	n.a.	W 1
T 2	8 6 19	3°31'38	10♋31	21° 6	27°12	20°36	22° 6	25♊ 3	25°12	7♌28	19♊27	8♈57	10° 9	19°37	n.a.	T 2
F 3	8 10 16	4°31'25	23° 7	22°51	28°24	21°17	22°18	25° 0	25°15	7°26	19°26	8°45	10° 6	19°44	n.a.	F 3
S 4	8 14 12	5°31'09	5♌32	24°37	29°37	21°58	22°30	24°57	25°17	7°25	19°25	8°33	10° 2	19°50	n.a.	S 4
S 5	8 18 9	6°30'52	17°46	26°24	0♑49	22°39	22°42	24°54	25°20	7°23	19°24	8°23	9°59	19°57	n.a.	S 5
M 6	8 22 5	7°30'32	29°50	28°12	2° 1	23°21	22°54	24°51	25°23	7°21	19°23	8°14	9°56	20° 4	n.a.	M 6
T 7	8 26 2	8°30'10	11♍46	0♒ 1	3°13	24° 2	23° 6	24°48	25°26	7°20	19°22	8° 8	9°53	20°10	n.a.	T 7
W 8	8 29 58	9°29'46	23°35	1°51	4°26	24°43	23°18	24°45	25°29	7°18	19°21	8° 5	9°50	20°17	n.a.	W 8
T 9	8 33 55	10°29'20	5♎22	3°43	5°38	25°24	23°30	24°43	25°31	7°16	19°21	8°D 3	9°47	20°24	n.a.	T 9
F 10	8 37 51	11°28'53	17°11	5°36	6°50	26° 5	23°42	24°40	25°34	7°15	19°20	8° 4	9°43	20°30	n.a.	F 10
S 11	8 41 48	12°28'23	29° 6	7°30	8° 3	26°46	23°53	24°38	25°37	7°13	19°19	8° 5	9°40	20°37	n.a.	S 11
S 12	8 45 45	13°27'51	11♏12	9°25	9°15	27°27	24° 5	24°35	25°39	7°11	19°18	8°R 5	9°37	20°44	n.a.	S 12
M13	8 49 41	14°27'18	23°36	11°22	10°28	28° 8	24°16	24°33	25°42	7°10	19°18	8° 5	9°34	20°50	n.a.	M13
T 14	8 53 38	15°26'42	6♐21	13°19	11°40	28°48	24°28	24°31	25°45	7° 8	19°17	8° 3	9°31	20°57	n.a.	T 14
W15	8 57 34	16°26'05	19°32	15°18	12°53	29°29	24°39	24°29	25°47	7° 6	19°16	7°58	9°27	21° 4	n.a.	W15
T 16	9 1 31	17°25'26	3♑11	17°17	14° 5	0♈10	24°50	24°27	25°50	7° 5	19°16	7°52	9°24	21°10	n.a.	T 16
F 17	9 5 27	18°24'45	17°18	19°18	15°18	0°51	25° 1	24°25	25°52	7° 3	19°15	7°45	9°21	21°17	n.a.	F 17
S 18	9 9 24	19°24'02	1♒50	21°19	16°30	1°32	25°12	24°23	25°55	7° 2	19°15	7°37	9°18	21°24	n.a.	S 18
S 19	9 13 20	20°23'17	16°42	23°21	17°43	2°12	25°23	24°21	25°57	7° 0	19°14	7°29	9°15	21°30	n.a.	S 19
M20	9 17 17	21°22'29	1♓44	25°23	18°55	2°53	25°34	24°20	25°59	6°58	19°14	7°24	9°12	21°37	n.a.	M20
T 21	9 21 14	22°21'39	16°47	27°26	20° 8	3°34	25°45	24°18	26° 2	6°57	19°13	7°20	9° 8	21°43	n.a.	T 21
W22	9 25 10	23°20'47	1♈43	29°29	21°20	4°15	25°55	24°17	26° 4	6°55	19°13	7°D18	9° 5	21°50	n.a.	W22
T 23	9 29 7	24°19'53	16°24	1♓32	22°33	4°55	26° 6	24°15	26° 6	6°54	19°12	7°18	9° 2	21°57	n.a.	T 23
F 24	9 33 3	25°18'56	0♉46	3°34	23°45	5°36	26°16	24°14	26° 8	6°52	19°12	7°20	8°59	22° 3	n.a.	F 24
S 25	9 37 0	26°17'56	14°46	5°36	24°58	6°16	26°26	24°13	26°11	6°51	19°11	7°21	8°56	22°10	n.a.	S 25
S 26	9 40 56	27°16'54	28°26	7°36	26°11	6°57	26°37	24°12	26°13	6°49	19°11	7°R21	8°53	22°17	n.a.	S 26
M27	9 44 53	28°15'50	11♊45	9°35	27°23	7°37	26°47	24°11	26°15	6°47	19°11	7°20	8°49	22°23	n.a.	M27
T 28	9 48 49	29°14'43	24°46	11°33	28°36	8°18	26°57	24°11	26°17	6°46	19°10	7°18	8°46	22°30	n.a.	T 28
W29	9 52 46	0♓13'34	7♋31	13♓28	29♑48	8♈58	27♐ 6	24♊10	26♐19	6♌44	19♊10	7♈14	8♈43	22♍37	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s54	28n45	4n57	24s24	2s 2	23s 8	0n38	4s14	0s11	23s40	0s 6	23n49	0n 5	24s 3	0s19	19n40	1n 1	26n45	3n22	3n41	4n 6	5n53		n.a.
T 2	19 40	28 25	5 2	24 9	2 3	23 13	0 34	3 57	0 11	23 41	0 7	23 49	0 5	24 3	0 19	19 41	1 1	26 45	3 22	3 36	4 5	5 50		n.a.
F 3	19 26	26 37	4 53	23 53	2 4	23 18	0 31	3 40	0 10	23 42	0 7	23 49	0 6	24 3	0 19	19 41	1 1	26 45	3 22	3 31	4 4	5 47		n.a.
S 4	19 11	23 33	4 30	23 35	2 4	23 21	0 28	3 22	0 9	23 43	0 7	23 49	0 6	24 3	0 19	19 41	1 1	26 45	3 22	3 27	4 2	5 43		n.a.
S 5	18 56	19 28	3 55	23 14	2 4	23 25	0 24	3 5	0 8	23 44	0 7	23 49	0 6	24 3	0 19	19 42	1 1	26 45	3 22	3 22	4 1	5 40		n.a.
M 6	18 41	14 39	3 9	22 52	2 4	23 27	0 21	2 48	0 7	23 45	0 7	23 49	0 6	24 3	0 19	19 42	1 1	26 45	3 22	3 19	4 0	5 36		n.a.
T 7	18 25	9 21	2 16	22 28	2 3	23 29	0 18	2 31	0 7	23 45	0 7	23 49	0 6	24 3	0 19	19 43	1 1	26 45	3 22	3 17	3 58	5 33		n.a.
W 8	18 10	3 45	1 17	22 2	2 1	23 30	0 15	2 13	0 6	23 46	0 7	23 49	0 6	24 3	0 19	19 43	1 1	26 45	3 22	3 15	3 57	5 29		n.a.
T 9	17 53	1s57	0 14	21 33	1 59	23 31	0 11	1 56	0 5	23 47	0 7	23 49	0 6	24 4	0 19	19 44	1 1	26 45	3 22	3 15	3 56	5 26		n.a.
F 10	17 37	7 36	0s49	21 3	1 56	23 30	0 8	1 39	0 4	23 48	0 8	23 49	0 6	24 4	0 19	19 44	1 1	26 45	3 22	3 15	3 55	5 23		n.a.
S 11	17 20	13 3	1 51	20 31	1 53	23 29	0 5	1 22	0 4	23 48	0 8	23 49	0 6	24 4	0 19	19 45	1 1	26 45	3 22	3 15	3 53	5 19		n.a.
S 12	17 3	18 6	2 49	19 56	1 50	23 28	0 2	1 5	0 3	23 49	0 8	23 49	0 6	24 4	0 19	19 45	1 1	26 44	3 22	3 15	3 52	5 16		n.a.
M13	16 45	22 31	3 40	19 20	1 45	23 25	0s 1	0 47	0 2	23 50	0 8	23 49	0 7	24 4	0 19	19 45	1 1	26 44	3 22	3 15	3 51	5 12		n.a.
T 14	16 28	26 1	4 22	18 42	1 41	23 22	0 4	0 30	0 1	23 50	0 8	23 49	0 7	24 4	0 19	19 46	1 1	26 44	3 22	3 14	3 50	5 9		n.a.
W15	16 10	28 15	4 52	18 1	1 35	23 19	0 8	0 13	0 1	23 51	0 8	23 49	0 7	24 4	0 19	19 46	1 1	26 44	3 22	3 13	3 48	5 5		n.a.
T 16	15 51	28 53	5 6	17 19	1 29	23 14	0 11	0n 4	0 0	23 51	0 8	23 49	0 7	24 4	0 19	19 47	1 1	26 44	3 22	3 10	3 47	5 2		n.a.
F 17	15 33	27 41	5 3	16 35	1 23	23 9	0 14	0 21	0n 1	23 52	0 9	23 49	0 7	24 4	0 19	19 47	1 1	26 44	3 22	3 7	3 46	4 59		n.a.
S 18	15 14	24 37	4 41	15 49	1 16	23 3	0 17	0 38	0 1	23 53	0 9	23 49	0 7	24 4	0 19	19 48	1 1	26 44	3 22	3 4	3 45	4 55		n.a.
S 19	14 55	19 52	3 59	15 1	1 8	22 57	0 20	0 55	0 2	23 53	0 9	23 49	0 7	24 5	0 19	19 48	1 1	26 44	3 22	3 1	3 43	4 52		n.a.
M20	14 36	13 50	3 0	14 12	1 0	22 50	0 22	1 13	0 3	23 54	0 9	23 49	0 7	24 5	0 19	19 48	1 1	26 44	3 22	2 59	3 42	4 48		n.a.
T 21	14 17	6 58	1 49	13 21	0 51	22 42	0 25	1 30	0 4	23 54	0 9	23 49	0 7	24 5	0 19	19 49	1 1	26 44	3 22	2 57	3 41	4 45		n.a.
W22	13 57	0n14	0 30	12 29	0 41	22 34	0 28	1 47	0 4	23 55	0 9	23 49	0 7	24 5	0 19	19 49	1 1	26 44	3 22	2 57	3 39	4 41		n.a.
T 23	13 37	7 18	0n49	11 35	0 32	22 24	0 31	2 4	0 5	23 55	0 9	23 49	0 8	24 5	0 19	19 50	1 1	26 44	3 22	2 57	3 38	4 38		n.a.
F 24	13 17	13 51	2 4	10 41	0 21	22 15	0 34	2 21	0 6	23 56	0 10	23 49	0 8	24 5	0 19	19 50	1 1	26 44	3 22	2 57	3 37	4 34		n.a.
S 25	12 57	19 32	3 9	9 46	0 10	22 4	0 36	2 37	0 6	23 56	0 10	23 49	0 8	24 5	0 19	19 50	1 1	26 44	3 22	2 58	3 36	4 31		n.a.
S 26	12 37	24 3	4 2	8 50	0n 1	21 53	0 39	2 54	0 7	23 56	0 10	23 49	0 8	24 5	0 19	19 51	1 1	26 44	3 22	2 58	3 34	4 28		n.a.
M27	12 16	27 11	4 40	7 55	0 12	21 41	0 41	3 11	0 8	23 57	0 10	23 49	0 8	24 5	0 19	19 51	1 1	26 44	3 22	2 57	3 33	4 24		n.a.
T 28	11 55	28 46	5 3	6 59	0 24	21 29	0 44	3 28	0 8	23 57	0 10	23 49	0 8	24 5	0 19	19 52	1 1	26 44	3 22	2 56	3 32	4 21		n.a.
W29	11s34	28n46	5n11	6s 3	0n36	21s16	0s46	3n45	0n 9	23s58	0s10	23n49	0n 8	24s 5	0s19	19n52	1n 1	26n44	3n22	2n55	3n31	4n17		n.a.

Julian Day Number = 1345611.5, Delta T = 07h11m52s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'48, Lahiri = -18°09'47 Julian Calendar 1 Feb. 1029 BCE == Greg. Calendar 22 Jan. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

MARCH 1029 BCE (-1028) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 56 43	1♓12'23	20♋ 3	15♓20	1♒ 1	9♈39	27♐16	24°R10	26♐21	6°R43	19°R10	7°R 8	8♈40	22♍43	n.a.	T 1
F 2	10 0 39	2°11'09	2♌23	17°10	2°14	10°19	27°26	24♊ 9	26°23	6♌41	19♊ 9	7♈ 2	8°37	22°50	n.a.	F 2
S 3	10 4 36	3° 9'53	14°33	18°56	3°26	10°59	27°35	24° 9	26°25	6°40	19° 9	6°56	8°33	22°57	n.a.	S 3
S 4	10 8 32	4° 8'35	26°35	20°39	4°39	11°39	27°45	24° 9	26°26	6°39	19° 9	6°50	8°30	23° 3	n.a.	S 4
M 5	10 12 29	5° 7'14	8♍30	22°18	5°52	12°20	27°54	24°D 8	26°28	6°37	19° 9	6°46	8°27	23°10	n.a.	M 5
T 6	10 16 25	6° 5'51	20°21	23°53	7° 4	13° 0	28° 3	24° 9	26°30	6°36	19° 9	6°43	8°24	23°17	n.a.	T 6
W 7	10 20 22	7° 4'27	2♎ 8	25°23	8°17	13°40	28°12	24° 9	26°32	6°34	19° 8	6°D42	8°21	23°23	n.a.	W 7
T 8	10 24 18	8° 3'00	13°56	26°49	9°30	14°20	28°21	24° 9	26°33	6°33	19° 8	6°42	8°18	23°30	n.a.	T 8
F 9	10 28 15	9° 1'31	25°47	28°10	10°43	15° 0	28°30	24° 9	26°35	6°32	19° 8	6°43	8°14	23°37	n.a.	F 9
S 10	10 32 11	10° 0'01	7♏44	29°26	11°55	15°41	28°39	24°10	26°36	6°30	19° 8	6°45	8°11	23°43	n.a.	S 10
S 11	10 36 8	10°58'29	19°52	0♈37	13° 8	16°21	28°47	24°10	26°38	6°29	19° 8	6°46	8° 8	23°50	n.a.	S 11
M12	10 40 5	11°56'55	2♐15	1°42	14°21	17° 1	28°55	24°11	26°39	6°28	19°D 8	6°48	8° 5	23°57	n.a.	M12
T 13	10 44 1	12°55'20	14°58	2°42	15°34	17°41	29° 4	24°12	26°41	6°26	19° 8	6°R48	8° 2	24° 3	n.a.	T 13
W14	10 47 58	13°53'42	28° 4	3°36	16°46	18°21	29°12	24°13	26°42	6°25	19° 8	6°47	7°59	24°10	n.a.	W14
T 15	10 51 54	14°52'03	11♑36	4°25	17°59	19° 1	29°20	24°14	26°44	6°24	19° 8	6°46	7°55	24°16	n.a.	T 15
F 16	10 55 51	15°50'23	25°36	5° 8	19°12	19°41	29°28	24°15	26°45	6°23	19° 8	6°43	7°52	24°23	n.a.	F 16
S 17	10 59 47	16°48'40	10♒ 3	5°46	20°25	20°20	29°35	24°16	26°46	6°22	19° 8	6°40	7°49	24°30	n.a.	S 17
S 18	11 3 44	17°46'56	24°53	6°18	21°38	21° 0	29°43	24°17	26°47	6°20	19° 9	6°38	7°46	24°36	n.a.	S 18
M19	11 7 40	18°45'10	9♓58	6°43	22°50	21°40	29°51	24°19	26°48	6°19	19° 9	6°36	7°43	24°43	n.a.	M19
T 20	11 11 37	19°43'22	25°10	7° 4	24° 3	22°20	29°58	24°20	26°50	6°18	19° 9	6°35	7°39	24°50	n.a.	T 20
W21	11 15 33	20°41'33	10♈19	7°18	25°16	23° 0	0♑ 5	24°22	26°51	6°17	19° 9	6°D35	7°36	24°56	n.a.	W21
T 22	11 19 30	21°39'41	25°16	7°27	26°29	23°40	0°12	24°23	26°52	6°16	19° 9	6°35	7°33	25° 3	n.a.	T 22
F 23	11 23 27	22°37'47	9♉54	7°R30	27°42	24°19	0°19	24°25	26°53	6°15	19°10	6°36	7°30	25°10	n.a.	F 23
S 24	11 27 23	23°35'51	24° 9	7°28	28°55	24°59	0°26	24°27	26°53	6°14	19°10	6°37	7°27	25°16	n.a.	S 24
S 25	11 31 20	24°33'54	7♊58	7°20	0♓ 8	25°39	0°32	24°29	26°54	6°13	19°10	6°38	7°24	25°23	n.a.	S 25
M26	11 35 16	25°31'54	21°22	7° 8	1°20	26°18	0°38	24°31	26°55	6°12	19°11	6°R39	7°20	25°30	n.a.	M26
T 27	11 39 13	26°29'52	4♋23	6°51	2°33	26°58	0°45	24°34	26°56	6°11	19°11	6°38	7°17	25°36	n.a.	T 27
W28	11 43 9	27°27'48	17° 3	6°30	3°46	27°38	0°51	24°36	26°57	6°10	19°12	6°38	7°14	25°43	n.a.	W28
T 29	11 47 6	28°25'42	29°27	6° 4	4°59	28°17	0°57	24°38	26°57	6° 9	19°12	6°37	7°11	25°50	n.a.	T 29
F 30	11 51 2	29°23'34	11♌37	5°36	6°12	28°57	1° 2	24°41	26°58	6° 8	19°12	6°36	7° 8	25°56	n.a.	F 30
S 31	11 54 59	0♈21'25	23♌38	5♈ 4	7♓25	29♈36	1♑ 8	24♊44	26♐58	6♌ 7	19♊13	6♈35	7♈ 5	26♍ 3	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s13	27n17	5n 3	5s 8	0n48	21s 3	0s49	4n 2	0n10	23s58	0s10	23n49	0n 8	24s 6	0s19	19n52	1n 1	26n44	3n22	2n52	3n29	4n14		n.a.
F 2	10 52	24 30	4 41	4 14	1 0	20 48	0 51	4 18	0 10	23 58	0 11	23 50	0 8	24 6	0 19	19 53	1 1	26 44	3 22	2 50	3 28	4 10		n.a.
S 3	10 30	20 39	4 7	3 21	1 12	20 34	0 53	4 35	0 11	23 59	0 11	23 50	0 8	24 6	0 19	19 53	1 1	26 44	3 22	2 48	3 27	4 7		n.a.
S 4	10 9	16 0	3 22	2 29	1 23	20 18	0 56	4 52	0 12	23 59	0 11	23 50	0 8	24 6	0 19	19 53	1 1	26 43	3 22	2 45	3 25	4 3		n.a.
M 5	9 47	10 48	2 28	1 39	1 35	20 2	0 58	5 8	0 12	23 59	0 11	23 50	0 8	24 6	0 19	19 54	1 1	26 43	3 22	2 44	3 24	4 0		n.a.
T 6	9 25	5 14	1 28	0 51	1 46	19 46	1 0	5 25	0 13	24 0	0 11	23 50	0 9	24 6	0 20	19 54	1 1	26 43	3 22	2 42	3 23	3 57		n.a.
W 7	9 3	0s29	0 25	0 5	1 57	19 29	1 2	5 41	0 14	24 0	0 11	23 50	0 9	24 6	0 20	19 55	1 1	26 43	3 22	2 42	3 22	3 53		n.a.
T 8	8 41	6 11	0s40	0n39	2 7	19 11	1 4	5 57	0 14	24 0	0 11	23 50	0 9	24 6	0 20	19 55	1 1	26 43	3 22	2 42	3 20	3 50		n.a.
F 9	8 19	11 43	1 43	1 21	2 17	18 53	1 6	6 14	0 15	24 0	0 12	23 50	0 9	24 6	0 20	19 55	1 1	26 43	3 22	2 42	3 19	3 46		n.a.
S 10	7 56	16 52	2 42	2 0	2 26	18 34	1 8	6 30	0 15	24 1	0 12	23 50	0 9	24 6	0 20	19 56	1 1	26 43	3 22	2 43	3 18	3 43		n.a.
S 11	7 34	21 26	3 36	2 36	2 35	18 15	1 10	6 46	0 16	24 1	0 12	23 50	0 9	24 6	0 20	19 56	1 1	26 43	3 22	2 44	3 17	3 39		n.a.
M12	7 11	25 11	4 20	3 10	2 42	17 56	1 11	7 2	0 17	24 1	0 12	23 50	0 9	24 6	0 20	19 56	1 1	26 43	3 22	2 44	3 15	3 36		n.a.
T 13	6 49	27 48	4 53	3 40	2 49	17 35	1 13	7 19	0 17	24 1	0 12	23 51	0 9	24 6	0 20	19 57	1 1	26 43	3 22	2 44	3 14	3 32		n.a.
W14	6 26	29 0	5 12	4 8	2 55	17 15	1 15	7 35	0 18	24 2	0 12	23 51	0 9	24 6	0 20	19 57	1 1	26 43	3 22	2 44	3 13	3 29		n.a.
T 15	6 3	28 31	5 14	4 32	3 0	16 54	1 16	7 51	0 18	24 2	0 13	23 51	0 9	24 6	0 20	19 57	1 1	26 43	3 22	2 43	3 11	3 25		n.a.
F 16	5 40	26 14	4 58	4 53	3 4	16 32	1 18	8 6	0 19	24 2	0 13	23 51	0 9	24 7	0 20	19 57	1 1	26 43	3 22	2 43	3 10	3 22		n.a.
S 17	5 17	22 14	4 24	5 11	3 7	16 10	1 19	8 22	0 20	24 2	0 13	23 51	0 10	24 7	0 20	19 58	1 1	26 43	3 22	2 41	3 9	3 18		n.a.
S 18	4 54	16 44	3 31	5 25	3 9	15 47	1 21	8 38	0 20	24 2	0 13	23 51	0 10	24 7	0 20	19 58	1 1	26 43	3 22	2 40	3 8	3 15		n.a.
M19	4 31	10 8	2 22	5 37	3 10	15 24	1 22	8 54	0 21	24 2	0 13	23 51	0 10	24 7	0 20	19 58	1 1	26 43	3 22	2 40	3 6	3 12		n.a.
T 20	4 8	2 55	1 3	5 44	3 9	15 1	1 23	9 9	0 21	24 3	0 13	23 52	0 10	24 7	0 20	19 59	1 1	26 43	3 22	2 39	3 5	3 8		n.a.
W21	3 45	4n28	0n21	5 49	3 8	14 37	1 24	9 25	0 22	24 3	0 14	23 52	0 10	24 7	0 20	19 59	1 1	26 43	3 22	2 39	3 4	3 5		n.a.
T 22	3 21	11 30	1 42	5 49	3 5	14 13	1 25	9 41	0 23	24 3	0 14	23 52	0 10	24 7	0 20	19 59	1 1	26 43	3 22	2 39	3 3	3 1		n.a.
F 23	2 58	17 46	2 54	5 47	3 1	13 49	1 26	9 56	0 23	24 3	0 14	23 52	0 10	24 7	0 20	19 59	1 1	26 43	3 22	2 40	3 1	2 58		n.a.
S 24	2 35	22 53	3 54	5 41	2 55	13 24	1 27	10 11	0 24	24 3	0 14	23 52	0 10	24 7	0 20	20 0	1 1	26 43	3 22	2 40	3 0	2 54		n.a.
S 25	2 12	26 34	4 38	5 32	2 48	12 59	1 28	10 26	0 24	24 3	0 14	23 52	0 10	24 7	0 20	20 0	1 1	26 43	3 22	2 40	2 59	2 51		n.a.
M26	1 48	28 37	5 6	5 19	2 40	12 33	1 29	10 42	0 25	24 4	0 14	23 53	0 10	24 7	0 20	20 0	1 1	26 43	3 22	2 41	2 57	2 47		n.a.
T 27	1 25	29 1	5 17	5 4	2 31	12 7	1 30	10 57	0 25	24 4	0 15	23 53	0 10	24 7	0 20	20 0	1 1	26 43	3 22	2 41	2 56	2 44		n.a.
W28	1 1	27 52	5 12	4 46	2 20	11 41	1 30	11 12	0 26	24 4	0 15	23 53	0 10	24 7	0 20	20 1	1 1	26 43	3 22	2 40	2 55	2 40		n.a.
T 29	0 38	25 21	4 52	4 25	2 9	11 14	1 31	11 27	0 26	24 4	0 15	23 53	0 10	24 7	0 20	20 1	1 1	26 43	3 22	2 40	2 54	2 37		n.a.
F 30	0 15	21 44	4 20	4 1	1 56	10 48	1 31	11 41	0 27	24 4	0 15	23 53	0 11	24 7	0 20	20 1	1 1	26 43	3 22	2 40	2 52	2 33		n.a.
S 31	0n 9	17n15	3n36	3n36	1n42	10s21	1s32	11n56	0n27	24s 4	0s15	23n53	0n11	24s 7	0s20	20n 1	1n 1	26n43	3n22	2n39	2n51	2n30		n.a.

Julian Day Number = 1345640.5, Delta T = 07h11m50s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'44, Lahiri = -18°09'43 Julian Calendar 1 March 1029 BCE == Greg. Calendar 20 Feb. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

APRIL 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 56	1♈19'13	5♍31	4°R31	8♓38	0♉16	1♊14	24♊46	26♐59	6°R 7	19♊13	6°R34	7♈ 1	26♍ 9	n.a.	S 1
M 2	12 2 52	2°17'00	17°21	3♈55	9°51	0°55	1°19	24°49	26°59	6♌ 6	19°14	6♈34	6°58	26°16	n.a.	M 2
T 3	12 6 49	3°14'45	29° 8	3°19	11° 4	1°35	1°24	24°52	27° 0	6° 5	19°14	6°34	6°55	26°23	n.a.	T 3
W 4	12 10 45	4°12'28	10♎57	2°42	12°16	2°14	1°29	24°55	27° 0	6° 4	19°15	6°D34	6°52	26°29	n.a.	W 4
T 5	12 14 42	5°10'10	22°48	2° 6	13°29	2°53	1°34	24°58	27° 0	6° 4	19°16	6°34	6°49	26°36	n.a.	T 5
F 6	12 18 38	6° 7'51	4♏45	1°31	14°42	3°33	1°38	25° 1	27° 1	6° 3	19°16	6°R34	6°45	26°43	n.a.	F 6
S 7	12 22 35	7° 5'30	16°50	0°57	15°55	4°12	1°43	25° 5	27° 1	6° 2	19°17	6°34	6°42	26°49	n.a.	S 7
S 8	12 26 31	8° 3'08	29° 5	0°25	17° 8	4°51	1°47	25° 8	27° 1	6° 2	19°18	6°34	6°39	26°56	n.a.	S 8
M 9	12 30 28	9° 0'44	11♐34	29♓55	18°21	5°31	1°51	25°12	27° 1	6° 1	19°18	6°34	6°36	27° 3	n.a.	M 9
T 10	12 34 25	9°58'20	24°19	29°29	19°34	6°10	1°55	25°15	27° 1	6° 1	19°19	6°33	6°33	27° 9	n.a.	T 10
W11	12 38 21	10°55'55	7♑23	29° 6	20°47	6°49	1°59	25°19	27°R 1	6° 0	19°20	6°D33	6°30	27°16	n.a.	W11
T 12	12 42 18	11°53'28	20°50	28°47	22° 0	7°28	2° 2	25°23	27° 1	6° 0	19°21	6°33	6°26	27°23	n.a.	T 12
F 13	12 46 14	12°51'00	4♒40	28°32	23°13	8° 8	2° 6	25°26	27° 1	5°59	19°21	6°34	6°23	27°29	n.a.	F 13
S 14	12 50 11	13°48'32	18°54	28°21	24°26	8°47	2° 9	25°30	27° 1	5°59	19°22	6°34	6°20	27°36	n.a.	S 14
S 15	12 54 7	14°46'02	3♓30	28°15	25°39	9°26	2°12	25°34	27° 1	5°59	19°23	6°35	6°17	27°43	n.a.	S 15
M16	12 58 4	15°43'31	18°23	28°D13	26°52	10° 5	2°15	25°39	27° 1	5°58	19°24	6°35	6°14	27°49	n.a.	M16
T 17	13 2 0	16°40'59	3♈28	28°15	28° 5	10°44	2°18	25°43	27° 0	5°58	19°25	6°R36	6°10	27°56	n.a.	T 17
W18	13 5 57	17°38'26	18°35	28°22	29°18	11°23	2°20	25°47	27° 0	5°58	19°26	6°36	6° 7	28° 2	n.a.	W18
T 19	13 9 54	18°35'52	3♉35	28°34	0♈31	12° 2	2°22	25°51	27° 0	5°57	19°27	6°35	6° 4	28° 9	n.a.	T 19
F 20	13 13 50	19°33'17	18°21	28°50	1°45	12°41	2°25	25°56	26°59	5°57	19°27	6°33	6° 1	28°16	n.a.	F 20
S 21	13 17 47	20°30'40	2♊45	29°10	2°58	13°20	2°26	26° 0	26°59	5°57	19°28	6°32	5°58	28°22	n.a.	S 21
S 22	13 21 43	21°28'02	16°44	29°35	4°11	13°59	2°28	26° 5	26°58	5°57	19°29	6°30	5°55	28°29	n.a.	S 22
M23	13 25 40	22°25'23	0♋15	0♈ 4	5°24	14°38	2°30	26°10	26°58	5°57	19°30	6°29	5°51	28°36	n.a.	M23
T 24	13 29 36	23°22'43	13°20	0°37	6°37	15°17	2°31	26°14	26°57	5°56	19°31	6°28	5°48	28°42	n.a.	T 24
W25	13 33 33	24°20'01	26° 2	1°14	7°50	15°56	2°32	26°19	26°56	5°56	19°32	6°D27	5°45	28°49	n.a.	W25
T 26	13 37 29	25°17'19	8♌24	1°55	9° 3	16°35	2°33	26°24	26°56	5°56	19°34	6°28	5°42	28°56	n.a.	T 26
F 27	13 41 26	26°14'35	20°31	2°40	10°16	17°14	2°34	26°29	26°55	5°D56	19°35	6°29	5°39	29° 2	n.a.	F 27
S 28	13 45 23	27°11'49	2♍27	3°29	11°29	17°53	2°35	26°34	26°54	5°56	19°36	6°30	5°36	29° 9	n.a.	S 28
S 29	13 49 19	28° 9'03	14°17	4°21	12°43	18°32	2°35	26°39	26°53	5°56	19°37	6°32	5°32	29°16	n.a.	S 29
M30	13 53 16	29♈ 6'16	26♍ 4	5♈17	13♈56	19♉11	2♊35	26♊44	26♐52	5♌57	19♊38	6♈33	5♈29	29♍22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n32	12n10	2n44	3n 9	1n27	9s53	1s32	12n11	0n28	24s 4	0s16	23n54	0n11	24s 7	0s20	20n 1	1n 1	26n43	3n22	2n39	2n50	2n26		n.a.
M 2	0 55	6 41	1 45	2 40	1 12	9 26	1 33	12 25	0 29	24 5	0 16	23 54	0 11	24 7	0 20	20 1	1 1	26 43	3 22	2 39	2 49	2 23		n.a.
T 3	1 19	0 58	0 41	2 11	0 55	8 58	1 33	12 40	0 29	24 5	0 16	23 54	0 11	24 7	0 20	20 2	1 1	26 43	3 22	2 39	2 47	2 19		n.a.
W 4	1 42	4s46	0s24	1 41	0 39	8 30	1 33	12 54	0 30	24 5	0 16	23 54	0 11	24 7	0 20	20 2	1 1	26 43	3 22	2 39	2 46	2 16		n.a.
T 5	2 5	10 23	1 29	1 11	0 22	8 1	1 33	13 8	0 30	24 5	0 16	23 54	0 11	24 7	0 20	20 2	1 1	26 44	3 22	2 39	2 45	2 13		n.a.
F 6	2 28	15 40	2 30	0 41	0 5	7 33	1 33	13 22	0 31	24 5	0 16	23 55	0 11	24 7	0 20	20 2	1 1	26 44	3 22	2 39	2 43	2 9		n.a.
S 7	2 51	20 25	3 26	0 12	0s12	7 4	1 33	13 37	0 31	24 5	0 17	23 55	0 11	24 7	0 20	20 2	1 1	26 44	3 21	2 39	2 42	2 6		n.a.
S 8	3 15	24 22	4 12	0s16	0 29	6 35	1 33	13 50	0 32	24 5	0 17	23 55	0 11	24 7	0 20	20 2	1 1	26 44	3 21	2 39	2 41	2 2		n.a.
M 9	3 38	27 17	4 48	0 43	0 45	6 6	1 33	14 4	0 32	24 5	0 17	23 55	0 11	24 8	0 20	20 3	1 1	26 44	3 21	2 39	2 40	1 59		n.a.
T 10	4 1	28 52	5 10	1 8	1 1	5 36	1 33	14 18	0 33	24 6	0 17	23 55	0 11	24 8	0 20	20 3	1 1	26 44	3 21	2 39	2 38	1 55		n.a.
W11	4 24	28 54	5 18	1 31	1 16	5 7	1 32	14 32	0 33	24 6	0 17	23 56	0 11	24 8	0 20	20 3	1 1	26 44	3 21	2 39	2 37	1 52		n.a.
T 12	4 46	27 15	5 8	1 53	1 31	4 37	1 32	14 45	0 34	24 6	0 18	23 56	0 12	24 8	0 20	20 3	1 0	26 44	3 21	2 39	2 36	1 48		n.a.
F 13	5 9	23 56	4 40	2 11	1 45	4 8	1 31	14 59	0 34	24 6	0 18	23 56	0 12	24 8	0 20	20 3	1 0	26 44	3 21	2 39	2 34	1 45		n.a.
S 14	5 32	19 7	3 55	2 28	1 58	3 38	1 31	15 12	0 35	24 6	0 18	23 56	0 12	24 8	0 20	20 3	1 0	26 44	3 21	2 39	2 33	1 41		n.a.
S 15	5 55	13 4	2 54	2 42	2 10	3 8	1 30	15 25	0 35	24 6	0 18	23 56	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 39	2 32	1 38		n.a.
M16	6 17	6 11	1 39	2 53	2 21	2 38	1 30	15 38	0 36	24 6	0 18	23 57	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 39	2 31	1 34		n.a.
T 17	6 39	1n 8	0 17	3 1	2 32	2 8	1 29	15 51	0 36	24 7	0 19	23 57	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 40	2 29	1 31		n.a.
W18	7 2	8 24	1n 6	3 7	2 41	1 38	1 28	16 4	0 36	24 7	0 19	23 57	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 39	2 28	1 27		n.a.
T 19	7 24	15 10	2 24	3 10	2 49	1 7	1 27	16 17	0 37	24 7	0 19	23 57	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 39	2 27	1 24		n.a.
F 20	7 46	20 56	3 31	3 10	2 57	0 37	1 27	16 29	0 37	24 7	0 19	23 58	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 39	2 26	1 20		n.a.
S 21	8 8	25 20	4 23	3 8	3 3	0 7	1 26	16 42	0 38	24 7	0 19	23 58	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 38	2 24	1 17		n.a.
S 22	8 30	28 5	4 58	3 3	3 8	0n24	1 25	16 54	0 38	24 7	0 20	23 58	0 12	24 8	0 21	20 3	1 0	26 44	3 21	2 37	2 23	1 13		n.a.
M23	8 52	29 4	5 15	2 55	3 13	0 54	1 23	17 6	0 39	24 8	0 20	23 58	0 12	24 8	0 21	20 3	1 0	26 45	3 21	2 37	2 22	1 10		n.a.
T 24	9 13	28 21	5 14	2 45	3 16	1 25	1 22	17 18	0 39	24 8	0 20	23 58	0 12	24 8	0 21	20 3	1 0	26 45	3 21	2 36	2 20	1 6		n.a.
W25	9 35	26 9	4 58	2 32	3 19	1 55	1 21	17 30	0 40	24 8	0 20	23 59	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 36	2 19	1 3		n.a.
T 26	9 56	22 46	4 29	2 17	3 21	2 25	1 20	17 42	0 40	24 8	0 20	23 59	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 36	2 18	0 59		n.a.
F 27	10 17	18 28	3 48	2 0	3 22	2 56	1 19	17 54	0 41	24 8	0 21	23 59	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 37	2 17	0 56		n.a.
S 28	10 38	13 31	2 57	1 40	3 22	3 26	1 17	18 5	0 41	24 9	0 21	23 59	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 37	2 15	0 52		n.a.
S 29	10 59	8 7	2 0	1 19	3 21	3 56	1 16	18 17	0 41	24 9	0 21	23 59	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 38	2 14	0 49		n.a.
M30	11n20	2n28	0n58	0s55	3s19	4n26	1s14	18n28	0n42	24s 9	0s21	24n 0	0n13	24s 8	0s21	20n 3	1n 0	26n45	3n21	2n38	2n13	0n45		n.a.

Julian Day Number = 1345671.5, Delta T = 07h11m49s
Ecliptic obliquity = 23°49'14, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'39, Lahiri = -18°09'39 Julian Calendar 1 Apr. 1029 BCE == Greg. Calendar 22 March 1029 BCE

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

MAY 1029 BCE (-1028) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 57 12	0♉ 3'27	7♎53	6♈17	15♈ 9	19♉50	2°R35	26♊50	26°R52	5♏57	19♊39	6°R34	5♈26	29♍29	n.a.	T 1
W 2	14 1 9	1° 0'38	19°45	7°19	16°22	20°28	2♑35	26°55	26♐51	5°57	19°40	6♈33	5°23	29°36	n.a.	W 2
T 3	14 5 5	1°57'48	1♏44	8°26	17°35	21° 7	2°35	27° 0	26°50	5°57	19°42	6°31	5°20	29°42	n.a.	T 3
F 4	14 9 2	2°54'58	13°51	9°35	18°48	21°46	2°34	27° 6	26°48	5°57	19°43	6°28	5°16	29°49	n.a.	F 4
S 5	14 12 58	3°52'07	26° 8	10°48	20° 2	22°25	2°34	27°11	26°47	5°57	19°44	6°24	5°13	29°55	n.a.	S 5
S 6	14 16 55	4°49'15	8♐37	12° 4	21°15	23° 3	2°33	27°17	26°46	5°58	19°45	6°19	5°10	0♎ 2	n.a.	S 6
M 7	14 20 52	5°46'23	21°19	13°23	22°28	23°42	2°32	27°23	26°45	5°58	19°47	6°15	5° 7	0° 9	n.a.	M 7
T 8	14 24 48	6°43'31	4♑14	14°45	23°41	24°21	2°30	27°28	26°44	5°58	19°48	6°11	5° 4	0°15	n.a.	T 8
W 9	14 28 45	7°40'39	17°25	16°11	24°55	24°59	2°29	27°34	26°43	5°59	19°49	6° 8	5° 1	0°22	n.a.	W 9
T 10	14 32 41	8°37'46	0♒52	17°39	26° 8	25°38	2°27	27°40	26°41	5°59	19°50	6° 6	4°57	0°29	n.a.	T 10
F 11	14 36 38	9°34'53	14°37	19°11	27°21	26°17	2°25	27°46	26°40	6° 0	19°52	6°D 6	4°54	0°35	n.a.	F 11
S 12	14 40 34	10°32'00	28°39	20°45	28°35	26°55	2°23	27°52	26°38	6° 0	19°53	6° 7	4°51	0°42	n.a.	S 12
S 13	14 44 31	11°29'06	12♓59	22°22	29°48	27°34	2°21	27°58	26°37	6° 1	19°54	6° 9	4°48	0°49	n.a.	S 13
M14	14 48 27	12°26'13	27°33	24° 3	1♉ 1	28°13	2°19	28° 4	26°36	6° 1	19°56	6°10	4°45	0°55	n.a.	M14
T 15	14 52 24	13°23'19	12♈19	25°46	2°15	28°51	2°16	28°10	26°34	6° 2	19°57	6°R10	4°42	1° 2	n.a.	T 15
W16	14 56 21	14°20'26	27° 9	27°32	3°28	29°30	2°13	28°16	26°33	6° 2	19°59	6° 8	4°38	1° 9	n.a.	W16
T 17	15 0 17	15°17'32	11♉58	29°20	4°41	0♊ 8	2°10	28°23	26°31	6° 3	20° 0	6° 5	4°35	1°15	n.a.	T 17
F 18	15 4 14	16°14'38	26°37	1♉12	5°55	0°47	2° 7	28°29	26°29	6° 4	20° 2	6° 0	4°32	1°22	n.a.	F 18
S 19	15 8 10	17°11'44	10♊59	3° 6	7° 8	1°25	2° 4	28°35	26°28	6° 4	20° 3	5°54	4°29	1°29	n.a.	S 19
S 20	15 12 7	18° 8'50	24°59	5° 3	8°22	2° 4	2° 0	28°42	26°26	6° 5	20° 4	5°48	4°26	1°35	n.a.	S 20
M21	15 16 3	19° 5'56	8♋34	7° 2	9°35	2°42	1°57	28°48	26°24	6° 6	20° 6	5°41	4°22	1°42	n.a.	M21
T 22	15 20 0	20° 3'01	21°42	9° 3	10°49	3°21	1°53	28°55	26°23	6° 7	20° 7	5°37	4°19	1°48	n.a.	T 22
W23	15 23 57	21° 0'06	4♌27	11° 6	12° 2	3°59	1°49	29° 1	26°21	6° 8	20° 9	5°33	4°16	1°55	n.a.	W23
T 24	15 27 53	21°57'10	16°50	13°11	13°16	4°38	1°45	29° 8	26°19	6° 8	20°10	5°D32	4°13	2° 2	n.a.	T 24
F 25	15 31 50	22°54'14	28°57	15°17	14°29	5°16	1°40	29°15	26°17	6° 9	20°12	5°32	4°10	2° 8	n.a.	F 25
S 26	15 35 46	23°51'18	10♍52	17°25	15°43	5°55	1°36	29°21	26°15	6°10	20°13	5°33	4° 7	2°15	n.a.	S 26
S 27	15 39 43	24°48'22	22°41	19°33	16°56	6°33	1°31	29°28	26°13	6°11	20°15	5°34	4° 3	2°22	n.a.	S 27
M28	15 43 39	25°45'26	4♎29	21°43	18°10	7°12	1°26	29°35	26°11	6°12	20°17	5°R35	4° 0	2°28	n.a.	M28
T 29	15 47 36	26°42'29	16°20	23°52	19°23	7°50	1°21	29°42	26° 9	6°13	20°18	5°34	3°57	2°35	n.a.	T 29
W30	15 51 32	27°39'33	28°18	26° 2	20°37	8°29	1°16	29°49	26° 7	6°14	20°20	5°32	3°54	2°42	n.a.	W30
T 31	15 55 29	28♉36'37	10♏26	28♉12	21♉50	9♊ 7	1♑11	29♊55	26♐ 5	6♏15	20♊21	5♈27	3♈51	2♎48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n40	3s17	0s 7	0s29	3s17	4n56	1s13	18n39	0n42	24s 9	0s21	24n 0	0n13	24s 8	0s21	20n 3	1n 0	26n45	3n21	2n39	2n11	0n42		n.a.
W 2	12 1	8 57	1 12	0 1	3 14	5 26	1 11	18 50	0 43	24 9	0 22	24 0	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 38	2 10	0 38		n.a.
T 3	12 21	14 21	2 14	0n29	3 10	5 56	1 10	19 1	0 43	24 10	0 22	24 0	0 13	24 8	0 21	20 3	1 0	26 45	3 21	2 38	2 9	0 35		n.a.
F 4	12 41	19 16	3 11	1 1	3 6	6 26	1 8	19 12	0 43	24 10	0 22	24 0	0 13	24 8	0 21	20 3	1 0	26 46	3 21	2 36	2 8	0 31		n.a.
S 5	13 0	23 28	3 59	1 35	3 1	6 56	1 6	19 22	0 44	24 10	0 22	24 1	0 13	24 8	0 21	20 3	1 0	26 46	3 21	2 35	2 6	0 28		n.a.
S 6	13 20	26 39	4 37	2 10	2 55	7 25	1 5	19 33	0 44	24 10	0 23	24 1	0 13	24 8	0 21	20 3	1 0	26 46	3 21	2 33	2 5	0 24		n.a.
M 7	13 39	28 33	5 2	2 47	2 48	7 54	1 3	19 43	0 45	24 10	0 23	24 1	0 13	24 8	0 21	20 3	1 0	26 46	3 21	2 31	2 4	0 21		n.a.
T 8	13 59	28 57	5 13	3 26	2 41	8 24	1 1	19 53	0 45	24 11	0 23	24 1	0 13	24 8	0 21	20 3	1 0	26 46	3 21	2 30	2 3	0 18		n.a.
W 9	14 17	27 44	5 7	4 6	2 34	8 53	0 59	20 3	0 46	24 11	0 23	24 1	0 14	24 8	0 21	20 3	1 0	26 46	3 21	2 28	2 1	0 14		n.a.
T 10	14 36	24 54	4 44	4 48	2 26	9 21	0 57	20 13	0 46	24 11	0 23	24 2	0 14	24 8	0 21	20 2	1 0	26 46	3 21	2 28	2 0	0 11		n.a.
F 11	14 55	20 36	4 5	5 31	2 17	9 50	0 55	20 23	0 46	24 11	0 24	24 2	0 14	24 8	0 21	20 2	1 0	26 46	3 21	2 28	1 59	0 7		n.a.
S 12	15 13	15 6	3 11	6 15	2 8	10 18	0 53	20 32	0 47	24 12	0 24	24 2	0 14	24 8	0 21	20 2	1 0	26 46	3 21	2 28	1 57	0 4		n.a.
S 13	15 31	8 41	2 3	7 0	1 59	10 47	0 51	20 42	0 47	24 12	0 24	24 2	0 14	24 8	0 21	20 2	1 0	26 47	3 21	2 29	1 56	0 0		n.a.
M14	15 49	1 42	0 47	7 47	1 49	11 15	0 49	20 51	0 47	24 12	0 24	24 2	0 14	24 8	0 21	20 2	1 0	26 47	3 21	2 29	1 55	0s 3		n.a.
T 15	16 6	5n27	0n33	8 35	1 39	11 42	0 47	21 0	0 48	24 12	0 24	24 2	0 14	24 8	0 21	20 2	1 0	26 47	3 21	2 29	1 54	0 7		n.a.
W16	16 24	12 21	1 52	9 23	1 28	12 10	0 45	21 9	0 48	24 13	0 25	24 3	0 14	24 8	0 21	20 1	1 0	26 47	3 21	2 29	1 52	0 10		n.a.
T 17	16 41	18 33	3 2	10 13	1 17	12 37	0 43	21 18	0 49	24 13	0 25	24 3	0 14	24 8	0 21	20 1	1 0	26 47	3 21	2 27	1 51	0 14		n.a.
F 18	16 58	23 35	4 0	11 2	1 6	13 4	0 41	21 26	0 49	24 13	0 25	24 3	0 14	24 8	0 21	20 1	1 0	26 47	3 22	2 25	1 50	0 17		n.a.
S 19	17 14	27 5	4 41	11 53	0 55	13 30	0 39	21 35	0 49	24 14	0 25	24 3	0 14	24 8	0 21	20 1	1 0	26 47	3 22	2 23	1 48	0 21		n.a.
S 20	17 30	28 47	5 4	12 43	0 44	13 56	0 37	21 43	0 50	24 14	0 26	24 3	0 14	24 8	0 21	20 1	1 0	26 47	3 22	2 20	1 47	0 24		n.a.
M21	17 46	28 41	5 9	13 34	0 33	14 22	0 34	21 51	0 50	24 14	0 26	24 3	0 14	24 8	0 21	20 0	1 0	26 48	3 22	2 18	1 46	0 28		n.a.
T 22	18 2	26 56	4 57	14 24	0 21	14 48	0 32	21 59	0 50	24 14	0 26	24 3	0 15	24 8	0 21	20 0	1 0	26 48	3 22	2 16	1 45	0 31		n.a.
W23	18 18	23 50	4 31	15 14	0 10	15 13	0 30	22 7	0 51	24 15	0 26	24 4	0 15	24 8	0 21	20 0	1 0	26 48	3 22	2 14	1 43	0 35		n.a.
T 24	18 33	19 44	3 53	16 4	0n 1	15 38	0 27	22 14	0 51	24 15	0 26	24 4	0 15	24 7	0 21	20 0	1 0	26 48	3 22	2 14	1 42	0 38		n.a.
F 25	18 48	14 54	3 5	16 52	0 12	16 2	0 25	22 22	0 51	24 15	0 27	24 4	0 15	24 7	0 21	20 0	1 0	26 48	3 22	2 14	1 41	0 42		n.a.
S 26	19 2	9 36	2 10	17 39	0 22	16 26	0 23	22 29	0 52	24 15	0 27	24 4	0 15	24 7	0 21	19 59	1 0	26 48	3 22	2 14	1 40	0 45		n.a.
S 27	19 16	4 0	1 9	18 25	0 33	16 50	0 21	22 36	0 52	24 16	0 27	24 4	0 15	24 7	0 21	19 59	1 0	26 48	3 22	2 15	1 38	0 49		n.a.
M28	19 30	1s43	0 6	19 10	0 42	17 13	0 18	22 43	0 53	24 16	0 27	24 4	0 15	24 7	0 21	19 59	1 0	26 49	3 22	2 15	1 37	0 52		n.a.
T 29	19 44	7 24	0s58	19 52	0 52	17 36	0 16	22 50	0 53	24 16	0 27	24 4	0 15	24 7	0 21	19 59	0 59	26 49	3 22	2 15	1 36	0 56		n.a.
W30	19 57	12 53	1 59	20 33	1 0	17 58	0 13	22 57	0 53	24 17	0 28	24 4	0 15	24 7	0 22	19 58	0 59	26 49	3 22	2 14	1 34	0 59		n.a.
T 31	20n10	17s58	2s56	21n11	1n 9	18n20	0s11	23n 3	0n54	24s17	0s28	24n 4	0n15	24s 7	0s22	19n58	0n59	26n49	3n22	2n12	1n33	1s 3		n.a.

Julian Day Number = 1345701.5, Delta T = 07h11m47s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'35, Lahiri = -18°09'35 Julian Calendar 1 May 1029 BCE == Greg. Calendar 21 Apr. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

JUNE 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 59 26	29♉33'41	22♏46	0♊22	23♉ 4	9♊45	1°R 5	0♋ 2	26°R 3	6♌16	20♊23	5°R20	3♈47	2♎55	n.a.	F 1
S 2	16 3 22	0♊30'45	5♐20	2°30	24°18	10°24	1♉ 0	0° 9	26♐ 1	6°17	20°24	5♈11	3°44	3° 2	n.a.	S 2
S 3	16 7 19	1°27'50	18° 8	4°38	25°31	11° 2	0°54	0°16	25°59	6°19	20°26	5° 2	3°41	3° 8	n.a.	S 3
M 4	16 11 15	2°24'55	1♉ 9	6°45	26°45	11°40	0°48	0°23	25°57	6°20	20°28	4°52	3°38	3°15	n.a.	M 4
T 5	16 15 12	3°22'01	14°23	8°51	27°59	12°19	0°42	0°31	25°55	6°21	20°29	4°44	3°35	3°21	n.a.	T 5
W 6	16 19 8	4°19'07	27°49	10°55	29°12	12°57	0°36	0°38	25°53	6°22	20°31	4°37	3°32	3°28	n.a.	W 6
T 7	16 23 5	5°16'14	11♒26	12°58	0♊26	13°35	0°30	0°45	25°51	6°23	20°33	4°32	3°28	3°35	n.a.	T 7
F 8	16 27 2	6°13'22	25°14	14°59	1°40	14°14	0°23	0°52	25°48	6°25	20°34	4°30	3°25	3°41	n.a.	F 8
S 9	16 30 58	7°10'30	9♓12	16°59	2°53	14°52	0°17	0°59	25°46	6°26	20°36	4°D29	3°22	3°48	n.a.	S 9
S 10	16 34 55	8° 7'40	23°20	18°57	4° 7	15°30	0°10	1° 7	25°44	6°27	20°38	4°30	3°19	3°55	n.a.	S 10
M11	16 38 51	9° 4'50	7♈37	20°54	5°21	16° 9	0° 4	1°14	25°42	6°29	20°39	4°R30	3°16	4° 1	n.a.	M11
T 12	16 42 48	10° 2'01	22° 1	22°48	6°35	16°47	29♐57	1°21	25°39	6°30	20°41	4°29	3°13	4° 8	n.a.	T 12
W13	16 46 44	10°59'13	6♉28	24°41	7°49	17°25	29°50	1°28	25°37	6°31	20°43	4°25	3° 9	4°15	n.a.	W13
T 14	16 50 41	11°56'27	20°55	26°32	9° 2	18° 4	29°43	1°36	25°35	6°33	20°44	4°19	3° 6	4°21	n.a.	T 14
F 15	16 54 37	12°53'41	5♊15	28°22	10°16	18°42	29°36	1°43	25°32	6°34	20°46	4°11	3° 3	4°28	n.a.	F 15
S 16	16 58 34	13°50'55	19°22	0♋ 9	11°30	19°20	29°29	1°51	25°30	6°36	20°48	4° 1	3° 0	4°35	n.a.	S 16
S 17	17 2 31	14°48'11	3♋12	1°55	12°44	19°58	29°21	1°58	25°28	6°37	20°49	3°50	2°57	4°41	n.a.	S 17
M18	17 6 27	15°45'27	16°41	3°40	13°58	20°37	29°14	2° 6	25°25	6°39	20°51	3°39	2°53	4°48	n.a.	M18
T 19	17 10 24	16°42'44	29°46	5°22	15°12	21°15	29° 7	2°13	25°23	6°40	20°53	3°30	2°50	4°55	n.a.	T 19
W20	17 14 20	17°40'02	12♌30	7° 3	16°26	21°53	28°59	2°20	25°21	6°42	20°54	3°23	2°47	5° 1	n.a.	W20
T 21	17 18 17	18°37'20	24°53	8°42	17°40	22°32	28°52	2°28	25°18	6°44	20°56	3°19	2°44	5° 8	n.a.	T 21
F 22	17 22 13	19°34'39	7♍ 0	10°19	18°54	23°10	28°44	2°36	25°16	6°45	20°58	3°16	2°41	5°14	n.a.	F 22
S 23	17 26 10	20°31'59	18°55	11°54	20° 8	23°48	28°36	2°43	25°14	6°47	20°59	3°D16	2°38	5°21	n.a.	S 23
S 24	17 30 7	21°29'20	0♎45	13°28	21°22	24°26	28°29	2°51	25°11	6°49	21° 1	3°R16	2°34	5°28	n.a.	S 24
M25	17 34 3	22°26'41	12°33	15° 0	22°36	25° 5	28°21	2°58	25° 9	6°50	21° 3	3°16	2°31	5°34	n.a.	M25
T 26	17 38 0	23°24'03	24°27	16°30	23°50	25°43	28°13	3° 6	25° 6	6°52	21° 4	3°14	2°28	5°41	n.a.	T 26
W27	17 41 56	24°21'26	6♏29	17°59	25° 4	26°21	28° 6	3°13	25° 4	6°54	21° 6	3°10	2°25	5°48	n.a.	W27
T 28	17 45 53	25°18'50	18°45	19°25	26°18	26°59	27°58	3°21	25° 2	6°55	21° 8	3° 4	2°22	5°54	n.a.	T 28
F 29	17 49 49	26°16'15	1♐17	20°50	27°32	27°37	27°50	3°29	24°59	6°57	21°10	2°55	2°19	6° 1	n.a.	F 29
S 30	17 53 46	27♊13'41	14♐ 7	22♋13	28♊46	28♊16	27♐42	3♋36	24♐57	6♌59	21♊11	2♈44	2♈15	6♎ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n23	22s23	3s46	21n47	1n16	18n42	0s 9	23n 9	0n54	24s17	0s28	24n 4	0n15	24s 7	0s22	19n58	0n59	26n49	3n22	2n 9	1n32	1s 6		n.a.
S 2	20 35	25 52	4 25	22 21	1 23	19 3	0 6	23 15	0 54	24 17	0 28	24 5	0 15	24 7	0 22	19 57	0 59	26 49	3 22	2 6	1 31	1 10		n.a.
S 3	20 47	28 7	4 52	22 52	1 29	19 23	0 4	23 21	0 54	24 18	0 29	24 5	0 15	24 7	0 22	19 57	0 59	26 50	3 22	2 2	1 29	1 13		n.a.
M 4	20 58	28 53	5 4	23 20	1 35	19 43	0 2	23 27	0 55	24 18	0 29	24 5	0 16	24 7	0 22	19 57	0 59	26 50	3 22	1 58	1 28	1 17		n.a.
T 5	21 10	28 0	5 1	23 46	1 39	20 2	0n 1	23 32	0 55	24 18	0 29	24 5	0 16	24 7	0 22	19 56	0 59	26 50	3 22	1 54	1 27	1 20		n.a.
W 6	21 21	25 30	4 40	24 9	1 44	20 21	0 3	23 38	0 55	24 18	0 29	24 5	0 16	24 7	0 22	19 56	0 59	26 50	3 22	1 52	1 25	1 24		n.a.
T 7	21 31	21 32	4 4	24 29	1 47	20 39	0 6	23 43	0 56	24 19	0 29	24 5	0 16	24 7	0 22	19 56	0 59	26 50	3 22	1 50	1 24	1 27		n.a.
F 8	21 41	16 21	3 14	24 47	1 50	20 57	0 8	23 48	0 56	24 19	0 30	24 5	0 16	24 7	0 22	19 55	0 59	26 50	3 22	1 49	1 23	1 31		n.a.
S 9	21 51	10 16	2 11	25 2	1 52	21 14	0 10	23 53	0 56	24 19	0 30	24 5	0 16	24 7	0 22	19 55	0 59	26 51	3 22	1 49	1 22	1 34		n.a.
S 10	22 1	3 36	0 59	25 14	1 53	21 31	0 13	23 57	0 57	24 19	0 30	24 5	0 16	24 7	0 22	19 55	0 59	26 51	3 22	1 49	1 20	1 38		n.a.
M11	22 10	3n19	0n17	25 24	1 54	21 47	0 15	24 2	0 57	24 19	0 30	24 5	0 16	24 7	0 22	19 54	0 59	26 51	3 22	1 49	1 19	1 41		n.a.
T 12	22 18	10 7	1 32	25 31	1 54	22 2	0 17	24 6	0 57	24 20	0 30	24 5	0 16	24 7	0 22	19 54	0 59	26 51	3 22	1 48	1 18	1 45		n.a.
W13	22 27	16 25	2 42	25 36	1 54	22 17	0 20	24 10	0 58	24 20	0 31	24 5	0 16	24 6	0 22	19 54	0 59	26 51	3 22	1 47	1 16	1 48		n.a.
T 14	22 35	21 48	3 41	25 39	1 52	22 31	0 22	24 14	0 58	24 20	0 31	24 5	0 16	24 6	0 22	19 53	0 59	26 51	3 23	1 45	1 15	1 52		n.a.
F 15	22 42	25 51	4 25	25 39	1 51	22 45	0 24	24 18	0 58	24 20	0 31	24 5	0 16	24 6	0 22	19 53	0 59	26 52	3 23	1 41	1 14	1 55		n.a.
S 16	22 50	28 15	4 53	25 38	1 48	22 57	0 26	24 21	0 58	24 20	0 31	24 5	0 16	24 6	0 22	19 52	0 59	26 52	3 23	1 37	1 13	1 59		n.a.
S 17	22 56	28 49	5 2	25 34	1 46	23 10	0 29	24 25	0 59	24 20	0 31	24 5	0 17	24 6	0 22	19 52	0 59	26 52	3 23	1 33	1 11	2 2		n.a.
M18	23 3	27 38	4 55	25 28	1 42	23 21	0 31	24 28	0 59	24 21	0 32	24 5	0 17	24 6	0 22	19 52	0 59	26 52	3 23	1 28	1 10	2 6		n.a.
T 19	23 9	24 56	4 31	25 21	1 39	23 32	0 33	24 31	0 59	24 21	0 32	24 5	0 17	24 6	0 22	19 51	0 59	26 52	3 23	1 25	1 9	2 9		n.a.
W20	23 14	21 5	3 55	25 12	1 34	23 42	0 35	24 33	1 0	24 21	0 32	24 5	0 17	24 6	0 22	19 51	0 59	26 53	3 23	1 22	1 7	2 13		n.a.
T 21	23 19	16 24	3 9	25 1	1 30	23 51	0 37	24 36	1 0	24 21	0 32	24 5	0 17	24 6	0 22	19 50	0 59	26 53	3 23	1 20	1 6	2 16		n.a.
F 22	23 24	11 10	2 15	24 49	1 24	24 0	0 39	24 38	1 0	24 21	0 32	24 5	0 17	24 6	0 22	19 50	0 59	26 53	3 23	1 19	1 5	2 20		n.a.
S 23	23 29	5 36	1 15	24 35	1 19	24 8	0 42	24 41	1 0	24 21	0 32	24 5	0 17	24 6	0 22	19 49	0 59	26 53	3 23	1 19	1 4	2 23		n.a.
S 24	23 32	0s 6	0 13	24 20	1 13	24 16	0 44	24 43	1 1	24 21	0 33	24 4	0 17	24 6	0 22	19 49	0 59	26 53	3 23	1 19	1 2	2 26		n.a.
M25	23 36	5 47	0s49	24 3	1 6	24 22	0 46	24 44	1 1	24 21	0 33	24 4	0 17	24 6	0 22	19 49	0 59	26 53	3 23	1 19	1 1	2 30		n.a.
T 26	23 39	11 19	1 50	23 46	0 59	24 28	0 48	24 46	1 1	24 21	0 33	24 4	0 17	24 6	0 22	19 48	0 59	26 54	3 23	1 18	1 0	2 33		n.a.
W27	23 42	16 30	2 46	23 27	0 52	24 33	0 50	24 48	1 1	24 21	0 33	24 4	0 17	24 5	0 22	19 48	0 59	26 54	3 23	1 17	0 59	2 37		n.a.
T 28	23 44	21 8	3 36	23 8	0 45	24 37	0 51	24 49	1 2	24 22	0 33	24 4	0 17	24 5	0 22	19 47	0 59	26 54	3 23	1 14	0 57	2 40		n.a.
F 29	23 46	24 55	4 16	22 47	0 37	24 41	0 53	24 50	1 2	24 22	0 33	24 4	0 18	24 5	0 22	19 47	0 59	26 54	3 23	1 11	0 56	2 44		n.a.
S 30	23n47	27s34	4s45	22n26	0n29	24n44	0n55	24n51	1n 2	24s22	0s34	24n 4	0n18	24s 5	0s22	19n46	0n59	26n54	3n24	1n 6	0n55	2s47		n.a.

Julian Day Number = 1345732.5, Delta T = 07h11m46s
Ecliptic obliquity = 23°49'13, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'31, Lahiri = -18°09'31 Julian Calendar 1 June 1029 BCE == Greg. Calendar 22 May 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

JULY 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 57 42	28♊11'08	27♐15	23♋35	0♋ 1	28♊54	27°R34	3♋44	24°R54	7♎ 1	21♊13	2°R32	2♈12	6♎14	n.a.	S 1
M 2	18 1 39	29° 8'37	10♑39	24°54	1°15	29°32	27♐27	3°52	24♐52	7° 3	21°15	2♈19	2° 9	6°21	n.a.	M 2
T 3	18 5 36	0♌ 6'07	24°17	26°11	2°29	0♋10	27°19	3°59	24°50	7° 5	21°16	2° 8	2° 6	6°28	n.a.	T 3
W 4	18 9 32	1° 3'38	8♒ 5	27°26	3°43	0°49	27°11	4° 7	24°47	7° 6	21°18	1°59	2° 3	6°34	n.a.	W 4
T 5	18 13 29	2° 1'11	22° 2	28°39	4°57	1°27	27° 3	4°14	24°45	7° 8	21°20	1°53	1°59	6°41	n.a.	T 5
F 6	18 17 25	2°58'45	6♓ 4	29°51	6°11	2° 5	26°55	4°22	24°43	7°10	21°21	1°49	1°56	6°48	n.a.	F 6
S 7	18 21 22	3°56'21	20° 8	0♎59	7°26	2°43	26°48	4°30	24°40	7°12	21°23	1°48	1°53	6°54	n.a.	S 7
S 8	18 25 18	4°53'59	4♈15	2° 6	8°40	3°21	26°40	4°37	24°38	7°14	21°25	1°48	1°50	7° 1	n.a.	S 8
M 9	18 29 15	5°51'38	18°22	3°10	9°54	4° 0	26°32	4°45	24°35	7°16	21°26	1°47	1°47	7° 7	n.a.	M 9
T 10	18 33 11	6°49'19	2♉30	4°12	11° 9	4°38	26°25	4°53	24°33	7°18	21°28	1°46	1°44	7°14	n.a.	T 10
W11	18 37 8	7°47'03	16°35	5°11	12°23	5°16	26°17	5° 0	24°31	7°20	21°30	1°42	1°40	7°21	n.a.	W11
T 12	18 41 5	8°44'47	0♊37	6° 7	13°37	5°54	26°10	5° 8	24°29	7°22	21°31	1°35	1°37	7°27	n.a.	T 12
F 13	18 45 1	9°42'34	14°32	7° 0	14°52	6°33	26° 2	5°16	24°26	7°24	21°33	1°26	1°34	7°34	n.a.	F 13
S 14	18 48 58	10°40'23	28°16	7°50	16° 6	7°11	25°55	5°23	24°24	7°26	21°34	1°15	1°31	7°41	n.a.	S 14
S 15	18 52 54	11°38'13	11♋46	8°37	17°20	7°49	25°48	5°31	24°22	7°28	21°36	1° 2	1°28	7°47	n.a.	S 15
M16	18 56 51	12°36'04	24°59	9°21	18°35	8°27	25°41	5°39	24°19	7°30	21°38	0°50	1°25	7°54	n.a.	M16
T 17	19 0 47	13°33'58	7♎54	10° 0	19°49	9° 6	25°34	5°46	24°17	7°32	21°39	0°40	1°21	8° 1	n.a.	T 17
W18	19 4 44	14°31'52	20°31	10°36	21° 3	9°44	25°27	5°54	24°15	7°34	21°41	0°32	1°18	8° 7	n.a.	W18
T 19	19 8 41	15°29'49	2♏50	11° 8	22°18	10°22	25°20	6° 1	24°13	7°36	21°42	0°26	1°15	8°14	n.a.	T 19
F 20	19 12 37	16°27'46	14°54	11°36	23°32	11° 0	25°13	6° 9	24°11	7°38	21°44	0°23	1°12	8°21	n.a.	F 20
S 21	19 16 34	17°25'45	26°49	11°59	24°47	11°39	25° 6	6°17	24° 9	7°41	21°46	0°D22	1° 9	8°27	n.a.	S 21
S 22	19 20 30	18°23'46	8♎38	12°16	26° 1	12°17	25° 0	6°24	24° 6	7°43	21°47	0°22	1° 5	8°34	n.a.	S 22
M23	19 24 27	19°21'48	20°26	12°29	27°16	12°55	24°53	6°32	24° 4	7°45	21°49	0°R22	1° 2	8°41	n.a.	M23
T 24	19 28 23	20°19'52	2♏20	12°37	28°30	13°33	24°47	6°39	24° 2	7°47	21°50	0°22	0°59	8°47	n.a.	T 24
W25	19 32 20	21°17'57	14°25	12°R38	29°45	14°12	24°40	6°47	24° 0	7°49	21°52	0°19	0°56	8°54	n.a.	W25
T 26	19 36 16	22°16'04	26°44	12°34	0♎59	14°50	24°34	6°54	23°58	7°51	21°53	0°15	0°53	9° 0	n.a.	T 26
F 27	19 40 13	23°14'13	9♐23	12°24	2°14	15°28	24°28	7° 2	23°56	7°53	21°55	0° 7	0°50	9° 7	n.a.	F 27
S 28	19 44 9	24°12'23	22°23	12° 7	3°28	16° 6	24°23	7° 9	23°54	7°56	21°56	29♓58	0°46	9°14	n.a.	S 28
S 29	19 48 6	25°10'36	5♑46	11°44	4°43	16°45	24°17	7°17	23°52	7°58	21°58	29°48	0°43	9°20	n.a.	S 29
M30	19 52 3	26° 8'50	19°29	11°15	5°57	17°23	24°11	7°24	23°50	8° 0	21°59	29°37	0°40	9°27	n.a.	M30
T 31	19 55 59	27♋ 7'05	3♒31	10♎39	7♎12	18♋ 1	24♐ 6	7♋31	23♐48	8♎ 2	22♊ 1	29♓28	0♈37	9♎34	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n48	28s46	4s59	22n 3	0n20	24n46	0n57	24n51	1n 2	24s22	0s34	24n 4	0n18	24s 5	0s22	19n46	0n59	26n55	3n24	1n 1	0n53	2s51			n.a.
M 2	23 49	28 19	4 57	21 41	0 12	24 47	0 59	24 52	1 3	24 22	0 34	24 4	0 18	24 5	0 22	19 45	0 59	26 55	3 24	0 56	0 52	2 54			n.a.
T 3	23 49	26 10	4 39	21 17	0 2	24 48	1 0	24 52	1 3	24 22	0 34	24 3	0 18	24 5	0 22	19 45	0 59	26 55	3 24	0 52	0 51	2 58			n.a.
W 4	23 49	22 27	4 3	20 54	0s 7	24 48	1 2	24 52	1 3	24 22	0 34	24 3	0 18	24 5	0 22	19 44	0 59	26 55	3 24	0 48	0 50	3 1			n.a.
T 5	23 48	17 26	3 14	20 29	0 16	24 47	1 4	24 52	1 3	24 22	0 34	24 3	0 18	24 5	0 22	19 44	0 59	26 55	3 24	0 46	0 48	3 5			n.a.
F 6	23 47	11 28	2 12	20 5	0 26	24 45	1 5	24 52	1 4	24 22	0 35	24 3	0 18	24 5	0 22	19 43	0 59	26 56	3 24	0 44	0 47	3 8			n.a.
S 7	23 46	4 54	1 1	19 40	0 36	24 43	1 7	24 51	1 4	24 22	0 35	24 3	0 18	24 5	0 22	19 43	0 59	26 56	3 24	0 44	0 46	3 12			n.a.
S 8	23 44	1n55	0n13	19 15	0 46	24 40	1 8	24 51	1 4	24 21	0 35	24 3	0 18	24 4	0 22	19 42	0 59	26 56	3 24	0 43	0 44	3 15			n.a.
M 9	23 41	8 39	1 26	18 50	0 57	24 36	1 10	24 50	1 4	24 21	0 35	24 2	0 18	24 4	0 22	19 42	0 59	26 56	3 24	0 43	0 43	3 19			n.a.
T 10	23 38	14 57	2 35	18 26	1 7	24 31	1 11	24 49	1 5	24 21	0 35	24 2	0 18	24 4	0 22	19 41	0 59	26 56	3 24	0 43	0 42	3 22			n.a.
W11	23 35	20 27	3 33	18 1	1 18	24 26	1 12	24 48	1 5	24 21	0 35	24 2	0 19	24 4	0 22	19 41	0 59	26 57	3 25	0 41	0 41	3 26			n.a.
T 12	23 32	24 49	4 18	17 37	1 29	24 20	1 13	24 46	1 5	24 21	0 35	24 2	0 19	24 4	0 22	19 40	0 59	26 57	3 25	0 38	0 39	3 29			n.a.
F 13	23 27	27 40	4 48	17 13	1 40	24 13	1 15	24 44	1 5	24 21	0 35	24 2	0 19	24 4	0 22	19 40	0 59	26 57	3 25	0 35	0 38	3 33			n.a.
S 14	23 23	28 49	5 0	16 49	1 51	24 5	1 16	24 43	1 5	24 21	0 36	24 1	0 19	24 4	0 22	19 39	0 59	26 57	3 25	0 30	0 37	3 36			n.a.
S 15	23 18	28 12	4 56	16 26	2 2	23 57	1 17	24 41	1 6	24 21	0 36	24 1	0 19	24 4	0 22	19 39	0 59	26 57	3 25	0 25	0 35	3 40			n.a.
M16	23 13	25 58	4 35	16 4	2 13	23 48	1 18	24 38	1 6	24 21	0 36	24 1	0 19	24 4	0 22	19 38	0 59	26 58	3 25	0 20	0 34	3 43			n.a.
T 17	23 7	22 27	4 0	15 43	2 24	23 38	1 19	24 36	1 6	24 21	0 36	24 1	0 19	24 4	0 22	19 38	0 59	26 58	3 25	0 16	0 33	3 46			n.a.
W18	23 1	17 57	3 15	15 23	2 34	23 27	1 20	24 34	1 6	24 20	0 36	24 0	0 19	24 4	0 22	19 37	0 59	26 58	3 25	0 13	0 32	3 50			n.a.
T 19	22 54	12 49	2 21	15 4	2 45	23 16	1 21	24 31	1 6	24 20	0 36	24 0	0 19	24 3	0 22	19 36	0 59	26 58	3 25	0 11	0 30	3 53			n.a.
F 20	22 47	7 17	1 21	14 46	2 56	23 4	1 21	24 28	1 7	24 20	0 36	24 0	0 19	24 3	0 22	19 36	0 59	26 58	3 25	0 9	0 29	3 57			n.a.
S 21	22 40	1 34	0 19	14 30	3 6	22 51	1 22	24 25	1 7	24 20	0 36	24 0	0 19	24 3	0 22	19 35	0 59	26 59	3 26	0 9	0 28	4 0			n.a.
S 22	22 32	4s 9	0s44	14 15	3 16	22 38	1 23	24 21	1 7	24 20	0 36	23 59	0 20	24 3	0 22	19 35	0 59	26 59	3 26	0 9	0 26	4 4			n.a.
M23	22 24	9 43	1 45	14 2	3 26	22 24	1 23	24 18	1 7	24 20	0 37	23 59	0 20	24 3	0 22	19 34	0 59	26 59	3 26	0 9	0 25	4 7			n.a.
T 24	22 15	15 0	2 42	13 51	3 35	22 9	1 24	24 14	1 7	24 20	0 37	23 59	0 20	24 3	0 22	19 34	0 59	26 59	3 26	0 9	0 24	4 11			n.a.
W25	22 6	19 47	3 32	13 42	3 44	21 54	1 24	24 10	1 8	24 19	0 37	23 58	0 20	24 3	0 22	19 33	0 59	26 59	3 26	0 8	0 23	4 14			n.a.
T 26	21 57	23 50	4 14	13 36	3 52	21 38	1 25	24 6	1 8	24 19	0 37	23 58	0 20	24 3	0 22	19 33	0 59	27 0	3 26	0 6	0 21	4 18			n.a.
F 27	21 47	26 53	4 44	13 32	3 59	21 22	1 25	24 2	1 8	24 19	0 37	23 58	0 20	24 3	0 22	19 32	0 59	27 0	3 26	0 3	0 20	4 21			n.a.
S 28	21 37	28 36	5 1	13 31	4 5	21 4	1 25	23 58	1 8	24 19	0 37	23 58	0 20	24 3	0 22	19 31	0 59	27 0	3 26	0s 1	0 19	4 25			n.a.
S 29	21 26	28 43	5 2	13 32	4 10	20 46	1 26	23 53	1 8	24 19	0 37	23 57	0 20	24 3	0 22	19 31	0 59	27 0	3 26	0 5	0 17	4 28			n.a.
M30	21 15	27 5	4 46	13 36	4 14	20 28	1 26	23 48	1 9	24 19	0 37	23 57	0 20	24 2	0 22	19 30	0 59	27 1	3 27	0 9	0 16	4 31			n.a.
T 31	21n 4	23s45	4s12	13n44	4s17	20n 9	1n26	23n43	1n 9	24s18	0s37	23n57	0n20	24s 2	0s22	19n30	0n59	27n 1	3n27	0s13	0n15	4s35			n.a.

Julian Day Number = 1345762.5, Delta T = 07h11m44s
Ecliptic obliquity = 23°49'12, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'27, Lahiri = -18°09'27 Julian Calendar 1 July 1029 BCE == Greg. Calendar 21 June 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

AUGUST 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 59 56	28♋ 5'23	17♒45	9°R58	8♌26	18♋39	24°R 1	7♋39	23°R47	8♌ 4	22♊ 2	29°R20	0♈34	9♎40	n.a.	W 1
T 2	20 3 52	29° 3'43	2♓ 7	9♌11	9°41	19°18	23♐56	7°46	23♐45	8° 7	22° 3	29♓15	0°31	9°47	n.a.	T 2
F 3	20 7 49	0♌ 2'05	16°32	8°19	10°55	19°56	23°51	7°53	23°43	8° 9	22° 5	29°12	0°27	9°54	n.a.	F 3
S 4	20 11 45	1° 0'29	0♈54	7°23	12°10	20°34	23°46	8° 1	23°41	8°11	22° 6	29°D12	0°24	10° 0	n.a.	S 4
S 5	20 15 42	1°58'55	15°11	6°24	13°24	21°13	23°41	8° 8	23°40	8°13	22° 7	29°12	0°21	10° 7	n.a.	S 5
M 6	20 19 38	2°57'24	29°21	5°23	14°39	21°51	23°37	8°15	23°38	8°15	22° 9	29°R13	0°18	10°14	n.a.	M 6
T 7	20 23 35	3°55'55	13♉22	4°21	15°54	22°29	23°33	8°22	23°36	8°18	22°10	29°12	0°15	10°20	n.a.	T 7
W 8	20 27 32	4°54'28	27°13	3°20	17° 8	23° 8	23°28	8°29	23°35	8°20	22°12	29°10	0°11	10°27	n.a.	W 8
T 9	20 31 28	5°53'04	10♊55	2°21	18°23	23°46	23°24	8°37	23°33	8°22	22°13	29° 6	0° 8	10°34	n.a.	T 9
F 10	20 35 25	6°51'43	24°26	1°26	19°37	24°24	23°21	8°44	23°31	8°24	22°14	28°59	0° 5	10°40	n.a.	F 10
S 11	20 39 21	7°50'23	7♋45	0°36	20°52	25° 3	23°17	8°51	23°30	8°27	22°15	28°51	0° 2	10°47	n.a.	S 11
S 12	20 43 18	8°49'06	20°52	29♋52	22° 7	25°41	23°14	8°58	23°28	8°29	22°17	28°42	29♓59	10°54	n.a.	S 12
M13	20 47 14	9°47'51	3♌45	29°16	23°21	26°20	23°10	9° 5	23°27	8°31	22°18	28°33	29°56	11° 0	n.a.	M13
T 14	20 51 11	10°46'38	16°23	28°48	24°36	26°58	23° 7	9°12	23°26	8°33	22°19	28°26	29°52	11° 7	n.a.	T 14
W15	20 55 7	11°45'27	28°47	28°29	25°51	27°36	23° 5	9°19	23°24	8°36	22°20	28°20	29°49	11°13	n.a.	W15
T 16	20 59 4	12°44'18	10♍58	28°D20	27° 5	28°15	23° 2	9°25	23°23	8°38	22°21	28°16	29°46	11°20	n.a.	T 16
F 17	21 3 1	13°43'11	22°58	28°20	28°20	28°53	22°59	9°32	23°22	8°40	22°23	28°D14	29°43	11°27	n.a.	F 17
S 18	21 6 57	14°42'06	4♎50	28°31	29°35	29°32	22°57	9°39	23°21	8°42	22°24	28°14	29°40	11°33	n.a.	S 18
S 19	21 10 54	15°41'03	16°37	28°51	0♍49	0♌10	22°55	9°46	23°19	8°44	22°25	28°16	29°37	11°40	n.a.	S 19
M20	21 14 50	16°40'02	28°25	29°21	2° 4	0°49	22°53	9°52	23°18	8°47	22°26	28°17	29°33	11°47	n.a.	M20
T 21	21 18 47	17°39'03	10♏17	29°59	3°18	1°27	22°51	9°59	23°17	8°49	22°27	28°18	29°30	11°53	n.a.	T 21
W22	21 22 43	18°38'06	22°21	0♌47	4°33	2° 5	22°50	10° 6	23°16	8°51	22°28	28°R19	29°27	12° 0	n.a.	W22
T 23	21 26 40	19°37'11	4♐39	1°43	5°48	2°44	22°49	10°12	23°15	8°53	22°29	28°17	29°24	12° 7	n.a.	T 23
F 24	21 30 36	20°36'17	17°17	2°46	7° 2	3°22	22°48	10°19	23°14	8°55	22°30	28°15	29°21	12°13	n.a.	F 24
S 25	21 34 33	21°35'26	0♑19	3°56	8°17	4° 1	22°47	10°25	23°13	8°58	22°31	28°10	29°17	12°20	n.a.	S 25
S 26	21 38 29	22°34'37	13°47	5°11	9°32	4°39	22°46	10°31	23°12	9° 0	22°32	28° 5	29°14	12°27	n.a.	S 26
M27	21 42 26	23°33'49	27°40	6°32	10°46	5°18	22°45	10°38	23°12	9° 2	22°33	27°59	29°11	12°33	n.a.	M27
T 28	21 46 23	24°33'04	11♒56	7°58	12° 1	5°56	22°45	10°44	23°11	9° 4	22°34	27°54	29° 8	12°40	n.a.	T 28
W29	21 50 19	25°32'21	26°31	9°28	13°15	6°35	22°D45	10°50	23°10	9° 6	22°35	27°50	29° 5	12°47	n.a.	W29
T 30	21 54 16	26°31'39	11♓17	11° 1	14°30	7°13	22°45	10°56	23° 9	9° 9	22°36	27°48	29° 2	12°53	n.a.	T 30
F 31	21 58 12	27♌31'00	26♓ 7	12♌37	15♍45	7♌52	22♐45	11♋ 2	23♐ 9	9♌11	22♊37	27°D47	28♓58	13♎ 0	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n52	18s58	3s22	13n54	4s17	19n49	1n26	23n38	1n 9	24s18	0s37	23n56	0n21	24s 2	0s22	19n29	0n59	27n 1	3n27	0s16	0n14	4s38		n.a.
T 2	20 40	13 3	2 19	14 7	4 16	19 29	1 26	23 33	1 9	24 18	0 37	23 56	0 21	24 2	0 22	19 29	0 59	27 1	3 27	0 18	0 12	4 42		n.a.
F 3	20 28	6 26	1 7	14 24	4 14	19 8	1 26	23 27	1 9	24 18	0 37	23 56	0 21	24 2	0 22	19 28	0 59	27 1	3 27	0 19	0 11	4 45		n.a.
S 4	20 15	0n30	0n 9	14 42	4 9	18 47	1 26	23 22	1 9	24 18	0 38	23 55	0 21	24 2	0 22	19 27	0 59	27 2	3 27	0 20	0 10	4 49		n.a.
S 5	20 2	7 22	1 25	15 4	4 2	18 25	1 25	23 16	1 10	24 18	0 38	23 55	0 21	24 2	0 22	19 27	0 59	27 2	3 27	0 19	0 8	4 52		n.a.
M 6	19 49	13 49	2 34	15 27	3 54	18 3	1 25	23 10	1 10	24 17	0 38	23 55	0 21	24 2	0 22	19 26	0 59	27 2	3 27	0 19	0 7	4 56		n.a.
T 7	19 35	19 30	3 34	15 52	3 43	17 40	1 25	23 4	1 10	24 17	0 38	23 54	0 21	24 2	0 22	19 26	0 59	27 2	3 28	0 19	0 6	4 59		n.a.
W 8	19 20	24 4	4 20	16 19	3 30	17 17	1 24	22 57	1 10	24 17	0 38	23 54	0 21	24 2	0 22	19 25	0 59	27 2	3 28	0 20	0 5	5 3		n.a.
T 9	19 6	27 14	4 51	16 46	3 16	16 53	1 24	22 51	1 10	24 17	0 38	23 53	0 21	24 2	0 22	19 24	0 59	27 3	3 28	0 22	0 3	5 6		n.a.
F 10	18 51	28 47	5 5	17 14	3 0	16 29	1 23	22 44	1 10	24 17	0 38	23 53	0 21	24 1	0 22	19 24	0 59	27 3	3 28	0 25	0 2	5 9		n.a.
S 11	18 36	28 38	5 3	17 41	2 43	16 4	1 23	22 37	1 10	24 17	0 38	23 53	0 22	24 1	0 22	19 23	0 59	27 3	3 28	0 28	0 1	5 13		n.a.
S 12	18 20	26 51	4 44	18 8	2 25	15 39	1 22	22 30	1 11	24 17	0 38	23 52	0 22	24 1	0 22	19 23	0 59	27 3	3 28	0 31	0s 0	5 16		n.a.
M13	18 5	23 41	4 11	18 34	2 7	15 13	1 21	22 23	1 11	24 16	0 38	23 52	0 22	24 1	0 22	19 22	0 59	27 3	3 28	0 35	0 2	5 20		n.a.
T 14	17 48	19 27	3 26	18 59	1 47	14 47	1 20	22 15	1 11	24 16	0 38	23 52	0 22	24 1	0 22	19 22	0 59	27 4	3 28	0 38	0 3	5 23		n.a.
W15	17 32	14 27	2 32	19 21	1 28	14 21	1 19	22 8	1 11	24 16	0 38	23 51	0 22	24 1	0 22	19 21	0 59	27 4	3 29	0 40	0 4	5 27		n.a.
T 16	17 15	8 59	1 32	19 42	1 9	13 54	1 18	22 0	1 11	24 16	0 38	23 51	0 22	24 1	0 22	19 20	0 59	27 4	3 29	0 42	0 6	5 30		n.a.
F 17	16 58	3 16	0 29	20 0	0 50	13 27	1 17	21 52	1 11	24 16	0 38	23 50	0 22	24 1	0 22	19 20	0 59	27 4	3 29	0 43	0 7	5 34		n.a.
S 18	16 41	2s30	0s36	20 16	0 32	12 59	1 16	21 44	1 11	24 16	0 38	23 50	0 22	24 1	0 22	19 19	0 59	27 5	3 29	0 43	0 8	5 37		n.a.
S 19	16 23	8 8	1 38	20 29	0 15	12 31	1 15	21 36	1 12	24 16	0 38	23 50	0 22	24 1	0 22	19 19	0 59	27 5	3 29	0 42	0 9	5 40		n.a.
M20	16 5	13 31	2 37	20 39	0n 2	12 3	1 14	21 28	1 12	24 16	0 38	23 49	0 23	24 1	0 22	19 18	0 59	27 5	3 29	0 41	0 11	5 44		n.a.
T 21	15 47	18 26	3 29	20 46	0 17	11 35	1 13	21 19	1 12	24 16	0 38	23 49	0 23	24 1	0 22	19 18	0 59	27 5	3 29	0 41	0 12	5 47		n.a.
W22	15 29	22 42	4 12	20 49	0 32	11 6	1 11	21 11	1 12	24 16	0 38	23 48	0 23	24 1	0 22	19 17	0 59	27 5	3 30	0 41	0 13	5 51		n.a.
T 23	15 10	26 5	4 46	20 50	0 45	10 37	1 10	21 2	1 12	24 16	0 38	23 48	0 23	24 1	0 22	19 16	0 59	27 6	3 30	0 41	0 15	5 54		n.a.
F 24	14 51	28 16	5 6	20 47	0 57	10 7	1 9	20 53	1 12	24 16	0 38	23 48	0 23	24 0	0 22	19 16	0 59	27 6	3 30	0 43	0 16	5 58		n.a.
S 25	14 32	29 0	5 11	20 41	1 8	9 38	1 7	20 44	1 12	24 16	0 38	23 47	0 23	24 0	0 22	19 15	0 59	27 6	3 30	0 44	0 17	6 1		n.a.
S 26	14 12	28 4	5 0	20 31	1 17	9 8	1 5	20 34	1 12	24 16	0 39	23 47	0 23	24 0	0 22	19 15	0 59	27 6	3 30	0 46	0 18	6 4		n.a.
M27	13 53	25 23	4 31	20 19	1 26	8 38	1 4	20 25	1 12	24 16	0 39	23 46	0 23	24 0	0 22	19 14	0 59	27 6	3 30	0 49	0 20	6 8		n.a.
T 28	13 33	21 4	3 45	20 4	1 33	8 7	1 2	20 15	1 13	24 16	0 39	23 46	0 23	24 0	0 22	19 14	0 59	27 7	3 30	0 51	0 21	6 11		n.a.
W29	13 13	15 25	2 43	19 46	1 39	7 37	1 0	20 6	1 13	24 16	0 39	23 46	0 24	24 0	0 22	19 13	0 59	27 7	3 31	0 52	0 22	6 15		n.a.
T 30	12 52	8 49	1 29	19 25	1 44	7 6	0 59	19 56	1 13	24 16	0 39	23 45	0 24	24 0	0 22	19 12	0 59	27 7	3 31	0 53	0 24	6 18		n.a.
F 31	12n32	1s43	0s 9	19n 1	1n48	6n35	0n57	19n46	1n13	24s16	0s39	23n45	0n24	24s 0	0s22	19n12	0n59	27n 7	3n31	0s54	0s25	6s22		n.a.

Julian Day Number = 1345793.5, Delta T = 07h11m43s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'23, Lahiri = -18°09'22 Julian Calendar 1 Aug. 1029 BCE == Greg. Calendar 22 July 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

SEPTEMBER 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 9	28♌30'24	10♈53	14♌15	16♍59	8♌31	22♐46	11♋ 8	23°R 8	9♌13	22♊38	27♓47	28♓55	13♎ 6	n.a.	S 1
S 2	22 6 5	29°29'49	25°31	15°55	18°14	9° 9	22°47	11°14	23♐ 8	9°15	22°38	27°48	28°52	13°13	n.a.	S 2
M 3	22 10 2	0♍29'18	9♉55	17°36	19°28	9°48	22°47	11°20	23° 7	9°17	22°39	27°50	28°49	13°20	n.a.	M 3
T 4	22 13 58	1°28'49	24° 2	19°18	20°43	10°26	22°48	11°26	23° 7	9°19	22°40	27°51	28°46	13°26	n.a.	T 4
W 5	22 17 55	2°28'22	7♊51	21° 2	21°58	11° 5	22°50	11°32	23° 6	9°21	22°41	27°R51	28°43	13°33	n.a.	W 5
T 6	22 21 52	3°27'58	21°23	22°46	23°12	11°44	22°51	11°37	23° 6	9°23	22°41	27°50	28°39	13°40	n.a.	T 6
F 7	22 25 48	4°27'36	4♋38	24°30	24°27	12°22	22°53	11°43	23° 6	9°25	22°42	27°48	28°36	13°46	n.a.	F 7
S 8	22 29 45	5°27'17	17°38	26°14	25°41	13° 1	22°55	11°49	23° 6	9°27	22°43	27°45	28°33	13°53	n.a.	S 8
S 9	22 33 41	6°27'00	0♌23	27°59	26°56	13°39	22°57	11°54	23° 5	9°29	22°44	27°41	28°30	14° 0	n.a.	S 9
M10	22 37 38	7°26'45	12°55	29°43	28°11	14°18	22°59	12° 0	23° 5	9°32	22°44	27°38	28°27	14° 6	n.a.	M10
T 11	22 41 34	8°26'33	25°16	1♍27	29°25	14°57	23° 1	12° 5	23° 5	9°34	22°45	27°35	28°23	14°13	n.a.	T 11
W12	22 45 31	9°26'22	7♍26	3°11	0♎40	15°36	23° 4	12°10	23°D 5	9°36	22°45	27°33	28°20	14°20	n.a.	W12
T 13	22 49 27	10°26'14	19°27	4°54	1°54	16°14	23° 7	12°15	23° 5	9°38	22°46	27°32	28°17	14°26	n.a.	T 13
F 14	22 53 24	11°26'08	1♎21	6°37	3° 9	16°53	23°10	12°21	23° 5	9°39	22°46	27°D32	28°14	14°33	n.a.	F 14
S 15	22 57 20	12°26'03	13°10	8°20	4°23	17°32	23°13	12°26	23° 5	9°41	22°47	27°32	28°11	14°40	n.a.	S 15
S 16	23 1 17	13°26'01	24°56	10° 2	5°38	18°10	23°17	12°31	23° 6	9°43	22°47	27°34	28° 8	14°46	n.a.	S 16
M17	23 5 14	14°26'01	6♏44	11°43	6°52	18°49	23°20	12°36	23° 6	9°45	22°48	27°35	28° 4	14°53	n.a.	M17
T 18	23 9 10	15°26'02	18°37	13°24	8° 7	19°28	23°24	12°40	23° 6	9°47	22°48	27°36	28° 1	15° 0	n.a.	T 18
W19	23 13 7	16°26'05	0♐39	15° 5	9°22	20° 7	23°28	12°45	23° 6	9°49	22°49	27°37	27°58	15° 6	n.a.	W19
T 20	23 17 3	17°26'11	12°54	16°44	10°36	20°45	23°32	12°50	23° 7	9°51	22°49	27°R38	27°55	15°13	n.a.	T 20
F 21	23 21 0	18°26'18	25°28	18°24	11°51	21°24	23°36	12°54	23° 7	9°53	22°49	27°37	27°52	15°20	n.a.	F 21
S 22	23 24 56	19°26'26	8♑24	20° 3	13° 5	22° 3	23°41	12°59	23° 8	9°55	22°50	27°37	27°49	15°26	n.a.	S 22
S 23	23 28 53	20°26'37	21°46	21°41	14°19	22°42	23°46	13° 3	23° 8	9°56	22°50	27°36	27°45	15°33	n.a.	S 23
M24	23 32 49	21°26'49	5♒35	23°19	15°34	23°21	23°51	13° 8	23° 9	9°58	22°50	27°35	27°42	15°39	n.a.	M24
T 25	23 36 46	22°27'02	19°51	24°56	16°48	23°59	23°56	13°12	23° 9	10° 0	22°50	27°35	27°39	15°46	n.a.	T 25
W26	23 40 43	23°27'18	4♓31	26°33	18° 3	24°38	24° 1	13°16	23°10	10° 2	22°51	27°34	27°36	15°53	n.a.	W26
T 27	23 44 39	24°27'35	19°29	28°10	19°17	25°17	24° 6	13°20	23°11	10° 3	22°51	27°34	27°33	15°59	n.a.	T 27
F 28	23 48 36	25°27'54	4♈37	29°45	20°32	25°56	24°12	13°24	23°12	10° 5	22°51	27°D34	27°29	16° 6	n.a.	F 28
S 29	23 52 32	26°28'14	19°46	1♎21	21°46	26°35	24°18	13°28	23°12	10° 7	22°51	27°34	27°26	16°13	n.a.	S 29
S 30	23 56 29	27♍28'37	4♉47	2♎56	23♎ 0	27♌14	24♐23	13♋32	23♐13	10♌ 8	22♊51	27°R34	27♓23	16♎19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n11	5n28	1n11	18n36	1n51	6n 4	0n55	19n36	1n13	24s16	0s39	23n45	0n24	24s 0	0s22	19n11	0n59	27n 7	3n31	0s54	0s26	6s25		n.a.
S 2	11 50	12 17	2 26	18 7	1 54	5 32	0 53	19 25	1 13	24 16	0 39	23 44	0 24	24 0	0 22	19 11	0 59	27 8	3 31	0 53	0 27	6 28		n.a.
M 3	11 29	18 21	3 31	17 37	1 55	5 1	0 51	19 15	1 13	24 16	0 39	23 44	0 24	24 0	0 22	19 10	0 59	27 8	3 31	0 53	0 29	6 32		n.a.
T 4	11 7	23 18	4 22	17 6	1 56	4 29	0 49	19 4	1 13	24 16	0 39	23 43	0 24	24 0	0 22	19 10	0 59	27 8	3 32	0 52	0 30	6 35		n.a.
W 5	10 45	26 50	4 56	16 32	1 55	3 57	0 47	18 54	1 13	24 16	0 39	23 43	0 24	24 0	0 22	19 9	0 59	27 8	3 32	0 52	0 31	6 39		n.a.
T 6	10 24	28 44	5 13	15 57	1 55	3 25	0 45	18 43	1 13	24 16	0 39	23 43	0 25	24 0	0 22	19 9	0 59	27 8	3 32	0 52	0 33	6 42		n.a.
F 7	10 2	28 56	5 12	15 20	1 53	2 53	0 43	18 32	1 13	24 16	0 39	23 42	0 25	24 0	0 22	19 8	0 59	27 9	3 32	0 53	0 34	6 45		n.a.
S 8	9 40	27 32	4 56	14 43	1 51	2 21	0 41	18 21	1 14	24 16	0 39	23 42	0 25	24 0	0 22	19 7	1 0	27 9	3 32	0 55	0 35	6 49		n.a.
S 9	9 17	24 42	4 25	14 4	1 49	1 49	0 38	18 10	1 14	24 16	0 39	23 41	0 25	24 0	0 22	19 7	1 0	27 9	3 32	0 56	0 36	6 52		n.a.
M10	8 55	20 44	3 42	13 24	1 46	1 17	0 36	17 58	1 14	24 17	0 39	23 41	0 25	24 0	0 22	19 6	1 0	27 9	3 33	0 57	0 38	6 56		n.a.
T 11	8 32	15 57	2 49	12 43	1 43	0 45	0 34	17 47	1 14	24 17	0 39	23 41	0 25	24 0	0 22	19 6	1 0	27 9	3 33	0 58	0 39	6 59		n.a.
W12	8 9	10 36	1 49	12 2	1 39	0 13	0 31	17 35	1 14	24 17	0 39	23 40	0 25	24 0	0 22	19 5	1 0	27 10	3 33	0 59	0 40	7 3		n.a.
T 13	7 46	4 55	0 45	11 20	1 35	0s20	0 29	17 24	1 14	24 17	0 39	23 40	0 25	24 0	0 22	19 5	1 0	27 10	3 33	1 0	0 42	7 6		n.a.
F 14	7 23	0s52	0s21	10 37	1 30	0 52	0 26	17 12	1 14	24 17	0 39	23 40	0 26	24 0	0 22	19 4	1 0	27 10	3 33	1 0	0 43	7 9		n.a.
S 15	7 0	6 35	1 26	9 54	1 25	1 24	0 24	17 0	1 14	24 17	0 39	23 39	0 26	24 0	0 22	19 4	1 0	27 10	3 33	1 0	0 44	7 13		n.a.
S 16	6 37	12 4	2 26	9 10	1 20	1 57	0 22	16 48	1 14	24 17	0 39	23 39	0 26	24 0	0 22	19 3	1 0	27 10	3 33	0 59	0 45	7 16		n.a.
M17	6 13	17 8	3 21	8 26	1 15	2 29	0 19	16 36	1 14	24 18	0 39	23 39	0 26	24 0	0 22	19 3	1 0	27 11	3 34	0 59	0 47	7 20		n.a.
T 18	5 50	21 35	4 7	7 42	1 10	3 1	0 16	16 23	1 14	24 18	0 39	23 38	0 26	24 0	0 22	19 2	1 0	27 11	3 34	0 58	0 48	7 23		n.a.
W19	5 26	25 13	4 43	6 57	1 4	3 33	0 14	16 11	1 14	24 18	0 39	23 38	0 26	24 0	0 22	19 2	1 0	27 11	3 34	0 58	0 49	7 26		n.a.
T 20	5 2	27 47	5 7	6 13	0 58	4 5	0 11	15 58	1 14	24 18	0 39	23 38	0 26	24 0	0 22	19 1	1 0	27 11	3 34	0 58	0 51	7 30		n.a.
F 21	4 39	29 2	5 17	5 28	0 52	4 37	0 9	15 46	1 14	24 19	0 39	23 37	0 26	24 0	0 22	19 1	1 0	27 11	3 34	0 58	0 52	7 33		n.a.
S 22	4 15	28 44	5 12	4 43	0 46	5 9	0 6	15 33	1 14	24 19	0 39	23 37	0 27	24 0	0 22	19 0	1 0	27 11	3 34	0 58	0 53	7 36		n.a.
S 23	3 51	26 48	4 50	3 58	0 40	5 41	0 3	15 20	1 14	24 19	0 39	23 37	0 27	24 0	0 22	19 0	1 0	27 12	3 35	0 58	0 54	7 40		n.a.
M24	3 27	23 13	4 11	3 13	0 34	6 13	0 1	15 7	1 14	24 19	0 39	23 36	0 27	24 0	0 22	19 0	1 0	27 12	3 35	0 58	0 56	7 43		n.a.
T 25	3 2	18 10	3 15	2 28	0 28	6 44	0s 2	14 54	1 14	24 19	0 39	23 36	0 27	24 0	0 22	18 59	1 0	27 12	3 35	0 59	0 57	7 47		n.a.
W26	2 38	11 56	2 5	1 43	0 21	7 16	0 5	14 41	1 14	24 20	0 39	23 36	0 27	24 0	0 22	18 59	1 0	27 12	3 35	0 59	0 58	7 50		n.a.
T 27	2 14	4 55	0 45	0 58	0 15	7 47	0 7	14 28	1 14	24 20	0 39	23 36	0 27	24 0	0 22	18 58	1 0	27 12	3 35	0 59	1 0	7 53		n.a.
F 28	1 50	2n28	0n39	0 13	0 8	8 18	0 10	14 14	1 14	24 20	0 39	23 35	0 27	24 0	0 22	18 58	1 0	27 13	3 35	0 59	1 1	7 57		n.a.
S 29	1 25	9 42	2 0	0s31	0 2	8 49	0 13	14 1	1 14	24 20	0 39	23 35	0 28	24 0	0 21	18 57	1 0	27 13	3 36	0 59	1 2	8 0		n.a.
S 30	1n 1	16n20	3n13	1s16	0s 5	9s19	0s16	13n47	1n14	24s21	0s39	23n35	0n28	24s 0	0s21	18n57	1n 0	27n13	3n36	0s59	1s 3	8s 4		n.a.

Julian Day Number = 1345824.5, Delta T = 07h11m41s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'19, Lahiri = -18°09'18 Julian Calendar 1 Sept. 1029 BCE == Greg. Calendar 22 Aug. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

OCTOBER 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 0 25	28♍29'02	19♉31	4♎31	24♎15	27♌53	24♐30	13♋35	23♐14	10♌10	22♊51	27°R34	27♓20	16♎26	n.a.	M 1
T 2	0 4 22	29°29'29	3♊54	6° 5	25°29	28°32	24°36	13°39	23°15	10°12	22°51	27♓34	27°17	16°33	n.a.	T 2
W 3	0 8 18	0♎29'58	17°53	7°39	26°43	29°11	24°42	13°42	23°16	10°13	22°51	27°34	27°14	16°39	n.a.	W 3
T 4	0 12 15	1°30'30	1♋27	9°13	27°58	29°50	24°49	13°46	23°17	10°15	22°R51	27°D34	27°10	16°46	n.a.	T 4
F 5	0 16 12	2°31'03	14°37	10°46	29°12	0♍29	24°56	13°49	23°19	10°16	22°51	27°34	27° 7	16°53	n.a.	F 5
S 6	0 20 8	3°31'38	27°27	12°19	0♏26	1° 8	25° 2	13°52	23°20	10°18	22°51	27°34	27° 4	16°59	n.a.	S 6
S 7	0 24 5	4°32'15	9♌59	13°52	1°41	1°47	25° 9	13°55	23°21	10°19	22°51	27°35	27° 1	17° 6	n.a.	S 7
M 8	0 28 1	5°32'54	22°16	15°25	2°55	2°26	25°17	13°58	23°22	10°21	22°51	27°36	26°58	17°13	n.a.	M 8
T 9	0 31 58	6°33'35	4♍23	16°57	4° 9	3° 5	25°24	14° 1	23°24	10°22	22°51	27°37	26°54	17°19	n.a.	T 9
W10	0 35 54	7°34'18	16°21	18°29	5°23	3°44	25°32	14° 4	23°25	10°24	22°51	27°37	26°51	17°26	n.a.	W10
T 11	0 39 51	8°35'02	28°13	20° 0	6°38	4°23	25°39	14° 7	23°26	10°25	22°51	27°R38	26°48	17°33	n.a.	T 11
F 12	0 43 47	9°35'47	10♎ 2	21°32	7°52	5° 2	25°47	14° 9	23°28	10°26	22°50	27°37	26°45	17°39	n.a.	F 12
S 13	0 47 44	10°36'35	21°50	23° 3	9° 6	5°41	25°55	14°12	23°30	10°28	22°50	27°36	26°42	17°46	n.a.	S 13
S 14	0 51 40	11°37'23	3♏38	24°33	10°20	6°20	26° 3	14°14	23°31	10°29	22°50	27°34	26°39	17°53	n.a.	S 14
M15	0 55 37	12°38'13	15°30	26° 4	11°34	6°59	26°11	14°17	23°33	10°30	22°50	27°32	26°35	17°59	n.a.	M15
T 16	0 59 34	13°39'05	27°26	27°34	12°49	7°38	26°20	14°19	23°34	10°32	22°49	27°30	26°32	18° 6	n.a.	T 16
W17	1 3 30	14°39'57	9♐31	29° 4	14° 3	8°17	26°28	14°21	23°36	10°33	22°49	27°27	26°29	18°13	n.a.	W17
T 18	1 7 27	15°40'51	21°48	0♏33	15°17	8°56	26°37	14°23	23°38	10°34	22°49	27°25	26°26	18°19	n.a.	T 18
F 19	1 11 23	16°41'46	4♑19	2° 2	16°31	9°35	26°46	14°25	23°40	10°35	22°48	27°23	26°23	18°26	n.a.	F 19
S 20	1 15 20	17°42'42	17° 9	3°31	17°45	10°15	26°55	14°27	23°42	10°36	22°48	27°D23	26°20	18°32	n.a.	S 20
S 21	1 19 16	18°43'39	0♒20	4°59	18°59	10°54	27° 4	14°28	23°43	10°37	22°47	27°23	26°16	18°39	n.a.	S 21
M22	1 23 13	19°44'37	13°57	6°27	20°13	11°33	27°13	14°30	23°45	10°38	22°47	27°24	26°13	18°46	n.a.	M22
T 23	1 27 10	20°45'35	28° 1	7°54	21°27	12°12	27°23	14°31	23°47	10°39	22°46	27°26	26°10	18°52	n.a.	T 23
W24	1 31 6	21°46'35	12♓30	9°20	22°41	12°51	27°32	14°32	23°49	10°40	22°46	27°27	26° 7	18°59	n.a.	W24
T 25	1 35 3	22°47'35	27°21	10°46	23°55	13°30	27°42	14°34	23°51	10°41	22°45	27°R28	26° 4	19° 6	n.a.	T 25
F 26	1 38 59	23°48'37	12♈30	12°10	25° 9	14°10	27°51	14°35	23°54	10°42	22°45	27°27	26° 0	19°12	n.a.	F 26
S 27	1 42 56	24°49'39	27°46	13°34	26°23	14°49	28° 1	14°36	23°56	10°43	22°44	27°25	25°57	19°19	n.a.	S 27
S 28	1 46 52	25°50'43	13♉ 0	14°56	27°37	15°28	28°11	14°37	23°58	10°44	22°44	27°22	25°54	19°26	n.a.	S 28
M29	1 50 49	26°51'47	28° 1	16°17	28°51	16° 7	28°21	14°37	24° 0	10°45	22°43	27°17	25°51	19°32	n.a.	M29
T 30	1 54 45	27°52'53	12♊41	17°36	0♐ 4	16°47	28°32	14°38	24° 2	10°46	22°42	27°13	25°48	19°39	n.a.	T 30
W31	1 58 42	28♎54'00	26♊54	18♏53	1♐18	17♍26	28♐42	14♋39	24♐ 5	10♌46	22♊42	27♓ 9	25♓45	19♎46	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n37	21n54	4n11	2s 0	0s12	9s50	0s18	13n34	1n14	24s21	0s39	23n35	0n28	24s 0	0s21	18n56	1n 0	27n13	3n36	0s59	1s 5	8s 7		n.a.
T 2	0 12	26 2	4 51	2 44	0 18	10 20	0 21	13 20	1 14	24 21	0 39	23 34	0 28	24 0	0 21	18 56	1 0	27 13	3 36	0 59	1 6	8 10		n.a.
W 3	0s12	28 27	5 13	3 28	0 25	10 50	0 24	13 6	1 14	24 21	0 39	23 34	0 28	24 0	0 21	18 56	1 0	27 13	3 36	0 59	1 7	8 14		n.a.
T 4	0 37	29 6	5 17	4 11	0 31	11 20	0 27	12 52	1 14	24 22	0 39	23 34	0 28	24 0	0 21	18 55	1 0	27 14	3 36	0 59	1 8	8 17		n.a.
F 5	1 1	28 2	5 4	4 54	0 38	11 49	0 29	12 38	1 14	24 22	0 39	23 34	0 28	24 0	0 21	18 55	1 0	27 14	3 37	0 59	1 10	8 20		n.a.
S 6	1 25	25 30	4 36	5 37	0 44	12 18	0 32	12 24	1 14	24 22	0 39	23 33	0 29	24 0	0 21	18 55	1 0	27 14	3 37	0 59	1 11	8 24		n.a.
S 7	1 50	21 48	3 55	6 20	0 50	12 47	0 35	12 10	1 14	24 23	0 39	23 33	0 29	24 0	0 21	18 54	1 0	27 14	3 37	0 59	1 12	8 27		n.a.
M 8	2 14	17 12	3 4	7 2	0 57	13 16	0 38	11 56	1 14	24 23	0 39	23 33	0 29	24 0	0 21	18 54	1 0	27 14	3 37	0 58	1 14	8 30		n.a.
T 9	2 39	12 0	2 6	7 43	1 3	13 44	0 40	11 41	1 14	24 23	0 39	23 33	0 29	24 1	0 21	18 53	1 1	27 14	3 37	0 58	1 15	8 34		n.a.
W10	3 3	6 25	1 2	8 25	1 9	14 12	0 43	11 27	1 14	24 23	0 39	23 33	0 29	24 1	0 21	18 53	1 1	27 15	3 37	0 58	1 16	8 37		n.a.
T 11	3 27	0 40	0s 3	9 6	1 15	14 40	0 46	11 13	1 14	24 24	0 39	23 33	0 29	24 1	0 21	18 53	1 1	27 15	3 38	0 58	1 17	8 41		n.a.
F 12	3 52	5s 5	1 8	9 46	1 21	15 7	0 48	10 58	1 14	24 24	0 39	23 33	0 29	24 1	0 21	18 52	1 1	27 15	3 38	0 58	1 19	8 44		n.a.
S 13	4 16	10 39	2 10	10 26	1 26	15 34	0 51	10 43	1 14	24 24	0 39	23 32	0 30	24 1	0 21	18 52	1 1	27 15	3 38	0 58	1 20	8 47		n.a.
S 14	4 40	15 51	3 7	11 5	1 32	16 0	0 54	10 29	1 14	24 24	0 39	23 32	0 30	24 1	0 21	18 52	1 1	27 15	3 38	0 59	1 21	8 51		n.a.
M15	5 4	20 29	3 55	11 44	1 37	16 26	0 56	10 14	1 14	24 25	0 39	23 32	0 30	24 1	0 21	18 51	1 1	27 15	3 38	1 0	1 23	8 54		n.a.
T 16	5 28	24 20	4 34	12 22	1 42	16 52	0 59	9 59	1 14	24 25	0 39	23 32	0 30	24 1	0 21	18 51	1 1	27 15	3 38	1 1	1 24	8 57		n.a.
W17	5 52	27 11	5 1	12 59	1 47	17 17	1 1	9 44	1 14	24 25	0 39	23 32	0 30	24 1	0 21	18 51	1 1	27 16	3 39	1 2	1 25	9 1		n.a.
T 18	6 16	28 47	5 14	13 36	1 52	17 42	1 4	9 29	1 14	24 25	0 39	23 32	0 30	24 1	0 21	18 51	1 1	27 16	3 39	1 3	1 26	9 4		n.a.
F 19	6 40	28 58	5 13	14 11	1 57	18 6	1 6	9 14	1 14	24 26	0 39	23 32	0 30	24 1	0 21	18 50	1 1	27 16	3 39	1 3	1 28	9 7		n.a.
S 20	7 3	27 37	4 57	14 47	2 1	18 30	1 9	8 59	1 14	24 26	0 39	23 32	0 31	24 1	0 21	18 50	1 1	27 16	3 39	1 3	1 29	9 11		n.a.
S 21	7 27	24 43	4 25	15 21	2 5	18 53	1 11	8 44	1 14	24 26	0 39	23 32	0 31	24 1	0 21	18 50	1 1	27 16	3 39	1 3	1 30	9 14		n.a.
M22	7 50	20 22	3 37	15 54	2 8	19 16	1 14	8 29	1 14	24 26	0 39	23 32	0 31	24 1	0 21	18 49	1 1	27 16	3 39	1 3	1 32	9 17		n.a.
T 23	8 14	14 47	2 35	16 26	2 12	19 38	1 16	8 13	1 14	24 26	0 39	23 32	0 31	24 2	0 21	18 49	1 1	27 16	3 40	1 2	1 33	9 21		n.a.
W24	8 37	8 14	1 22	16 57	2 15	20 0	1 18	7 58	1 14	24 27	0 39	23 32	0 31	24 2	0 21	18 49	1 1	27 17	3 40	1 2	1 34	9 24		n.a.
T 25	9 0	1 5	0 1	17 28	2 17	20 21	1 21	7 43	1 14	24 27	0 39	23 32	0 31	24 2	0 21	18 49	1 1	27 17	3 40	1 1	1 35	9 27		n.a.
F 26	9 23	6n16	1n22	17 56	2 20	20 42	1 23	7 27	1 13	24 27	0 39	23 32	0 32	24 2	0 21	18 49	1 1	27 17	3 40	1 2	1 37	9 31		n.a.
S 27	9 46	13 19	2 39	18 24	2 21	21 2	1 25	7 12	1 13	24 27	0 39	23 32	0 32	24 2	0 21	18 48	1 1	27 17	3 40	1 3	1 38	9 34		n.a.
S 28	10 8	19 33	3 44	18 50	2 23	21 21	1 27	6 56	1 13	24 27	0 39	23 32	0 32	24 2	0 21	18 48	1 1	27 17	3 40	1 4	1 39	9 37		n.a.
M29	10 31	24 28	4 33	19 15	2 23	21 40	1 29	6 41	1 13	24 27	0 39	23 32	0 32	24 2	0 21	18 48	1 1	27 17	3 41	1 6	1 41	9 41		n.a.
T 30	10 53	27 41	5 3	19 38	2 23	21 59	1 31	6 25	1 13	24 28	0 39	23 32	0 32	24 2	0 21	18 48	1 1	27 17	3 41	1 8	1 42	9 44		n.a.
W31	11s15	29n 0	5n13	20s 0	2s23	22s16	1s33	6n 9	1n13	24s28	0s39	23n32	0n32	24s 2	0s21	18n48	1n 1	27n17	3n41	1s 9	1s43	9s47		n.a.

Julian Day Number = 1345854.5, Delta T = 07h11m40s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'15, Lahiri = -18°09'14 Julian Calendar 1 Oct. 1029 BCE == Greg. Calendar 21 Sept. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

NOVEMBER 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 39	29♎55'08	10♋38	20♏ 8	2♐32	18♍ 5	28♐52	14♋39	24♐ 7	10♑47	22°R41	27°R 6	25♓41	19♎52	n.a.	T 1
F 2	2 6 35	0♏56'18	23°54	21°20	3°46	18°44	29° 3	14°39	24°10	10°48	22♊40	27♓ 4	25°38	19°59	n.a.	F 2
S 3	2 10 32	1°57'28	6♑44	22°30	4°59	19°24	29°14	14°40	24°12	10°49	22°39	27°D 4	25°35	20° 6	n.a.	S 3
S 4	2 14 28	2°58'39	19°13	23°35	6°13	20° 3	29°24	14°R40	24°14	10°49	22°39	27° 5	25°32	20°12	n.a.	S 4
M 5	2 18 25	3°59'51	1♍24	24°37	7°27	20°42	29°35	14°40	24°17	10°50	22°38	27° 7	25°29	20°19	n.a.	M 5
T 6	2 22 21	5° 1'05	13°23	25°34	8°40	21°22	29°46	14°40	24°20	10°50	22°37	27° 8	25°26	20°26	n.a.	T 6
W 7	2 26 18	6° 2'19	25°14	26°26	9°54	22° 1	29°57	14°39	24°22	10°51	22°36	27°R 9	25°22	20°32	n.a.	W 7
T 8	2 30 14	7° 3'33	7♎ 1	27°12	11° 8	22°41	0♑ 8	14°39	24°25	10°51	22°35	27° 9	25°19	20°39	n.a.	T 8
F 9	2 34 11	8° 4'49	18°48	27°51	12°21	23°20	0°20	14°38	24°27	10°52	22°34	27° 6	25°16	20°46	n.a.	F 9
S 10	2 38 8	9° 6'05	0♏37	28°22	13°35	23°59	0°31	14°38	24°30	10°52	22°33	27° 1	25°13	20°52	n.a.	S 10
S 11	2 42 4	10° 7'22	12°30	28°45	14°48	24°39	0°43	14°37	24°33	10°53	22°32	26°55	25°10	20°59	n.a.	S 11
M12	2 46 1	11° 8'39	24°29	28°58	16° 2	25°18	0°54	14°36	24°36	10°53	22°32	26°46	25° 6	21° 6	n.a.	M12
T 13	2 49 57	12° 9'56	6♐36	29°R 0	17°15	25°58	1° 6	14°36	24°38	10°53	22°31	26°37	25° 3	21°12	n.a.	T 13
W14	2 53 54	13°11'14	18°51	28°52	18°28	26°37	1°18	14°34	24°41	10°54	22°30	26°28	25° 0	21°19	n.a.	W14
T 15	2 57 50	14°12'32	1♑16	28°32	19°42	27°16	1°29	14°33	24°44	10°54	22°29	26°20	24°57	21°26	n.a.	T 15
F 16	3 1 47	15°13'51	13°53	28° 0	20°55	27°56	1°41	14°32	24°47	10°54	22°28	26°13	24°54	21°32	n.a.	F 16
S 17	3 5 44	16°15'09	26°44	27°17	22° 8	28°35	1°53	14°31	24°50	10°54	22°27	26° 9	24°51	21°39	n.a.	S 17
S 18	3 9 40	17°16'27	9♒52	26°23	23°21	29°15	2° 6	14°29	24°53	10°55	22°25	26° 7	24°47	21°46	n.a.	S 18
M19	3 13 37	18°17'45	23°19	25°19	24°34	29°54	2°18	14°28	24°56	10°55	22°24	26°D 7	24°44	21°52	n.a.	M19
T 20	3 17 33	19°19'02	7♓ 7	24° 7	25°48	0♎34	2°30	14°26	24°59	10°55	22°23	26° 8	24°41	21°59	n.a.	T 20
W21	3 21 30	20°20'20	21°18	22°49	27° 1	1°13	2°42	14°24	25° 2	10°55	22°22	26°R 9	24°38	22° 6	n.a.	W21
T 22	3 25 26	21°21'37	5♈50	21°28	28°13	1°53	2°55	14°22	25° 5	10°R55	22°21	26° 8	24°35	22°12	n.a.	T 22
F 23	3 29 23	22°22'54	20°41	20° 6	29°26	2°32	3° 7	14°20	25° 8	10°55	22°20	26° 6	24°31	22°19	n.a.	F 23
S 24	3 33 19	23°24'11	5♉45	18°47	0♑39	3°12	3°20	14°18	25°11	10°55	22°19	26° 1	24°28	22°26	n.a.	S 24
S 25	3 37 16	24°25'27	20°52	17°32	1°52	3°51	3°33	14°16	25°14	10°55	22°18	25°54	24°25	22°32	n.a.	S 25
M26	3 41 13	25°26'44	5♊53	16°23	3° 5	4°31	3°45	14°14	25°17	10°55	22°16	25°44	24°22	22°39	n.a.	M26
T 27	3 45 9	26°28'00	20°38	15°23	4°17	5°10	3°58	14°11	25°20	10°54	22°15	25°34	24°19	22°46	n.a.	T 27
W28	3 49 6	27°29'17	5♋ 0	14°32	5°30	5°50	4°11	14° 9	25°23	10°54	22°14	25°25	24°16	22°52	n.a.	W28
T 29	3 53 2	28°30'33	18°54	13°51	6°42	6°30	4°24	14° 6	25°27	10°54	22°13	25°17	24°12	22°59	n.a.	T 29
F 30	3 56 59	29♏31'49	2♑18	13♏21	7♑55	7♎ 9	4♑37	14♋ 4	25♐30	10♑54	22♊12	25♓11	24♓ 9	23♎ 6	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s37	28n26	5n 4	20 s20	2 s22	22 s33	1 s35	5n54	1n13	24 s28	0 s39	23n32	0n32	24 s 2	0 s21	18n47	1n 2	27n17	3n41	1 s10	1 s44	9 s50		n.a.
F 2	11 59	26 15	4 39	20 38	2 20	22 50	1 37	5 38	1 13	24 28	0 39	23 32	0 33	24 3	0 21	18 47	1 2	27 18	3 41	1 11	1 46	9 54		n.a.
S 3	12 21	22 46	4 1	20 53	2 17	23 6	1 39	5 22	1 13	24 28	0 39	23 33	0 33	24 3	0 21	18 47	1 2	27 18	3 41	1 11	1 47	9 57		n.a.
S 4	12 42	18 20	3 12	21 7	2 13	23 21	1 41	5 6	1 12	24 28	0 39	23 33	0 33	24 3	0 21	18 47	1 2	27 18	3 41	1 11	1 48	10 0		n.a.
M 5	13 3	13 16	2 16	21 18	2 9	23 35	1 43	4 51	1 12	24 28	0 39	23 33	0 33	24 3	0 21	18 47	1 2	27 18	3 42	1 10	1 49	10 4		n.a.
T 6	13 24	7 47	1 14	21 27	2 3	23 49	1 44	4 35	1 12	24 28	0 39	23 33	0 33	24 3	0 21	18 47	1 2	27 18	3 42	1 9	1 51	10 7		n.a.
W 7	13 45	2 5	0 10	21 33	1 57	24 2	1 46	4 19	1 12	24 28	0 39	23 33	0 33	24 3	0 21	18 47	1 2	27 18	3 42	1 9	1 52	10 10		n.a.
T 8	14 5	3 s39	0 s53	21 36	1 49	24 14	1 47	4 3	1 12	24 28	0 39	23 33	0 34	24 3	0 21	18 47	1 2	27 18	3 42	1 9	1 53	10 14		n.a.
F 9	14 25	9 15	1 55	21 37	1 40	24 26	1 49	3 47	1 12	24 28	0 39	23 34	0 34	24 3	0 21	18 46	1 2	27 18	3 42	1 10	1 55	10 17		n.a.
S 10	14 45	14 32	2 51	21 33	1 29	24 37	1 50	3 31	1 12	24 28	0 39	23 34	0 34	24 3	0 21	18 46	1 2	27 18	3 42	1 12	1 56	10 20		n.a.
S 11	15 5	19 20	3 41	21 27	1 17	24 47	1 52	3 15	1 11	24 28	0 39	23 34	0 34	24 3	0 21	18 46	1 2	27 18	3 42	1 15	1 57	10 23		n.a.
M12	15 25	23 24	4 21	21 17	1 4	24 57	1 53	2 59	1 11	24 28	0 39	23 34	0 34	24 4	0 21	18 46	1 2	27 19	3 43	1 18	1 58	10 27		n.a.
T 13	15 44	26 30	4 49	21 3	0 49	25 5	1 54	2 43	1 11	24 28	0 39	23 35	0 34	24 4	0 21	18 46	1 2	27 19	3 43	1 22	2 0	10 30		n.a.
W14	16 3	28 24	5 5	20 46	0 33	25 13	1 55	2 27	1 11	24 28	0 39	23 35	0 35	24 4	0 21	18 46	1 2	27 19	3 43	1 26	2 1	10 33		n.a.
T 15	16 21	28 55	5 6	20 24	0 16	25 21	1 56	2 11	1 11	24 28	0 39	23 35	0 35	24 4	0 21	18 46	1 2	27 19	3 43	1 29	2 2	10 37		n.a.
F 16	16 40	27 56	4 53	19 59	0n 3	25 27	1 57	1 55	1 11	24 28	0 39	23 35	0 35	24 4	0 21	18 46	1 2	27 19	3 43	1 31	2 4	10 40		n.a.
S 17	16 58	25 28	4 25	19 30	0 22	25 33	1 58	1 39	1 10	24 28	0 39	23 36	0 35	24 4	0 21	18 46	1 2	27 19	3 43	1 33	2 5	10 43		n.a.
S 18	17 16	21 38	3 43	18 58	0 43	25 38	1 59	1 22	1 10	24 27	0 39	23 36	0 35	24 4	0 21	18 46	1 2	27 19	3 43	1 34	2 6	10 46		n.a.
M19	17 33	16 35	2 47	18 23	1 3	25 42	1 59	1 6	1 10	24 27	0 39	23 36	0 35	24 4	0 21	18 46	1 2	27 19	3 44	1 34	2 7	10 50		n.a.
T 20	17 50	10 35	1 40	17 46	1 23	25 45	2 0	0 50	1 10	24 27	0 39	23 37	0 35	24 4	0 21	18 46	1 2	27 19	3 44	1 34	2 9	10 53		n.a.
W21	18 7	3 54	0 26	17 7	1 42	25 48	2 1	0 34	1 10	24 27	0 39	23 37	0 36	24 5	0 21	18 46	1 2	27 19	3 44	1 33	2 10	10 56		n.a.
T 22	18 23	3n 9	0n52	16 29	2 0	25 50	2 1	0 18	1 9	24 27	0 39	23 37	0 36	24 5	0 21	18 46	1 2	27 19	3 44	1 33	2 11	10 59		n.a.
F 23	18 39	10 10	2 8	15 51	2 17	25 51	2 1	0 2	1 9	24 26	0 39	23 38	0 36	24 5	0 21	18 46	1 3	27 19	3 44	1 34	2 13	11 3		n.a.
S 24	18 55	16 43	3 15	15 16	2 31	25 51	2 2	0 s14	1 9	24 26	0 39	23 38	0 36	24 5	0 21	18 46	1 3	27 19	3 44	1 36	2 14	11 6		n.a.
S 25	19 11	22 16	4 10	14 43	2 43	25 50	2 2	0 31	1 9	24 26	0 39	23 39	0 36	24 5	0 21	18 46	1 3	27 19	3 44	1 39	2 15	11 9		n.a.
M26	19 26	26 19	4 46	14 14	2 53	25 49	2 2	0 47	1 8	24 25	0 40	23 39	0 36	24 5	0 21	18 46	1 3	27 19	3 44	1 43	2 16	11 12		n.a.
T 27	19 40	28 31	5 3	13 50	3 1	25 47	2 2	1 3	1 8	24 25	0 40	23 39	0 37	24 5	0 21	18 47	1 3	27 19	3 45	1 47	2 18	11 16		n.a.
W28	19 55	28 43	5 0	13 30	3 6	25 44	2 2	1 19	1 8	24 25	0 40	23 40	0 37	24 5	0 21	18 47	1 3	27 20	3 45	1 51	2 19	11 19		n.a.
T 29	20 9	27 4	4 39	13 14	3 9	25 40	2 2	1 35	1 8	24 24	0 40	23 40	0 37	24 5	0 21	18 47	1 3	27 20	3 45	1 54	2 20	11 22		n.a.
F 30	20 s22	23n54	4n 3	13 s 4	3n11	25 s36	2 s 1	1 s51	1n 7	24 s24	0 s40	23n41	0n37	24 s 6	0 s21	18n47	1n 3	27n20	3n45	1 s57	2 s21	11 s25		n.a.

Julian Day Number = 1345885.5, Delta T = 07h11m38s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'10, Lahiri = -18°09'10 Julian Calendar 1 Nov. 1029 BCE == Greg. Calendar 22 Oct. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1029 BCE
geocentric

DECEMBER 1029 BCE (-1028) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 0 55	0♐33'06	15♌14	13°R 0	9♑ 7	7♎49	4♑50	14°R 1	25♐33	10°R53	22°R10	25°R 8	24♓ 6	23♎12	n.a.	S 1
S 2	4 4 52	1°34'22	27°46	12♏49	10°20	8°28	5° 3	13♋58	25°36	10♌53	22♊ 9	25°D 6	24° 3	23°19	n.a.	S 2
M 3	4 8 49	2°35'37	9♍58	12°D48	11°32	9° 8	5°16	13°55	25°40	10°53	22° 8	25♓ 6	24° 0	23°26	n.a.	M 3
T 4	4 12 45	3°36'53	21°57	12°55	12°44	9°48	5°29	13°52	25°43	10°52	22° 7	25°R 7	23°57	23°32	n.a.	T 4
W 5	4 16 42	4°38'09	3♎46	13° 9	13°56	10°27	5°43	13°49	25°46	10°52	22° 5	25° 6	23°53	23°39	n.a.	W 5
T 6	4 20 38	5°39'24	15°33	13°32	15° 8	11° 7	5°56	13°46	25°50	10°51	22° 4	25° 4	23°50	23°46	n.a.	T 6
F 7	4 24 35	6°40'39	27°20	14° 0	16°20	11°46	6°10	13°42	25°53	10°51	22° 3	25° 0	23°47	23°52	n.a.	F 7
S 8	4 28 31	7°41'53	9♏12	14°35	17°32	12°26	6°23	13°39	25°56	10°50	22° 1	24°52	23°44	23°59	n.a.	S 8
S 9	4 32 28	8°43'07	21°12	15°15	18°44	13° 6	6°37	13°36	26° 0	10°50	22° 0	24°42	23°41	24° 6	n.a.	S 9
M10	4 36 24	9°44'20	3♐22	16° 0	19°56	13°45	6°50	13°32	26° 3	10°49	21°59	24°29	23°37	24°12	n.a.	M10
T 11	4 40 21	10°45'33	15°42	16°49	21° 7	14°25	7° 4	13°28	26° 7	10°49	21°58	24°15	23°34	24°19	n.a.	T 11
W12	4 44 18	11°46'45	28°13	17°42	22°19	15° 5	7°17	13°25	26°10	10°48	21°56	24° 1	23°31	24°26	n.a.	W12
T 13	4 48 14	12°47'56	10♑55	18°39	23°30	15°44	7°31	13°21	26°13	10°47	21°55	23°48	23°28	24°32	n.a.	T 13
F 14	4 52 11	13°49'06	23°48	19°38	24°41	16°24	7°45	13°17	26°17	10°47	21°54	23°37	23°25	24°39	n.a.	F 14
S 15	4 56 7	14°50'15	6♒51	20°41	25°53	17° 4	7°59	13°13	26°20	10°46	21°52	23°29	23°22	24°46	n.a.	S 15
S 16	5 0 4	15°51'23	20° 7	21°46	27° 4	17°43	8°12	13° 9	26°24	10°45	21°51	23°25	23°18	24°52	n.a.	S 16
M17	5 4 0	16°52'30	3♓36	22°54	28°15	18°23	8°26	13° 5	26°27	10°44	21°49	23°23	23°15	24°59	n.a.	M17
T 18	5 7 57	17°53'35	17°18	24° 3	29°26	19° 3	8°40	13° 1	26°31	10°44	21°48	23°22	23°12	25° 6	n.a.	T 18
W19	5 11 54	18°54'39	1♈16	25°15	0♒36	19°42	8°54	12°57	26°34	10°43	21°47	23°22	23° 9	25°12	n.a.	W19
T 20	5 15 50	19°55'41	15°30	26°28	1°47	20°22	9° 8	12°53	26°38	10°42	21°45	23°21	23° 6	25°19	n.a.	T 20
F 21	5 19 47	20°56'43	29°58	27°43	2°58	21° 2	9°22	12°48	26°41	10°41	21°44	23°18	23° 3	25°26	n.a.	F 21
S 22	5 23 43	21°57'42	14♉37	29° 0	4° 8	21°41	9°36	12°44	26°45	10°40	21°43	23°11	22°59	25°32	n.a.	S 22
S 23	5 27 40	22°58'41	29°21	0♐18	5°18	22°21	9°50	12°40	26°48	10°39	21°41	23° 2	22°56	25°39	n.a.	S 23
M24	5 31 36	23°59'38	14♊ 3	1°37	6°28	23° 1	10° 4	12°35	26°52	10°38	21°40	22°51	22°53	25°46	n.a.	M24
T 25	5 35 33	25° 0'34	28°35	2°58	7°38	23°40	10°18	12°31	26°55	10°37	21°39	22°39	22°50	25°52	n.a.	T 25
W26	5 39 29	26° 1'29	12♋49	4°19	8°48	24°20	10°33	12°26	26°59	10°36	21°37	22°26	22°47	25°59	n.a.	W26
T 27	5 43 26	27° 2'23	26°41	5°42	9°58	25° 0	10°47	12°22	27° 2	10°35	21°36	22°16	22°43	26° 6	n.a.	T 27
F 28	5 47 23	28° 3'15	10♌ 7	7° 6	11° 7	25°40	11° 1	12°17	27° 6	10°34	21°35	22° 8	22°40	26°12	n.a.	F 28
S 29	5 51 19	29° 4'06	23° 7	8°31	12°17	26°19	11°15	12°12	27° 9	10°33	21°33	22° 2	22°37	26°19	n.a.	S 29
S 30	5 55 16	0♑ 4'56	5♍43	9°56	13°26	26°59	11°29	12° 8	27°13	10°31	21°32	21°59	22°34	26°26	n.a.	S 30
M31	5 59 12	1♑ 5'44	17♍59	11♐23	14♒35	27♎39	11♑44	12♋ 3	27♐16	10♌30	21♊31	21°D59	22♓31	26♎32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s35	19n38	3n16	12s58	3n10	25s31	2s 1	2s 7	1n 7	24s23	0s40	23n41	0n37	24s 6	0s21	18n47	1n 3	27n20	3n45	1s58	2s23	11s29		n.a.
S 2	20 48	14 38	2 20	12 57	3 8	25 25	2 1	2 23	1 7	24 23	0 40	23 42	0 37	24 6	0 21	18 47	1 3	27 20	3 45	1 59	2 24	11 32		n.a.
M 3	21 1	9 11	1 20	13 0	3 5	25 18	2 0	2 39	1 7	24 23	0 40	23 42	0 38	24 6	0 21	18 47	1 3	27 20	3 45	1 58	2 25	11 35		n.a.
T 4	21 13	3 30	0 17	13 6	3 0	25 11	1 59	2 56	1 6	24 22	0 40	23 43	0 38	24 6	0 21	18 47	1 3	27 20	3 45	1 58	2 27	11 38		n.a.
W 5	21 24	2s13	0s46	13 15	2 55	25 3	1 59	3 12	1 6	24 22	0 40	23 43	0 38	24 6	0 21	18 48	1 3	27 20	3 45	1 58	2 28	11 42		n.a.
T 6	21 35	7 51	1 46	13 28	2 49	24 54	1 58	3 28	1 6	24 21	0 40	23 44	0 38	24 6	0 21	18 48	1 3	27 20	3 45	1 59	2 29	11 45		n.a.
F 7	21 46	13 12	2 42	13 43	2 42	24 44	1 57	3 44	1 5	24 20	0 40	23 44	0 38	24 6	0 21	18 48	1 3	27 20	3 46	2 1	2 30	11 48		n.a.
S 8	21 56	18 7	3 31	14 0	2 35	24 34	1 56	4 0	1 5	24 20	0 40	23 45	0 38	24 6	0 21	18 48	1 3	27 20	3 46	2 4	2 32	11 51		n.a.
S 9	22 6	22 23	4 11	14 20	2 27	24 23	1 55	4 16	1 5	24 19	0 40	23 45	0 38	24 7	0 21	18 48	1 3	27 20	3 46	2 8	2 33	11 55		n.a.
M10	22 16	25 45	4 40	14 40	2 19	24 11	1 53	4 31	1 4	24 18	0 40	23 46	0 39	24 7	0 21	18 49	1 3	27 20	3 46	2 14	2 34	11 58		n.a.
T 11	22 25	27 57	4 57	15 3	2 11	23 59	1 52	4 47	1 4	24 18	0 40	23 46	0 39	24 7	0 21	18 49	1 3	27 20	3 46	2 19	2 35	12 1		n.a.
W12	22 33	28 48	4 59	15 26	2 2	23 45	1 51	5 3	1 4	24 17	0 40	23 47	0 39	24 7	0 21	18 49	1 3	27 20	3 46	2 25	2 37	12 4		n.a.
T 13	22 42	28 8	4 47	15 50	1 53	23 32	1 49	5 19	1 3	24 16	0 40	23 47	0 39	24 7	0 21	18 49	1 3	27 20	3 46	2 30	2 38	12 7		n.a.
F 14	22 49	25 57	4 20	16 15	1 45	23 17	1 47	5 35	1 3	24 16	0 40	23 48	0 39	24 7	0 21	18 49	1 3	27 20	3 46	2 34	2 39	12 11		n.a.
S 15	22 57	22 23	3 39	16 40	1 36	23 2	1 46	5 51	1 3	24 15	0 40	23 48	0 39	24 7	0 21	18 50	1 4	27 20	3 46	2 37	2 41	12 14		n.a.
S 16	23 3	17 38	2 46	17 6	1 27	22 46	1 44	6 6	1 2	24 14	0 40	23 49	0 39	24 7	0 21	18 50	1 4	27 20	3 46	2 39	2 42	12 17		n.a.
M17	23 10	11 56	1 42	17 32	1 18	22 30	1 42	6 22	1 2	24 13	0 40	23 49	0 40	24 7	0 21	18 50	1 4	27 20	3 47	2 40	2 43	12 20		n.a.
T 18	23 16	5 35	0 32	17 58	1 9	22 13	1 40	6 38	1 1	24 12	0 41	23 50	0 40	24 8	0 21	18 50	1 4	27 20	3 47	2 40	2 44	12 23		n.a.
W19	23 21	1n 9	0n42	18 24	1 0	21 56	1 38	6 53	1 1	24 11	0 41	23 50	0 40	24 8	0 21	18 51	1 4	27 20	3 47	2 40	2 46	12 27		n.a.
T 20	23 26	7 57	1 54	18 50	0 52	21 38	1 35	7 9	1 1	24 11	0 41	23 51	0 40	24 8	0 21	18 51	1 4	27 20	3 47	2 41	2 47	12 30		n.a.
F 21	23 30	14 26	3 0	19 16	0 43	21 19	1 33	7 24	1 0	24 10	0 41	23 51	0 40	24 8	0 21	18 51	1 4	27 20	3 47	2 42	2 48	12 33		n.a.
S 22	23 34	20 13	3 55	19 42	0 34	21 0	1 31	7 40	1 0	24 9	0 41	23 52	0 40	24 8	0 21	18 52	1 4	27 20	3 47	2 45	2 50	12 36		n.a.
S 23	23 38	24 48	4 35	20 7	0 26	20 40	1 28	7 55	0 59	24 8	0 41	23 53	0 40	24 8	0 21	18 52	1 4	27 20	3 47	2 48	2 51	12 39		n.a.
M24	23 41	27 45	4 56	20 31	0 18	20 20	1 25	8 10	0 59	24 7	0 41	23 53	0 41	24 8	0 21	18 52	1 4	27 20	3 47	2 53	2 52	12 42		n.a.
T 25	23 43	28 47	4 58	20 56	0 10	19 59	1 23	8 26	0 59	24 6	0 41	23 54	0 41	24 8	0 21	18 53	1 4	27 20	3 47	2 58	2 53	12 46		n.a.
W26	23 46	27 52	4 42	21 19	0 2	19 37	1 20	8 41	0 58	24 5	0 41	23 54	0 41	24 8	0 21	18 53	1 4	27 20	3 47	3 3	2 55	12 49		n.a.
T 27	23 47	25 13	4 8	21 42	0s 6	19 16	1 17	8 56	0 58	24 3	0 41	23 55	0 41	24 8	0 21	18 53	1 4	27 20	3 47	3 7	2 56	12 52		n.a.
F 28	23 48	21 14	3 22	22 4	0 14	18 53	1 14	9 11	0 57	24 2	0 41	23 55	0 41	24 8	0 21	18 54	1 4	27 20	3 47	3 10	2 57	12 55		n.a.
S 29	23 49	16 20	2 26	22 25	0 21	18 31	1 10	9 26	0 57	24 1	0 41	23 56	0 41	24 9	0 21	18 54	1 4	27 20	3 47	3 12	2 58	12 58		n.a.
S 30	23 49	10 53	1 25	22 46	0 29	18 8	1 7	9 41	0 56	24 0	0 41	23 56	0 41	24 9	0 21	18 54	1 4	27 20	3 47	3 14	3 0	13 1		n.a.
M31	23s49	5n 9	0n21	23s 5	0s36	17s44	1s 4	9s56	0n56	23s59	0s41	23n57	0n41	24s 9	0s21	18n55	1n 4	27n20	3n47	3s14	3s 1	13s 5		n.a.

Julian Day Number = 1345915.5, Delta T = 07h11m37s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'06, Lahiri = -18°09'06 Julian Calendar 1 Dec. 1029 BCE == Greg. Calendar 21 Nov. 1029 BCE

The year -1028 astronomical counting style corresponds to year 1029 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

JANUARY 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 9	2♉ 6'32	29♍59	12♐51	15♒44	28♎18	11♉58	11°R58	27♐20	10°R29	21°R29	21°R59	22♓28	26♎39	n.a.	T 1
W 2	6 7 5	3° 7'18	11♎51	14°20	16°52	28°58	12°12	11♋54	27°23	10♌28	21♊28	21♓58	22°24	26°46	n.a.	W 2
T 3	6 11 2	4° 8'03	23°39	15°49	18° 1	29°38	12°27	11°49	27°27	10°27	21°27	21°57	22°21	26°52	n.a.	T 3
F 4	6 14 58	5° 8'47	5♏29	17°19	19° 9	0♏18	12°41	11°44	27°30	10°25	21°25	21°53	22°18	26°59	n.a.	F 4
S 5	6 18 55	6° 9'29	17°25	18°51	20°18	0°57	12°55	11°39	27°34	10°24	21°24	21°46	22°15	27° 6	n.a.	S 5
S 6	6 22 52	7°10'10	29°30	20°23	21°26	1°37	13°10	11°34	27°37	10°23	21°23	21°37	22°12	27°12	n.a.	S 6
M 7	6 26 48	8°10'50	11♐49	21°56	22°33	2°17	13°24	11°29	27°41	10°21	21°21	21°25	22° 9	27°19	n.a.	M 7
T 8	6 30 45	9°11'28	24°22	23°30	23°41	2°56	13°38	11°25	27°44	10°20	21°20	21°12	22° 5	27°26	n.a.	T 8
W 9	6 34 41	10°12'05	7♑10	25° 4	24°48	3°36	13°53	11°20	27°48	10°19	21°19	20°59	22° 2	27°32	n.a.	W 9
T 10	6 38 38	11°12'40	20°12	26°40	25°56	4°16	14° 7	11°15	27°51	10°17	21°17	20°47	21°59	27°39	n.a.	T 10
F 11	6 42 34	12°13'13	3♒27	28°16	27° 3	4°56	14°22	11°10	27°54	10°16	21°16	20°37	21°56	27°46	n.a.	F 11
S 12	6 46 31	13°13'44	16°54	29°54	28° 9	5°35	14°36	11° 5	27°58	10°14	21°15	20°30	21°53	27°52	n.a.	S 12
S 13	6 50 28	14°14'13	0♓30	1♑32	29°16	6°15	14°50	11° 0	28° 1	10°13	21°14	20°26	21°49	27°59	n.a.	S 13
M14	6 54 24	15°14'40	14°14	3°11	0♓22	6°55	15° 5	10°55	28° 5	10°12	21°12	20°D24	21°46	28° 6	n.a.	M14
T 15	6 58 21	16°15'05	28° 6	4°51	1°28	7°34	15°19	10°51	28° 8	10°10	21°11	20°24	21°43	28°12	n.a.	T 15
W16	7 2 17	17°15'28	12♈ 5	6°32	2°34	8°14	15°33	10°46	28°11	10° 9	21°10	20°R25	21°40	28°19	n.a.	W16
T 17	7 6 14	18°15'49	26°11	8°14	3°39	8°54	15°48	10°41	28°15	10° 7	21° 9	20°25	21°37	28°26	n.a.	T 17
F 18	7 10 10	19°16'07	10♉23	9°57	4°45	9°33	16° 2	10°36	28°18	10° 6	21° 8	20°23	21°34	28°32	n.a.	F 18
S 19	7 14 7	20°16'24	24°39	11°41	5°49	10°13	16°17	10°31	28°21	10° 4	21° 6	20°18	21°30	28°39	n.a.	S 19
S 20	7 18 3	21°16'38	8♊56	13°26	6°54	10°53	16°31	10°27	28°25	10° 2	21° 5	20°12	21°27	28°46	n.a.	S 20
M21	7 22 0	22°16'50	23° 9	15°12	7°58	11°32	16°45	10°22	28°28	10° 1	21° 4	20° 3	21°24	28°52	n.a.	M21
T 22	7 25 57	23°17'00	7♋15	16°59	9° 2	12°12	17° 0	10°17	28°31	9°59	21° 3	19°53	21°21	28°59	n.a.	T 22
W23	7 29 53	24°17'08	21° 7	18°47	10° 6	12°51	17°14	10°13	28°35	9°58	21° 2	19°44	21°18	29° 6	n.a.	W23
T 24	7 33 50	25°17'14	4♌42	20°36	11°10	13°31	17°28	10° 8	28°38	9°56	21° 1	19°35	21°15	29°12	n.a.	T 24
F 25	7 37 46	26°17'18	17°57	22°26	12°13	14°11	17°43	10° 4	28°41	9°55	21° 0	19°29	21°11	29°19	n.a.	F 25
S 26	7 41 43	27°17'20	0♍51	24°18	13°15	14°50	17°57	9°59	28°44	9°53	20°59	19°25	21° 8	29°26	n.a.	S 26
S 27	7 45 39	28°17'20	13°26	26°10	14°18	15°30	18°11	9°55	28°47	9°51	20°58	19°23	21° 5	29°32	n.a.	S 27
M28	7 49 36	29°17'18	25°43	28° 3	15°20	16° 9	18°26	9°50	28°51	9°50	20°57	19°D23	21° 2	29°39	n.a.	M28
T 29	7 53 32	0♒17'14	7♎46	29°57	16°21	16°49	18°40	9°46	28°54	9°48	20°56	19°24	20°59	29°46	n.a.	T 29
W30	7 57 29	1°17'09	19°40	1♒52	17°22	17°28	18°54	9°41	28°57	9°47	20°55	19°25	20°55	29°53	n.a.	W30
T 31	8 1 25	2♒17'01	1♏30	3♒48	18♓23	18♏ 8	19♑ 8	9♋37	29♐ 0	9♌45	20♊54	19°R26	20♓52	29♎59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s48	0 s39	0 s42	23 s24	0 s42	17 s20	1 s 0	10 s11	0n55	23 s58	0 s41	23n58	0n42	24 s 9	0 s21	18n55	1n 4	27n20	3n48	3 s14	3 s 2	13 s 8			n.a.
W 2	23 47	6 20	1 43	23 42	0 49	16 56	0 57	10 26	0 55	23 56	0 42	23 58	0 42	24 9	0 21	18 55	1 4	27 19	3 48	3 14	3 4	13 11			n.a.
T 3	23 45	11 47	2 39	23 58	0 56	16 31	0 53	10 41	0 54	23 55	0 42	23 59	0 42	24 9	0 21	18 56	1 4	27 19	3 48	3 15	3 5	13 14			n.a.
F 4	23 43	16 50	3 29	24 14	1 2	16 6	0 49	10 55	0 54	23 54	0 42	23 59	0 42	24 9	0 21	18 56	1 4	27 19	3 48	3 16	3 6	13 17			n.a.
S 5	23 40	21 17	4 9	24 28	1 8	15 40	0 45	11 10	0 53	23 52	0 42	24 0	0 42	24 9	0 21	18 57	1 4	27 19	3 48	3 19	3 7	13 20			n.a.
S 6	23 37	24 54	4 39	24 41	1 13	15 14	0 41	11 24	0 52	23 51	0 42	24 0	0 42	24 9	0 21	18 57	1 4	27 19	3 48	3 23	3 9	13 23			n.a.
M 7	23 34	27 28	4 57	24 53	1 19	14 48	0 37	11 39	0 52	23 50	0 42	24 1	0 42	24 9	0 21	18 57	1 4	27 19	3 48	3 27	3 10	13 27			n.a.
T 8	23 30	28 42	5 1	25 3	1 24	14 22	0 33	11 53	0 51	23 48	0 42	24 1	0 42	24 9	0 21	18 58	1 4	27 19	3 48	3 32	3 11	13 30			n.a.
W 9	23 25	28 26	4 49	25 12	1 29	13 55	0 29	12 7	0 51	23 47	0 42	24 2	0 42	24 9	0 21	18 58	1 4	27 19	3 48	3 38	3 12	13 33			n.a.
T 10	23 20	26 36	4 23	25 20	1 33	13 28	0 25	12 22	0 50	23 45	0 42	24 2	0 43	24 9	0 21	18 59	1 4	27 19	3 48	3 42	3 14	13 36			n.a.
F 11	23 15	23 17	3 42	25 26	1 38	13 1	0 20	12 36	0 49	23 44	0 42	24 3	0 43	24 10	0 21	18 59	1 5	27 19	3 48	3 46	3 15	13 39			n.a.
S 12	23 9	18 41	2 48	25 31	1 42	12 33	0 16	12 50	0 49	23 42	0 42	24 4	0 43	24 10	0 21	18 59	1 5	27 19	3 48	3 49	3 16	13 42			n.a.
S 13	23 3	13 5	1 44	25 34	1 45	12 5	0 11	13 4	0 48	23 41	0 42	24 4	0 43	24 10	0 21	19 0	1 5	27 19	3 48	3 51	3 18	13 45			n.a.
M14	22 56	6 48	0 33	25 35	1 49	11 37	0 6	13 17	0 48	23 39	0 43	24 5	0 43	24 10	0 21	19 0	1 5	27 19	3 48	3 52	3 19	13 48			n.a.
T 15	22 49	0 9	0n41	25 35	1 52	11 9	0 2	13 31	0 47	23 38	0 43	24 5	0 43	24 10	0 21	19 1	1 5	27 19	3 48	3 52	3 20	13 52			n.a.
W16	22 41	6n35	1 53	25 33	1 54	10 40	0n 3	13 45	0 46	23 36	0 43	24 6	0 43	24 10	0 21	19 1	1 5	27 19	3 48	3 51	3 21	13 55			n.a.
T 17	22 33	13 2	2 59	25 30	1 56	10 12	0 8	13 58	0 46	23 35	0 43	24 6	0 43	24 10	0 21	19 2	1 5	27 19	3 48	3 51	3 23	13 58			n.a.
F 18	22 25	18 51	3 54	25 24	1 58	9 43	0 13	14 12	0 45	23 33	0 43	24 7	0 43	24 10	0 21	19 2	1 5	27 19	3 48	3 52	3 24	14 1			n.a.
S 19	22 16	23 40	4 35	25 17	2 0	9 14	0 18	14 25	0 44	23 31	0 43	24 7	0 43	24 10	0 21	19 2	1 5	27 19	3 48	3 54	3 25	14 4			n.a.
S 20	22 6	27 3	4 59	25 8	2 1	8 45	0 23	14 38	0 43	23 30	0 43	24 7	0 43	24 10	0 21	19 3	1 5	27 19	3 48	3 57	3 26	14 7			n.a.
M21	21 57	28 42	5 4	24 57	2 1	8 16	0 29	14 51	0 43	23 28	0 43	24 8	0 44	24 10	0 21	19 3	1 5	27 19	3 48	4 0	3 28	14 10			n.a.
T 22	21 47	28 27	4 51	24 44	2 2	7 47	0 34	15 4	0 42	23 26	0 43	24 8	0 44	24 10	0 21	19 4	1 5	27 18	3 48	4 4	3 29	14 13			n.a.
W23	21 36	26 25	4 20	24 29	2 1	7 18	0 40	15 17	0 41	23 24	0 43	24 9	0 44	24 10	0 21	19 4	1 5	27 18	3 48	4 8	3 30	14 16			n.a.
T 24	21 25	22 53	3 36	24 12	2 0	6 48	0 45	15 30	0 41	23 23	0 44	24 9	0 44	24 10	0 22	19 5	1 5	27 18	3 48	4 11	3 32	14 19			n.a.
F 25	21 14	18 14	2 40	23 53	1 59	6 19	0 51	15 43	0 40	23 21	0 44	24 10	0 44	24 10	0 22	19 5	1 5	27 18	3 48	4 14	3 33	14 22			n.a.
S 26	21 2	12 52	1 38	23 31	1 57	5 49	0 56	15 55	0 39	23 19	0 44	24 10	0 44	24 10	0 22	19 6	1 5	27 18	3 48	4 15	3 34	14 25			n.a.
S 27	20 50	7 6	0 32	23 8	1 55	5 20	1 2	16 8	0 38	23 17	0 44	24 11	0 44	24 10	0 22	19 6	1 5	27 18	3 48	4 16	3 35	14 29			n.a.
M28	20 37	1 13	0 s34	22 43	1 52	4 50	1 8	16 20	0 37	23 15	0 44	24 11	0 44	24 10	0 22	19 7	1 5	27 18	3 48	4 16	3 37	14 32			n.a.
T 29	20 25	4 s37	1 38	22 15	1 49	4 21	1 13	16 33	0 37	23 13	0 44	24 11	0 44	24 11	0 22	19 7	1 5	27 18	3 48	4 16	3 38	14 35			n.a.
W30	20 11	10 13	2 36	21 46	1 45	3 51	1 19	16 45	0 36	23 12	0 44	24 12	0 44	24 11	0 22	19 7	1 5	27 18	3 48	4 15	3 39	14 38			n.a.
T 31	19 s58	15 s25	3 s27	21 s14	1 s40	3 s21	1n25	16 s57	0n35	23 s10	0 s44	24n12	0n44	24 s11	0 s22	19n 8	1n 5	27n18	3n48	4 s15	3 s40	14 s41			n.a.

Julian Day Number = 1345946.5, Delta T = 07h11m35s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°16'02, Lahiri = -18°09'02 Julian Calendar 1 Jan. 1028 BCE == Greg. Calendar 22 Dec. 1029 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

FEBRUARY 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 5 22	3♒16'52	13♏21	5♒45	19♓24	18♏48	19♑23	9°R33	29♐ 3	9°R43	20°R53	19°R25	20♓49	0♏ 6	n.a.	F 1
S 2	8 9 19	4°16'41	25°18	7°42	20°24	19°27	19°37	9♋29	29° 6	9♌42	20♊52	19♓23	20°46	0°13	n.a.	S 2
S 3	8 13 15	5°16'28	7♐27	9°40	21°23	20° 7	19°51	9°24	29° 9	9°40	20°51	19°19	20°43	0°19	n.a.	S 3
M 4	8 17 12	6°16'13	19°50	11°39	22°22	20°46	20° 5	9°20	29°12	9°38	20°50	19°13	20°40	0°26	n.a.	M 4
T 5	8 21 8	7°15'57	2♑31	13°37	23°21	21°26	20°19	9°16	29°15	9°37	20°49	19° 6	20°36	0°33	n.a.	T 5
W 6	8 25 5	8°15'38	15°31	15°36	24°19	22° 5	20°33	9°12	29°18	9°35	20°48	18°58	20°33	0°39	n.a.	W 6
T 7	8 29 1	9°15'17	28°50	17°35	25°17	22°44	20°47	9° 9	29°21	9°33	20°47	18°51	20°30	0°46	n.a.	T 7
F 8	8 32 58	10°14'55	12♒27	19°33	26°14	23°24	21° 1	9° 5	29°24	9°32	20°47	18°46	20°27	0°53	n.a.	F 8
S 9	8 36 54	11°14'30	26°18	21°30	27°11	24° 3	21°15	9° 1	29°26	9°30	20°46	18°42	20°24	0°59	n.a.	S 9
S 10	8 40 51	12°14'02	10♓21	23°27	28° 7	24°43	21°29	8°57	29°29	9°28	20°45	18°40	20°21	1° 6	n.a.	S 10
M11	8 44 48	13°13'32	24°31	25°21	29° 2	25°22	21°43	8°54	29°32	9°27	20°44	18°D40	20°17	1°13	n.a.	M11
T 12	8 48 44	14°13'00	8♈45	27°15	29°57	26° 1	21°57	8°50	29°35	9°25	20°44	18°41	20°14	1°19	n.a.	T 12
W13	8 52 41	15°12'26	23° 0	29° 5	0♈51	26°41	22°11	8°47	29°37	9°23	20°43	18°42	20°11	1°26	n.a.	W13
T 14	8 56 37	16°11'49	7♉13	0♓53	1°45	27°20	22°24	8°43	29°40	9°22	20°42	18°44	20° 8	1°33	n.a.	T 14
F 15	9 0 34	17°11'09	21°22	2°38	2°38	27°59	22°38	8°40	29°43	9°20	20°41	18°R44	20° 5	1°39	n.a.	F 15
S 16	9 4 30	18°10'27	5♊26	4°20	3°30	28°38	22°52	8°37	29°45	9°18	20°41	18°43	20° 1	1°46	n.a.	S 16
S 17	9 8 27	19° 9'43	19°23	5°57	4°22	29°17	23° 6	8°34	29°48	9°17	20°40	18°40	19°58	1°53	n.a.	S 17
M18	9 12 23	20° 8'56	3♋11	7°30	5°13	29°57	23°19	8°31	29°50	9°15	20°40	18°37	19°55	1°59	n.a.	M18
T 19	9 16 20	21° 8'07	16°48	8°58	6° 3	0♐36	23°33	8°28	29°53	9°14	20°39	18°32	19°52	2° 6	n.a.	T 19
W20	9 20 17	22° 7'15	0♌13	10°21	6°52	1°15	23°46	8°25	29°55	9°12	20°38	18°28	19°49	2°13	n.a.	W20
T 21	9 24 13	23° 6'21	13°23	11°39	7°40	1°54	24° 0	8°22	29°58	9°10	20°38	18°24	19°46	2°19	n.a.	T 21
F 22	9 28 10	24° 5'25	26°19	12°50	8°28	2°33	24°13	8°20	0♑ 0	9° 9	20°37	18°22	19°42	2°26	n.a.	F 22
S 23	9 32 6	25° 4'27	8♍59	13°56	9°15	3°12	24°27	8°17	0° 3	9° 7	20°37	18°20	19°39	2°33	n.a.	S 23
S 24	9 36 3	26° 3'26	21°24	14°55	10° 1	3°51	24°40	8°15	0° 5	9° 6	20°37	18°D20	19°36	2°40	n.a.	S 24
M25	9 39 59	27° 2'23	3♎36	15°48	10°45	4°30	24°53	8°12	0° 7	9° 4	20°36	18°21	19°33	2°46	n.a.	M25
T 26	9 43 56	28° 1'19	15°38	16°35	11°29	5° 9	25° 6	8°10	0°10	9° 2	20°36	18°22	19°30	2°53	n.a.	T 26
W27	9 47 52	29° 0'12	27°32	17°14	12°12	5°48	25°20	8° 8	0°12	9° 1	20°35	18°24	19°27	3° 0	n.a.	W27
T 28	9 51 49	29♒59'04	9♏22	17♓47	12♈54	6♐26	25♑33	8♋ 6	0♑14	8♌59	20♊35	18♓25	19♓23	3♏ 6	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s44	20s 3	4s10	20s40	1s35	2s52	1n31	17s 9	0n34	23s 8	0s44	24n13	0n44	24s11	0s22	19n 8	1n 5	27n18	3n48	4s15	3s42	14s44		n.a.
S 2	19 30	23 57	4 42	20 4	1 29	2 23	1 37	17 20	0 33	23 6	0 45	24 13	0 45	24 11	0 22	19 9	1 5	27 18	3 48	4 16	3 43	14 47		n.a.
S 3	19 15	26 52	5 2	19 26	1 23	1 53	1 44	17 32	0 32	23 4	0 45	24 13	0 45	24 11	0 22	19 9	1 5	27 18	3 48	4 18	3 44	14 50		n.a.
M 4	19 0	28 33	5 9	18 47	1 16	1 24	1 50	17 44	0 31	23 2	0 45	24 14	0 45	24 11	0 22	19 10	1 5	27 18	3 48	4 20	3 45	14 53		n.a.
T 5	18 45	28 48	5 1	18 5	1 8	0 55	1 56	17 55	0 30	23 0	0 45	24 14	0 45	24 11	0 22	19 10	1 5	27 18	3 48	4 23	3 47	14 56		n.a.
W 6	18 29	27 29	4 37	17 22	1 0	0 26	2 2	18 6	0 29	22 58	0 45	24 14	0 45	24 11	0 22	19 11	1 5	27 18	3 48	4 26	3 48	14 59		n.a.
T 7	18 13	24 35	3 57	16 37	0 51	0n 3	2 8	18 17	0 28	22 56	0 45	24 15	0 45	24 11	0 22	19 11	1 5	27 17	3 48	4 29	3 49	15 2		n.a.
F 8	17 57	20 16	3 4	15 51	0 41	0 32	2 15	18 28	0 28	22 54	0 45	24 15	0 45	24 11	0 22	19 12	1 5	27 17	3 48	4 31	3 51	15 5		n.a.
S 9	17 41	14 48	1 59	15 3	0 31	1 1	2 21	18 39	0 27	22 51	0 45	24 15	0 45	24 11	0 22	19 12	1 5	27 17	3 48	4 32	3 52	15 8		n.a.
S 10	17 24	8 30	0 45	14 15	0 21	1 29	2 28	18 50	0 26	22 49	0 46	24 16	0 45	24 11	0 22	19 13	1 5	27 17	3 48	4 33	3 53	15 11		n.a.
M11	17 7	1 43	0n32	13 25	0 9	1 58	2 34	19 1	0 25	22 47	0 46	24 16	0 45	24 11	0 22	19 13	1 5	27 17	3 48	4 33	3 54	15 14		n.a.
T 12	16 50	5n10	1 47	12 35	0n 2	2 26	2 41	19 11	0 24	22 45	0 46	24 16	0 45	24 11	0 22	19 14	1 5	27 17	3 48	4 33	3 56	15 17		n.a.
W13	16 32	11 48	2 56	11 45	0 14	2 54	2 47	19 21	0 22	22 43	0 46	24 16	0 45	24 11	0 22	19 14	1 5	27 17	3 48	4 32	3 57	15 20		n.a.
T 14	16 14	17 49	3 54	10 55	0 27	3 21	2 54	19 32	0 21	22 41	0 46	24 17	0 45	24 11	0 22	19 14	1 5	27 17	3 48	4 32	3 58	15 23		n.a.
F 15	15 56	22 51	4 38	10 5	0 39	3 49	3 0	19 42	0 20	22 39	0 46	24 17	0 45	24 11	0 22	19 15	1 5	27 17	3 48	4 32	3 59	15 26		n.a.
S 16	15 37	26 32	5 4	9 16	0 52	4 16	3 7	19 52	0 19	22 37	0 46	24 17	0 45	24 11	0 22	19 15	1 5	27 17	3 48	4 32	4 1	15 29		n.a.
S 17	15 19	28 35	5 13	8 28	1 5	4 43	3 14	20 1	0 18	22 34	0 47	24 18	0 45	24 11	0 22	19 16	1 5	27 17	3 48	4 33	4 2	15 32		n.a.
M18	15 0	28 49	5 3	7 41	1 18	5 9	3 20	20 11	0 17	22 32	0 47	24 18	0 45	24 11	0 22	19 16	1 5	27 17	3 48	4 35	4 3	15 35		n.a.
T 19	14 41	27 18	4 36	6 56	1 31	5 36	3 27	20 20	0 16	22 30	0 47	24 18	0 45	24 11	0 22	19 17	1 5	27 17	3 48	4 36	4 4	15 38		n.a.
W20	14 21	24 14	3 54	6 13	1 44	6 1	3 33	20 30	0 15	22 28	0 47	24 18	0 45	24 11	0 22	19 17	1 5	27 17	3 48	4 38	4 6	15 41		n.a.
T 21	14 2	19 56	3 0	5 31	1 56	6 27	3 40	20 39	0 14	22 25	0 47	24 18	0 46	24 11	0 22	19 18	1 5	27 17	3 48	4 39	4 7	15 44		n.a.
F 22	13 42	14 47	1 58	4 53	2 8	6 52	3 47	20 48	0 12	22 23	0 47	24 19	0 46	24 11	0 22	19 18	1 5	27 17	3 48	4 40	4 8	15 47		n.a.
S 23	13 22	9 7	0 51	4 17	2 20	7 17	3 53	20 57	0 11	22 21	0 47	24 19	0 46	24 11	0 22	19 18	1 5	27 16	3 48	4 41	4 10	15 50		n.a.
S 24	13 2	3 12	0s17	3 43	2 31	7 41	4 0	21 6	0 10	22 19	0 48	24 19	0 46	24 11	0 22	19 19	1 5	27 16	3 48	4 41	4 11	15 53		n.a.
M25	12 42	2s43	1 23	3 13	2 41	8 5	4 7	21 14	0 9	22 16	0 48	24 19	0 46	24 11	0 22	19 19	1 5	27 16	3 48	4 41	4 12	15 56		n.a.
T 26	12 21	8 28	2 25	2 46	2 50	8 29	4 13	21 23	0 7	22 14	0 48	24 19	0 46	24 11	0 22	19 20	1 5	27 16	3 48	4 40	4 13	15 59		n.a.
W27	12 0	13 51	3 20	2 23	2 59	8 52	4 20	21 31	0 6	22 12	0 48	24 20	0 46	24 11	0 22	19 20	1 5	27 16	3 48	4 40	4 15	16 2		n.a.
T 28	11s39	18s43	4s 6	2s 3	3n 7	9n15	4n26	21s39	0n 5	22s10	0s48	24n20	0n46	24s11	0s22	19n21	1n 5	27n16	3n48	4s39	4s16	16s 5		n.a.

Julian Day Number = 1345977.5, Delta T = 07h11m33s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'58, Lahiri = -18°08'57 Julian Calendar 1 Feb. 1028 BCE == Greg. Calendar 22 Jan. 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

MARCH 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 55 45	0♓57'53	21♏14	18♓13	13♈35	7♐ 5	25♑46	8°R 4	0♑16	8°R58	20°R35	18♓26	19♓20	3♏13	n.a.	F 1
S 2	9 59 42	1°56'41	3♐12	18°32	14°14	7°44	25°59	8♋ 2	0°18	8♌56	20♊34	18°R26	19°17	3°20	n.a.	S 2
S 3	10 3 39	2°55'27	15°20	18°44	14°52	8°23	26°12	8° 0	0°20	8°55	20°34	18°26	19°14	3°26	n.a.	S 3
M 4	10 7 35	3°54'11	27°44	18°R49	15°30	9° 1	26°25	7°58	0°22	8°53	20°34	18°25	19°11	3°33	n.a.	M 4
T 5	10 11 32	4°52'53	10♑26	18°48	16° 5	9°40	26°37	7°57	0°24	8°52	20°34	18°23	19° 7	3°40	n.a.	T 5
W 6	10 15 28	5°51'34	23°30	18°41	16°40	10°19	26°50	7°55	0°26	8°50	20°33	18°22	19° 4	3°46	n.a.	W 6
T 7	10 19 25	6°50'12	6♒57	18°27	17°13	10°57	27° 3	7°54	0°28	8°49	20°33	18°20	19° 1	3°53	n.a.	T 7
F 8	10 23 21	7°48'49	20°47	18° 8	17°45	11°36	27°15	7°53	0°30	8°48	20°33	18°19	18°58	4° 0	n.a.	F 8
S 9	10 27 18	8°47'23	4♓57	17°44	18°15	12°14	27°28	7°51	0°32	8°46	20°33	18°18	18°55	4° 6	n.a.	S 9
S 10	10 31 14	9°45'55	19°23	17°16	18°44	12°53	27°41	7°50	0°33	8°45	20°33	18°D18	18°52	4°13	n.a.	S 10
M11	10 35 11	10°44'26	4♈ 0	16°43	19°11	13°31	27°53	7°49	0°35	8°43	20°33	18°18	18°48	4°20	n.a.	M11
T 12	10 39 7	11°42'54	18°41	16° 7	19°37	14° 9	28° 5	7°49	0°37	8°42	20°33	18°19	18°45	4°26	n.a.	T 12
W13	10 43 4	12°41'20	3♉20	15°28	20° 0	14°47	28°17	7°48	0°38	8°41	20°D33	18°19	18°42	4°33	n.a.	W13
T 14	10 47 1	13°39'43	17°51	14°47	20°22	15°25	28°30	7°47	0°40	8°39	20°33	18°20	18°39	4°40	n.a.	T 14
F 15	10 50 57	14°38'05	2♊10	14° 5	20°43	16° 3	28°42	7°47	0°41	8°38	20°33	18°20	18°36	4°47	n.a.	F 15
S 16	10 54 54	15°36'24	16°15	13°23	21° 1	16°41	28°54	7°46	0°43	8°37	20°33	18°R20	18°33	4°53	n.a.	S 16
S 17	10 58 50	16°34'41	0♋ 4	12°41	21°17	17°19	29° 6	7°46	0°44	8°36	20°33	18°20	18°29	5° 0	n.a.	S 17
M18	11 2 47	17°32'56	13°36	12° 0	21°31	17°57	29°18	7°46	0°46	8°34	20°33	18°20	18°26	5° 7	n.a.	M18
T 19	11 6 43	18°31'09	26°53	11°22	21°44	18°35	29°29	7°45	0°47	8°33	20°33	18°D20	18°23	5°13	n.a.	T 19
W20	11 10 40	19°29'19	9♌54	10°45	21°54	19°13	29°41	7°D45	0°48	8°32	20°33	18°20	18°20	5°20	n.a.	W20
T 21	11 14 36	20°27'27	22°42	10°12	22° 1	19°50	29°53	7°46	0°50	8°31	20°33	18°20	18°17	5°27	n.a.	T 21
F 22	11 18 33	21°25'34	5♍16	9°42	22° 7	20°28	0♒ 4	7°46	0°51	8°30	20°34	18°20	18°13	5°33	n.a.	F 22
S 23	11 22 30	22°23'38	17°39	9°16	22°10	21° 6	0°16	7°46	0°52	8°29	20°34	18°R20	18°10	5°40	n.a.	S 23
S 24	11 26 26	23°21'40	29°52	8°55	22°R11	21°43	0°27	7°46	0°53	8°28	20°34	18°20	18° 7	5°47	n.a.	S 24
M25	11 30 23	24°19'41	11♎55	8°37	22°10	22°20	0°38	7°47	0°54	8°27	20°34	18°20	18° 4	5°53	n.a.	M25
T 26	11 34 19	25°17'40	23°52	8°25	22° 6	22°58	0°49	7°48	0°55	8°26	20°35	18°19	18° 1	6° 0	n.a.	T 26
W27	11 38 16	26°15'37	5♏45	8°17	21°59	23°35	1° 0	7°48	0°56	8°25	20°35	18°18	17°58	6° 7	n.a.	W27
T 28	11 42 12	27°13'33	17°35	8°D14	21°51	24°12	1°11	7°49	0°57	8°24	20°35	18°17	17°54	6°13	n.a.	T 28
F 29	11 46 9	28°11'28	29°28	8°16	21°39	24°49	1°22	7°50	0°58	8°23	20°36	18°16	17°51	6°20	n.a.	F 29
S 30	11 50 5	29° 9'21	11♐25	8°22	21°26	25°26	1°33	7°51	0°59	8°22	20°36	18°15	17°48	6°27	n.a.	S 30
S 31	11 54 2	0♈ 7'12	23♐32	8♓33	21♈10	26♐ 3	1♒44	7♋52	1♑ 0	8♌21	20♊37	18♓14	17♓45	6♏34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s18	22s52	4s41	1s46	3n14	9n37	4n33	21s47	0n 4	22s 7	0s48	24n20	0n46	24s11	0s22	19n21	1n 5	27n16	3n48	4s39	4s17	16s 8		n.a.
S 2	10 57	26 7	5 5	1 34	3 19	9 58	4 39	21 55	0 2	22 5	0 49	24 20	0 46	24 11	0 22	19 21	1 5	27 16	3 48	4 39	4 18	16 11		n.a.
S 3	10 36	28 13	5 16	1 25	3 23	10 19	4 45	22 2	0 1	22 3	0 49	24 20	0 46	24 11	0 22	19 22	1 5	27 16	3 48	4 39	4 20	16 14		n.a.
M 4	10 14	29 0	5 12	1 20	3 26	10 40	4 52	22 10	0s 1	22 0	0 49	24 20	0 46	24 11	0 22	19 22	1 5	27 16	3 48	4 39	4 21	16 17		n.a.
T 5	9 52	28 16	4 53	1 19	3 28	11 0	4 58	22 17	0 2	21 58	0 49	24 20	0 46	24 11	0 22	19 23	1 5	27 16	3 48	4 40	4 22	16 19		n.a.
W 6	9 30	25 59	4 19	1 21	3 28	11 19	5 4	22 24	0 3	21 56	0 49	24 21	0 46	24 12	0 22	19 23	1 5	27 16	3 48	4 40	4 23	16 22		n.a.
T 7	9 8	22 12	3 29	1 28	3 27	11 37	5 10	22 31	0 5	21 53	0 49	24 21	0 46	24 12	0 22	19 23	1 5	27 16	3 48	4 41	4 25	16 25		n.a.
F 8	8 46	17 6	2 27	1 38	3 24	11 55	5 16	22 38	0 6	21 51	0 50	24 21	0 46	24 12	0 22	19 24	1 5	27 16	3 48	4 42	4 26	16 28		n.a.
S 9	8 24	10 59	1 13	1 51	3 20	12 12	5 22	22 45	0 8	21 49	0 50	24 21	0 46	24 12	0 22	19 24	1 5	27 16	3 48	4 42	4 27	16 31		n.a.
S 10	8 2	4 10	0n 6	2 8	3 14	12 29	5 27	22 51	0 9	21 46	0 50	24 21	0 46	24 12	0 22	19 24	1 5	27 16	3 48	4 42	4 29	16 34		n.a.
M11	7 39	2n56	1 26	2 28	3 7	12 45	5 33	22 58	0 11	21 44	0 50	24 21	0 46	24 12	0 22	19 25	1 5	27 16	3 48	4 42	4 30	16 37		n.a.
T 12	7 17	9 54	2 41	2 50	2 58	13 0	5 39	23 4	0 12	21 42	0 50	24 21	0 46	24 12	0 22	19 25	1 5	27 16	3 48	4 42	4 31	16 40		n.a.
W13	6 54	16 20	3 45	3 15	2 48	13 14	5 44	23 10	0 14	21 39	0 50	24 21	0 46	24 12	0 23	19 25	1 5	27 16	3 48	4 41	4 32	16 43		n.a.
T 14	6 31	21 47	4 34	3 41	2 36	13 27	5 49	23 16	0 15	21 37	0 51	24 21	0 46	24 12	0 23	19 26	1 5	27 16	3 48	4 41	4 34	16 46		n.a.
F 15	6 9	25 54	5 5	4 9	2 24	13 39	5 54	23 21	0 17	21 35	0 51	24 21	0 46	24 12	0 23	19 26	1 5	27 16	3 48	4 41	4 35	16 49		n.a.
S 16	5 46	28 21	5 17	4 38	2 10	13 51	5 58	23 27	0 19	21 32	0 51	24 21	0 46	24 12	0 23	19 26	1 5	27 16	3 48	4 41	4 36	16 51		n.a.
S 17	5 23	29 0	5 11	5 8	1 56	14 1	6 3	23 32	0 20	21 30	0 51	24 21	0 46	24 12	0 23	19 27	1 5	27 16	3 48	4 41	4 37	16 54		n.a.
M18	5 0	27 52	4 47	5 38	1 40	14 10	6 7	23 38	0 22	21 28	0 51	24 21	0 46	24 12	0 23	19 27	1 5	27 16	3 48	4 41	4 39	16 57		n.a.
T 19	4 37	25 10	4 8	6 7	1 24	14 19	6 11	23 43	0 24	21 25	0 52	24 21	0 46	24 12	0 23	19 27	1 5	27 16	3 48	4 41	4 40	17 0		n.a.
W20	4 14	21 13	3 17	6 36	1 8	14 26	6 15	23 48	0 25	21 23	0 52	24 21	0 46	24 12	0 23	19 28	1 5	27 16	3 47	4 41	4 41	17 3		n.a.
T 21	3 50	16 20	2 18	7 4	0 52	14 32	6 18	23 52	0 27	21 21	0 52	24 21	0 46	24 12	0 23	19 28	1 5	27 16	3 47	4 41	4 42	17 6		n.a.
F 22	3 27	10 50	1 12	7 31	0 35	14 37	6 21	23 57	0 29	21 18	0 52	24 21	0 46	24 12	0 23	19 28	1 5	27 16	3 47	4 41	4 44	17 9		n.a.
S 23	3 4	5 1	0 4	7 56	0 19	14 40	6 24	24 1	0 30	21 16	0 52	24 21	0 46	24 12	0 23	19 29	1 5	27 16	3 47	4 41	4 45	17 11		n.a.
S 24	2 41	0s55	1s 3	8 19	0 3	14 43	6 26	24 6	0 32	21 14	0 53	24 21	0 46	24 12	0 23	19 29	1 5	27 15	3 47	4 41	4 46	17 14		n.a.
M25	2 17	6 44	2 7	8 40	0s13	14 44	6 28	24 10	0 34	21 12	0 53	24 21	0 46	24 12	0 23	19 29	1 5	27 15	3 47	4 41	4 47	17 17		n.a.
T 26	1 54	12 15	3 4	8 59	0 28	14 44	6 29	24 14	0 36	21 9	0 53	24 21	0 46	24 12	0 23	19 29	1 5	27 15	3 47	4 41	4 49	17 20		n.a.
W27	1 31	17 18	3 53	9 16	0 43	14 42	6 30	24 17	0 38	21 7	0 53	24 21	0 46	24 12	0 23	19 30	1 5	27 15	3 47	4 42	4 50	17 23		n.a.
T 28	1 7	21 42	4 32	9 30	0 57	14 39	6 30	24 21	0 40	21 5	0 53	24 21	0 46	24 12	0 23	19 30	1 5	27 15	3 47	4 42	4 51	17 26		n.a.
F 29	0 44	25 13	5 0	9 42	1 11	14 35	6 30	24 25	0 42	21 3	0 54	24 21	0 46	24 12	0 23	19 30	1 5	27 15	3 47	4 43	4 52	17 29		n.a.
S 30	0 20	27 42	5 14	9 51	1 23	14 29	6 29	24 28	0 44	21 0	0 54	24 21	0 46	24 12	0 23	19 30	1 5	27 15	3 47	4 43	4 54	17 31		n.a.
S 31	0n 3	28s54	5s15	9s58	1s35	14n21	6n28	24s31	0s46	20s58	0s54	24n21	0n46	24s12	0s23	19n31	1n 5	27n15	3n47	4s43	4s55	17s34		n.a.

Julian Day Number = 1346005.5, Delta T = 07h11m32s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'54, Lahiri = -18°08'54 Julian Calendar 1 March 1028 BCE == Greg. Calendar 19 Feb. 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

APRIL 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 57 58	1♈ 5'02	5♉53	8♓49	20°R51	26♐39	1♒54	7♋53	1♉ 0	8°R20	20♊37	18°D14	17♓42	6♏40	n.a.	M 1
T 2	12 1 55	2° 2'51	18°32	9°10	20♈30	27°16	2° 5	7°55	1° 1	8♌19	20°38	18♓14	17°38	6°47	n.a.	T 2
W 3	12 5 52	3° 0'38	1♒33	9°34	20° 8	27°52	2°15	7°56	1° 2	8°18	20°38	18°15	17°35	6°54	n.a.	W 3
T 4	12 9 48	3°58'25	14°59	10° 3	19°42	28°29	2°25	7°58	1° 2	8°17	20°39	18°17	17°32	7° 0	n.a.	T 4
F 5	12 13 45	4°56'09	28°51	10°37	19°15	29° 5	2°35	8° 0	1° 3	8°17	20°39	18°18	17°29	7° 7	n.a.	F 5
S 6	12 17 41	5°53'53	13♓ 8	11°14	18°46	29°41	2°45	8° 1	1° 3	8°16	20°40	18°R18	17°26	7°14	n.a.	S 6
S 7	12 21 38	6°51'35	27°47	11°55	18°15	0♉17	2°55	8° 3	1° 4	8°15	20°40	18°18	17°23	7°20	n.a.	S 7
M 8	12 25 34	7°49'15	12♈43	12°39	17°43	0°53	3° 5	8° 5	1° 4	8°15	20°41	18°17	17°19	7°27	n.a.	M 8
T 9	12 29 31	8°46'54	27°46	13°27	17° 9	1°29	3°15	8° 7	1° 4	8°14	20°42	18°15	17°16	7°34	n.a.	T 9
W10	12 33 27	9°44'32	12♉48	14°19	16°34	2° 5	3°24	8° 9	1° 5	8°13	20°42	18°13	17°13	7°40	n.a.	W10
T 11	12 37 24	10°42'08	27°41	15°14	15°58	2°40	3°34	8°12	1° 5	8°13	20°43	18°10	17°10	7°47	n.a.	T 11
F 12	12 41 21	11°39'42	12♊17	16°12	15°21	3°15	3°43	8°14	1° 5	8°12	20°44	18° 7	17° 7	7°54	n.a.	F 12
S 13	12 45 17	12°37'15	26°32	17°13	14°44	3°51	3°52	8°16	1° 5	8°12	20°45	18° 5	17° 4	8° 1	n.a.	S 13
S 14	12 49 14	13°34'47	10♋23	18°18	14° 6	4°26	4° 1	8°19	1° 5	8°11	20°45	18°D 4	17° 0	8° 7	n.a.	S 14
M15	12 53 10	14°32'16	23°51	19°25	13°28	5° 0	4°10	8°22	1°R 5	8°11	20°46	18° 5	16°57	8°14	n.a.	M15
T 16	12 57 7	15°29'44	6♌57	20°35	12°50	5°35	4°19	8°24	1° 5	8°10	20°47	18° 6	16°54	8°21	n.a.	T 16
W17	13 1 3	16°27'11	19°44	21°48	12°13	6°10	4°28	8°27	1° 5	8°10	20°48	18° 7	16°51	8°27	n.a.	W17
T 18	13 5 0	17°24'36	2♍15	23° 4	11°36	6°44	4°36	8°30	1° 5	8°10	20°49	18° 9	16°48	8°34	n.a.	T 18
F 19	13 8 56	18°22'00	14°34	24°22	11° 0	7°18	4°45	8°33	1° 5	8° 9	20°50	18°R10	16°44	8°41	n.a.	F 19
S 20	13 12 53	19°19'22	26°42	25°43	10°25	7°52	4°53	8°36	1° 5	8° 9	20°51	18°10	16°41	8°47	n.a.	S 20
S 21	13 16 50	20°16'43	8♎43	27° 7	9°52	8°26	5° 1	8°40	1° 4	8° 9	20°52	18° 8	16°38	8°54	n.a.	S 21
M22	13 20 46	21°14'03	20°39	28°33	9°19	9° 0	5° 9	8°43	1° 4	8° 8	20°53	18° 4	16°35	9° 1	n.a.	M22
T 23	13 24 43	22°11'23	2♏32	0♈ 2	8°49	9°34	5°17	8°46	1° 4	8° 8	20°53	18° 0	16°32	9° 7	n.a.	T 23
W24	13 28 39	23° 8'41	14°23	1°33	8°20	10° 7	5°25	8°50	1° 3	8° 8	20°54	17°54	16°29	9°14	n.a.	W24
T 25	13 32 36	24° 5'58	26°14	3° 7	7°54	10°40	5°33	8°53	1° 3	8° 8	20°56	17°47	16°25	9°21	n.a.	T 25
F 26	13 36 32	25° 3'14	8♐ 9	4°44	7°29	11°13	5°40	8°57	1° 2	8° 8	20°57	17°41	16°22	9°28	n.a.	F 26
S 27	13 40 29	26° 0'30	20° 8	6°23	7° 7	11°46	5°47	9° 1	1° 2	8° 8	20°58	17°35	16°19	9°34	n.a.	S 27
S 28	13 44 25	26°57'45	2♉16	8° 4	6°47	12°18	5°55	9° 5	1° 1	8° 8	20°59	17°31	16°16	9°41	n.a.	S 28
M29	13 48 22	27°55'00	14°36	9°48	6°29	12°51	6° 2	9° 8	1° 1	8°D 8	21° 0	17°28	16°13	9°48	n.a.	M29
T 30	13 52 19	28♈52'14	27♉12	11♈34	6♈14	13♉23	6♒ 9	9♋12	1♉ 0	8♌ 8	21♊ 1	17°D27	16♓10	9♏54	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n26	28s42	5s 2	10s 2	1s47	14n12	6n26	24s34	0s48	20s56	0s54	24n21	0n46	24s12	0s23	19n31	1n 5	27n15	3n47	4s43	4s56	17s37		n.a.
T 2	0 50	27 1	4 33	10 4	1 57	14 2	6 24	24 37	0 50	20 54	0 55	24 21	0 46	24 12	0 23	19 31	1 5	27 15	3 47	4 43	4 58	17 40		n.a.
W 3	1 13	23 52	3 51	10 3	2 7	13 50	6 20	24 40	0 52	20 52	0 55	24 21	0 46	24 12	0 23	19 31	1 5	27 16	3 47	4 43	4 59	17 43		n.a.
T 4	1 36	19 22	2 54	10 0	2 16	13 37	6 17	24 42	0 54	20 50	0 55	24 21	0 46	24 12	0 23	19 31	1 5	27 16	3 47	4 42	5 0	17 45		n.a.
F 5	1 59	13 42	1 45	9 55	2 24	13 22	6 12	24 45	0 56	20 47	0 55	24 21	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 42	5 1	17 48		n.a.
S 6	2 23	7 10	0 29	9 47	2 31	13 6	6 7	24 47	0 58	20 45	0 56	24 21	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 42	5 3	17 51		n.a.
S 7	2 46	0 6	0n52	9 37	2 37	12 48	6 1	24 49	1 0	20 43	0 56	24 21	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 42	5 4	17 54		n.a.
M 8	3 9	7n 6	2 11	9 25	2 43	12 29	5 54	24 51	1 2	20 41	0 56	24 20	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 42	5 5	17 57		n.a.
T 9	3 32	13 57	3 21	9 10	2 48	12 9	5 47	24 53	1 4	20 39	0 56	24 20	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 43	5 6	17 59		n.a.
W10	3 55	20 0	4 17	8 54	2 52	11 48	5 38	24 55	1 7	20 37	0 56	24 20	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 44	5 8	18 2		n.a.
T 11	4 18	24 44	4 55	8 35	2 55	11 26	5 30	24 56	1 9	20 35	0 57	24 20	0 46	24 12	0 23	19 32	1 5	27 16	3 47	4 45	5 9	18 5		n.a.
F 12	4 41	27 47	5 13	8 15	2 57	11 2	5 20	24 58	1 11	20 33	0 57	24 20	0 46	24 12	0 23	19 33	1 5	27 16	3 47	4 46	5 10	18 8		n.a.
S 13	5 4	28 57	5 11	7 52	2 59	10 38	5 10	24 59	1 13	20 31	0 57	24 20	0 46	24 12	0 23	19 33	1 5	27 16	3 47	4 47	5 11	18 10		n.a.
S 14	5 26	28 14	4 51	7 27	3 0	10 13	4 59	25 0	1 16	20 29	0 57	24 20	0 46	24 12	0 23	19 33	1 5	27 16	3 47	4 47	5 13	18 13		n.a.
M15	5 49	25 52	4 15	7 1	3 1	9 48	4 48	25 2	1 18	20 27	0 58	24 19	0 46	24 12	0 23	19 33	1 5	27 16	3 47	4 47	5 14	18 16		n.a.
T 16	6 12	22 10	3 27	6 33	3 0	9 22	4 36	25 2	1 21	20 25	0 58	24 19	0 46	24 12	0 23	19 33	1 5	27 16	3 47	4 47	5 15	18 19		n.a.
W17	6 34	17 30	2 30	6 2	2 59	8 56	4 24	25 3	1 23	20 23	0 58	24 19	0 46	24 12	0 23	19 33	1 5	27 16	3 47	4 46	5 16	18 21		n.a.
T 18	6 56	12 11	1 26	5 30	2 58	8 30	4 11	25 4	1 25	20 22	0 58	24 19	0 46	24 12	0 23	19 33	1 4	27 16	3 47	4 45	5 18	18 24		n.a.
F 19	7 19	6 29	0 20	4 57	2 55	8 3	3 58	25 5	1 28	20 20	0 59	24 19	0 47	24 12	0 24	19 33	1 4	27 16	3 47	4 45	5 19	18 27		n.a.
S 20	7 41	0 37	0s47	4 21	2 52	7 37	3 44	25 5	1 30	20 18	0 59	24 19	0 47	24 12	0 24	19 33	1 4	27 16	3 47	4 45	5 20	18 30		n.a.
S 21	8 3	5s11	1 50	3 44	2 49	7 11	3 31	25 6	1 33	20 16	0 59	24 18	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 46	5 21	18 32		n.a.
M22	8 25	10 47	2 48	3 6	2 44	6 46	3 17	25 6	1 36	20 15	1 0	24 18	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 47	5 23	18 35		n.a.
T 23	8 46	15 57	3 38	2 25	2 40	6 21	3 3	25 6	1 38	20 13	1 0	24 18	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 49	5 24	18 38		n.a.
W24	9 8	20 31	4 19	1 43	2 34	5 56	2 49	25 6	1 41	20 11	1 0	24 18	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 51	5 25	18 41		n.a.
T 25	9 29	24 17	4 49	1 0	2 28	5 33	2 35	25 6	1 43	20 10	1 0	24 17	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 54	5 26	18 43		n.a.
F 26	9 51	27 2	5 6	0 15	2 22	5 10	2 21	25 6	1 46	20 8	1 1	24 17	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 57	5 28	18 46		n.a.
S 27	10 12	28 36	5 10	0n31	2 15	4 48	2 7	25 6	1 49	20 6	1 1	24 17	0 47	24 13	0 24	19 33	1 4	27 16	3 47	4 59	5 29	18 49		n.a.
S 28	10 33	28 48	5 0	1 18	2 7	4 28	1 53	25 6	1 52	20 5	1 1	24 17	0 47	24 13	0 24	19 33	1 4	27 16	3 47	5 0	5 30	18 51		n.a.
M29	10 54	27 35	4 36	2 7	1 59	4 8	1 39	25 5	1 54	20 3	1 1	24 16	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 2	5 31	18 54		n.a.
T 30	11n15	24s57	3s59	2n57	1s51	3n50	1n26	25s 5	1s57	20s 2	1s 2	24n16	0n47	24s13	0s24	19n33	1n 4	27n17	3n47	5s 2	5s33	18s57		n.a.

Julian Day Number = 1346036.5, Delta T = 07h11m30s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'50, Lahiri = -18°08'49 Julian Calendar 1 Apr. 1028 BCE == Greg. Calendar 22 March 1028 BCE

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

MAY 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 56 15	29♈49'27	10♒ 8	13♈23	6°R 1	13♉55	6♒15	9♋17	0°R59	8♌ 8	21♊ 2	17♓28	16♓ 6	10♏ 1	n.a.	W 1
T 2	14 0 12	0♉46'40	23°28	15°14	5♈50	14°26	6°22	9°21	0♉58	8° 8	21° 3	17°29	16° 3	10° 8	n.a.	T 2
F 3	14 4 8	1°43'52	7♓13	17° 8	5°42	14°58	6°28	9°25	0°58	8° 8	21° 4	17°30	16° 0	10°14	n.a.	F 3
S 4	14 8 5	2°41'04	21°26	19° 4	5°37	15°29	6°35	9°29	0°57	8° 8	21° 6	17°R30	15°57	10°21	n.a.	S 4
S 5	14 12 1	3°38'16	6♈ 4	21° 2	5°33	16° 0	6°41	9°34	0°56	8° 8	21° 7	17°29	15°54	10°28	n.a.	S 5
M 6	14 15 58	4°35'27	21° 4	23° 2	5°D32	16°30	6°47	9°38	0°55	8° 8	21° 8	17°26	15°50	10°35	n.a.	M 6
T 7	14 19 55	5°32'37	6♉16	25° 4	5°34	17° 0	6°53	9°43	0°54	8° 9	21° 9	17°20	15°47	10°41	n.a.	T 7
W 8	14 23 51	6°29'47	21°32	27° 8	5°37	17°30	6°58	9°47	0°53	8° 9	21°11	17°14	15°44	10°48	n.a.	W 8
T 9	14 27 48	7°26'57	6♊41	29°14	5°43	18° 0	7° 4	9°52	0°52	8° 9	21°12	17° 6	15°41	10°55	n.a.	T 9
F 10	14 31 44	8°24'06	21°32	1♉21	5°51	18°29	7° 9	9°57	0°51	8° 9	21°13	16°59	15°38	11° 1	n.a.	F 10
S 11	14 35 41	9°21'14	5♋59	3°30	6° 1	18°59	7°14	10° 2	0°50	8°10	21°14	16°54	15°35	11° 8	n.a.	S 11
S 12	14 39 37	10°18'21	19°58	5°39	6°14	19°27	7°19	10° 7	0°48	8°10	21°16	16°50	15°31	11°15	n.a.	S 12
M13	14 43 34	11°15'28	3♌29	7°50	6°28	19°56	7°24	10°12	0°47	8°11	21°17	16°48	15°28	11°21	n.a.	M13
T 14	14 47 30	12°12'34	16°34	10° 1	6°44	20°24	7°29	10°17	0°46	8°11	21°19	16°D48	15°25	11°28	n.a.	T 14
W15	14 51 27	13° 9'40	29°15	12°12	7° 2	20°52	7°33	10°22	0°44	8°12	21°20	16°49	15°22	11°35	n.a.	W15
T 16	14 55 24	14° 6'44	11♍39	14°23	7°22	21°19	7°37	10°27	0°43	8°12	21°21	16°R49	15°19	11°42	n.a.	T 16
F 17	14 59 20	15° 3'49	23°49	16°34	7°43	21°46	7°41	10°33	0°42	8°13	21°23	16°49	15°15	11°48	n.a.	F 17
S 18	15 3 17	16° 0'52	5♎48	18°44	8° 7	22°13	7°45	10°38	0°40	8°13	21°24	16°47	15°12	11°55	n.a.	S 18
S 19	15 7 13	16°57'56	17°42	20°54	8°32	22°39	7°49	10°43	0°39	8°14	21°26	16°43	15° 9	12° 2	n.a.	S 19
M20	15 11 10	17°54'59	29°34	23° 2	8°58	23° 5	7°53	10°49	0°37	8°15	21°27	16°37	15° 6	12° 8	n.a.	M20
T 21	15 15 6	18°52'02	11♏24	25°10	9°26	23°31	7°56	10°54	0°36	8°15	21°28	16°27	15° 3	12°15	n.a.	T 21
W22	15 19 3	19°49'05	23°16	27°16	9°56	23°56	7°59	11° 0	0°34	8°16	21°30	16°17	15° 0	12°22	n.a.	W22
T 23	15 22 59	20°46'08	5♐11	29°20	10°27	24°20	8° 2	11° 6	0°32	8°17	21°31	16° 5	14°56	12°28	n.a.	T 23
F 24	15 26 56	21°43'11	17°11	1♊23	11° 0	24°45	8° 5	11°11	0°31	8°17	21°33	15°53	14°53	12°35	n.a.	F 24
S 25	15 30 53	22°40'15	29°17	3°24	11°33	25° 9	8° 8	11°17	0°29	8°18	21°34	15°43	14°50	12°42	n.a.	S 25
S 26	15 34 49	23°37'18	11♑31	5°24	12° 8	25°32	8°10	11°23	0°27	8°19	21°36	15°34	14°47	12°49	n.a.	S 26
M27	15 38 46	24°34'22	23°55	7°21	12°45	25°55	8°13	11°29	0°26	8°20	21°38	15°28	14°44	12°55	n.a.	M27
T 28	15 42 42	25°31'26	6♒32	9°17	13°22	26°18	8°15	11°35	0°24	8°21	21°39	15°24	14°41	13° 2	n.a.	T 28
W29	15 46 39	26°28'30	19°27	11°11	14° 1	26°40	8°17	11°41	0°22	8°22	21°41	15°23	14°37	13° 9	n.a.	W29
T 30	15 50 35	27°25'35	2♓41	13° 2	14°41	27° 1	8°18	11°47	0°20	8°23	21°42	15°D22	14°34	13°15	n.a.	T 30
F 31	15 54 32	28♉22'40	16♓19	14♊52	15♈21	27♉22	8♒20	11♋53	0♉18	8♌24	21♊44	15°R23	14♓31	13♏22	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
W 1	11n35	21s 0	3s 8	3n48	1s42	3n32	1n13	25s 4	2s 0	20s 0	1s 2	24n16	0n47	24s13	0s24	19n33	1n 4	27n17	3n47	5s 2	5s34	18s59					n.a.
T 2	11 56	15 54	2 6	4 41	1 32	3 16	1 0	25 4	2 3	19 59	1 2	24 16	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 1	5 35	19 2					n.a.
F 3	12 16	9 51	0 55	5 34	1 23	3 1	0 47	25 3	2 6	19 58	1 3	24 15	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 1	5 36	19 5					n.a.
S 4	12 36	3 8	0n21	6 28	1 13	2 48	0 35	25 2	2 9	19 56	1 3	24 15	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 1	5 38	19 7					n.a.
S 5	12 56	3n57	1 39	7 22	1 2	2 35	0 23	25 2	2 12	19 55	1 3	24 15	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 1	5 39	19 10					n.a.
M 6	13 15	10 59	2 51	8 17	0 52	2 24	0 11	25 1	2 15	19 54	1 4	24 14	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 3	5 40	19 13					n.a.
T 7	13 35	17 28	3 52	9 13	0 41	2 14	0s 1	25 0	2 18	19 53	1 4	24 14	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 5	5 41	19 15					n.a.
W 8	13 54	22 53	4 37	10 9	0 30	2 5	0 12	24 59	2 21	19 51	1 4	24 14	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 7	5 43	19 18					n.a.
T 9	14 13	26 43	5 2	11 4	0 19	1 58	0 22	24 58	2 24	19 50	1 4	24 13	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 10	5 44	19 21					n.a.
F 10	14 32	28 38	5 6	12 0	0 8	1 52	0 33	24 57	2 27	19 49	1 5	24 13	0 47	24 13	0 24	19 33	1 4	27 17	3 47	5 13	5 45	19 23					n.a.
S 11	14 50	28 31	4 50	12 55	0n 2	1 47	0 43	24 56	2 31	19 48	1 5	24 13	0 47	24 13	0 24	19 33	1 4	27 18	3 47	5 15	5 46	19 26					n.a.
S 12	15 9	26 33	4 17	13 49	0 13	1 43	0 52	24 55	2 34	19 47	1 5	24 12	0 47	24 13	0 24	19 32	1 4	27 18	3 47	5 17	5 48	19 29					n.a.
M13	15 27	23 6	3 31	14 42	0 23	1 40	1 2	24 54	2 37	19 46	1 6	24 12	0 47	24 13	0 24	19 32	1 4	27 18	3 47	5 17	5 49	19 31					n.a.
T 14	15 45	18 35	2 35	15 35	0 33	1 38	1 11	24 53	2 40	19 45	1 6	24 12	0 47	24 13	0 24	19 32	1 4	27 18	3 47	5 18	5 50	19 34					n.a.
W15	16 2	13 22	1 33	16 25	0 43	1 38	1 19	24 52	2 44	19 44	1 6	24 11	0 47	24 13	0 24	19 32	1 4	27 18	3 47	5 17	5 51	19 36					n.a.
T 16	16 20	7 44	0 28	17 15	0 53	1 38	1 27	24 51	2 47	19 44	1 7	24 11	0 47	24 13	0 24	19 32	1 4	27 18	3 47	5 17	5 53	19 39					n.a.
F 17	16 37	1 56	0s37	18 2	1 1	1 39	1 35	24 50	2 50	19 43	1 7	24 10	0 47	24 13	0 24	19 32	1 4	27 18	3 47	5 17	5 54	19 42					n.a.
S 18	16 54	3s52	1 40	18 47	1 10	1 42	1 43	24 49	2 54	19 42	1 7	24 10	0 47	24 13	0 24	19 31	1 4	27 18	3 47	5 18	5 55	19 44					n.a.
S 19	17 10	9 28	2 37	19 31	1 17	1 45	1 50	24 48	2 57	19 41	1 7	24 10	0 47	24 13	0 24	19 31	1 4	27 18	3 47	5 19	5 56	19 47					n.a.
M20	17 26	14 43	3 27	20 11	1 25	1 49	1 57	24 47	3 1	19 41	1 8	24 9	0 47	24 13	0 24	19 31	1 4	27 18	3 47	5 22	5 58	19 49					n.a.
T 21	17 43	19 25	4 8	20 50	1 31	1 55	2 4	24 46	3 4	19 40	1 8	24 9	0 47	24 13	0 24	19 31	1 4	27 19	3 47	5 26	5 59	19 52					n.a.
W22	17 58	23 22	4 39	21 26	1 37	2 1	2 10	24 45	3 8	19 40	1 8	24 8	0 47	24 13	0 24	19 31	1 4	27 19	3 47	5 30	6 0	19 55					n.a.
T 23	18 14	26 22	4 57	21 59	1 42	2 8	2 16	24 44	3 11	19 39	1 9	24 8	0 47	24 14	0 24	19 30	1 4	27 19	3 47	5 34	6 1	19 57					n.a.
F 24	18 29	28 12	5 2	22 30	1 47	2 15	2 21	24 43	3 15	19 39	1 9	24 7	0 47	24 14	0 24	19 30	1 4	27 19	3 47	5 39	6 3	20 0					n.a.
S 25	18 44	28 43	4 54	22 58	1 50	2 24	2 27	24 42	3 19	19 38	1 9	24 7	0 47	24 14	0 24	19 30	1 4	27 19	3 47	5 43	6 4	20 2					n.a.
S 26	18 58	27 50	4 32	23 24	1 53	2 33	2 32	24 41	3 22	19 38	1 10	24 6	0 47	24 14	0 24	19 30	1 4	27 19	3 47	5 47	6 5	20 5					n.a.
M27	19 13	25 34	3 58	23 47	1 56	2 43	2 37	24 40	3 26	19 38	1 10	24 6	0 47	24 14	0 24	19 29	1 4	27 19	3 47	5 49	6 6	20 7					n.a.
T 28	19 27	22 0	3 11	24 8	1 58	2 54	2 41	24 40	3 30	19 37	1 10	24 5	0 47	24 14	0 24	19 29	1 4	27 19	3 47	5 51	6 8	20 10					n.a.
W29	19 40	17 19	2 13	24 26	1 59	3 5	2 45	24 39	3 34	19 37	1 11	24 5	0 47	24 14	0 25	19 29	1 4	27 20	3 47	5 51	6 9	20 12					n.a.
T 30	19 54	11 43	1 7	24 42	1 59	3 17	2 49	24 38	3 38	19 37	1 11	24 4	0 47	24 14	0 25	19 29	1 3	27 20	3 47	5 51	6 10	20 15					n.a.
F 31	20n 7	5s25	0n 5	24n55	1n59	3n29	2s53	24s38	3s41	19s37	1s11	24n 4	0n47	24s14	0s25	19n28	1n 3	27n20	3n47	5s51	6s11	20s17					n.a.

Julian Day Number = 1346066.5, Delta T = 07h11m29s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'46, Lahiri = -18°08'45 Julian Calendar 1 May 1028 BCE == Greg. Calendar 21 Apr. 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

JUNE 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 29	29♉19'46	0♈21	16♊40	16♈ 3	27♑43	8♒21	12♋ 0	0°R16	8♌25	21♊45	15°R22	14♓28	13♏29	n.a.	S 1
S 2	16 2 25	0♊16'53	14°49	18°26	16°46	28° 3	8°22	12° 6	0♑14	8°26	21°47	15♓19	14°25	13°35	n.a.	S 2
M 3	16 6 22	1°14'00	29°39	20° 9	17°30	28°22	8°23	12°12	0°12	8°27	21°49	15°14	14°21	13°42	n.a.	M 3
T 4	16 10 18	2°11'07	14♉46	21°51	18°14	28°41	8°24	12°18	0°10	8°28	21°50	15° 7	14°18	13°49	n.a.	T 4
W 5	16 14 15	3° 8'15	29°59	23°31	19° 0	28°59	8°25	12°25	0° 8	8°29	21°52	14°57	14°15	13°56	n.a.	W 5
T 6	16 18 11	4° 5'24	15♊10	25° 9	19°46	29°17	8°25	12°31	0° 6	8°30	21°53	14°46	14°12	14° 2	n.a.	T 6
F 7	16 22 8	5° 2'33	0♋ 6	26°45	20°33	29°34	8°R25	12°38	0° 4	8°31	21°55	14°36	14° 9	14° 9	n.a.	F 7
S 8	16 26 5	5°59'43	14°40	28°19	21°21	29°50	8°25	12°44	0° 2	8°33	21°57	14°27	14° 6	14°16	n.a.	S 8
S 9	16 30 1	6°56'53	28°46	29°51	22°10	0♒ 6	8°25	12°51	29♐59	8°34	21°58	14°21	14° 2	14°22	n.a.	S 9
M10	16 33 58	7°54'03	12♌22	1♋21	22°59	0°21	8°25	12°58	29°58	8°35	22° 0	14°17	13°59	14°29	n.a.	M10
T 11	16 37 54	8°51'13	25°30	2°49	23°49	0°36	8°24	13° 4	29°56	8°36	22° 2	14°15	13°56	14°36	n.a.	T 11
W12	16 41 51	9°48'23	8♍13	4°14	24°40	0°49	8°23	13°11	29°53	8°38	22° 3	14°15	13°53	14°43	n.a.	W12
T 13	16 45 47	10°45'34	20°35	5°38	25°31	1° 3	8°22	13°18	29°51	8°39	22° 5	14°14	13°50	14°49	n.a.	T 13
F 14	16 49 44	11°42'46	2♎43	7° 0	26°23	1°15	8°21	13°25	29°49	8°41	22° 7	14°14	13°47	14°56	n.a.	F 14
S 15	16 53 40	12°39'58	14°40	8°19	27°15	1°27	8°20	13°31	29°47	8°42	22° 8	14°11	13°43	15° 3	n.a.	S 15
S 16	16 57 37	13°37'10	26°31	9°36	28° 8	1°38	8°18	13°38	29°44	8°43	22°10	14° 6	13°40	15° 9	n.a.	S 16
M17	17 1 34	14°34'23	8♏21	10°51	29° 2	1°49	8°16	13°45	29°42	8°45	22°12	13°58	13°37	15°16	n.a.	M17
T 18	17 5 30	15°31'37	20°13	12° 4	29°56	1°58	8°14	13°52	29°40	8°46	22°13	13°48	13°34	15°23	n.a.	T 18
W19	17 9 27	16°28'51	2♐ 9	13°14	0♑51	2° 7	8°12	13°59	29°38	8°48	22°15	13°35	13°31	15°29	n.a.	W19
T 20	17 13 23	17°26'07	14°10	14°22	1°46	2°15	8°10	14° 6	29°35	8°49	22°17	13°22	13°27	15°36	n.a.	T 20
F 21	17 17 20	18°23'23	26°19	15°27	2°42	2°23	8° 7	14°13	29°33	8°51	22°19	13° 8	13°24	15°43	n.a.	F 21
S 22	17 21 16	19°20'40	8♑36	16°29	3°38	2°30	8° 5	14°20	29°31	8°52	22°20	12°56	13°21	15°50	n.a.	S 22
S 23	17 25 13	20°17'59	21° 1	17°29	4°35	2°35	8° 2	14°27	29°28	8°54	22°22	12°46	13°18	15°56	n.a.	S 23
M24	17 29 10	21°15'18	3♒36	18°26	5°32	2°41	7°59	14°35	29°26	8°56	22°24	12°38	13°15	16° 3	n.a.	M24
T 25	17 33 6	22°12'39	16°23	19°20	6°30	2°45	7°55	14°42	29°24	8°57	22°25	12°34	13°12	16°10	n.a.	T 25
W26	17 37 3	23°10'01	29°24	20°10	7°28	2°48	7°52	14°49	29°21	8°59	22°27	12°32	13° 8	16°16	n.a.	W26
T 27	17 40 59	24° 7'24	12♓40	20°58	8°26	2°51	7°48	14°56	29°19	9° 1	22°29	12°D31	13° 5	16°23	n.a.	T 27
F 28	17 44 56	25° 4'49	26°15	21°42	9°25	2°53	7°44	15° 3	29°16	9° 2	22°30	12°R31	13° 2	16°30	n.a.	F 28
S 29	17 48 52	26° 2'15	10♈ 9	22°22	10°25	2°54	7°40	15°11	29°14	9° 4	22°32	12°31	12°59	16°37	n.a.	S 29
S 30	17 52 49	26♊59'43	24♈24	22♋59	11♉24	2°R54	7♒36	15♋18	29♐12	9♌ 6	22♊34	12♓28	12♓56	16♏43	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n20	1n20	1n19	25n 6	1n58	3n42	2s56	24s38	3s45	19s37	1s12	24n 3	0n47	24s14	0s25	19n28	1n 3	27n20	3n47	5s51	6s13	20s20		n.a.
S 2	20 32	8 13	2 29	25 14	1 56	3 56	3 0	24 37	3 49	19 37	1 12	24 3	0 47	24 14	0 25	19 28	1 3	27 20	3 47	5 52	6 14	20 23		n.a.
M 3	20 44	14 49	3 31	25 21	1 54	4 10	3 3	24 37	3 53	19 37	1 12	24 2	0 47	24 14	0 25	19 27	1 3	27 20	3 47	5 54	6 15	20 25		n.a.
T 4	20 56	20 39	4 20	25 25	1 52	4 25	3 5	24 37	3 57	19 37	1 13	24 2	0 47	24 14	0 25	19 27	1 3	27 20	3 47	5 57	6 16	20 28		n.a.
W 5	21 7	25 12	4 51	25 28	1 48	4 40	3 8	24 37	4 1	19 37	1 13	24 1	0 47	24 14	0 25	19 27	1 3	27 21	3 47	6 1	6 18	20 30		n.a.
T 6	21 18	27 58	5 1	25 28	1 45	4 55	3 10	24 37	4 5	19 38	1 13	24 0	0 47	24 14	0 25	19 27	1 3	27 21	3 47	6 5	6 19	20 33		n.a.
F 7	21 29	28 39	4 50	25 27	1 40	5 11	3 12	24 37	4 9	19 38	1 14	24 0	0 48	24 14	0 25	19 26	1 3	27 21	3 47	6 9	6 20	20 35		n.a.
S 8	21 39	27 19	4 20	25 24	1 35	5 27	3 14	24 38	4 13	19 38	1 14	23 59	0 48	24 14	0 25	19 26	1 3	27 21	3 47	6 13	6 21	20 38		n.a.
S 9	21 49	24 15	3 36	25 19	1 30	5 44	3 16	24 38	4 17	19 38	1 14	23 59	0 48	24 14	0 25	19 25	1 3	27 21	3 47	6 15	6 23	20 40		n.a.
M10	21 58	19 55	2 40	25 13	1 24	6 1	3 18	24 39	4 21	19 39	1 15	23 58	0 48	24 14	0 25	19 25	1 3	27 21	3 47	6 17	6 24	20 42		n.a.
T 11	22 8	14 45	1 37	25 5	1 18	6 19	3 19	24 39	4 26	19 39	1 15	23 57	0 48	24 14	0 25	19 25	1 3	27 21	3 47	6 18	6 25	20 45		n.a.
W12	22 16	9 7	0 32	24 56	1 11	6 36	3 20	24 40	4 30	19 40	1 15	23 57	0 48	24 14	0 25	19 24	1 3	27 22	3 47	6 18	6 26	20 47		n.a.
T 13	22 25	3 16	0s34	24 46	1 4	6 54	3 21	24 41	4 34	19 41	1 16	23 56	0 48	24 14	0 25	19 24	1 3	27 22	3 47	6 18	6 28	20 50		n.a.
F 14	22 33	2s34	1 36	24 34	0 56	7 13	3 22	24 43	4 38	19 41	1 16	23 55	0 48	24 14	0 25	19 24	1 3	27 22	3 47	6 18	6 29	20 52		n.a.
S 15	22 41	8 13	2 33	24 21	0 48	7 31	3 22	24 44	4 42	19 42	1 16	23 55	0 48	24 14	0 25	19 23	1 3	27 22	3 47	6 19	6 30	20 55		n.a.
S 16	22 48	13 32	3 23	24 7	0 39	7 50	3 23	24 45	4 46	19 43	1 17	23 54	0 48	24 14	0 25	19 23	1 3	27 22	3 48	6 21	6 31	20 57		n.a.
M17	22 55	18 22	4 4	23 52	0 30	8 9	3 23	24 47	4 51	19 43	1 17	23 53	0 48	24 14	0 25	19 22	1 3	27 22	3 48	6 24	6 32	21 0		n.a.
T 18	23 1	22 29	4 35	23 37	0 21	8 28	3 23	24 49	4 55	19 44	1 17	23 53	0 48	24 14	0 25	19 22	1 3	27 22	3 48	6 28	6 34	21 2		n.a.
W19	23 7	25 43	4 54	23 20	0 11	8 47	3 23	24 51	4 59	19 45	1 18	23 52	0 48	24 14	0 25	19 22	1 3	27 23	3 48	6 33	6 35	21 5		n.a.
T 20	23 13	27 49	4 59	23 3	0 1	9 7	3 23	24 53	5 3	19 46	1 18	23 51	0 48	24 14	0 25	19 21	1 3	27 23	3 48	6 38	6 36	21 7		n.a.
F 21	23 18	28 38	4 52	22 46	0s 9	9 26	3 22	24 55	5 7	19 47	1 18	23 51	0 48	24 14	0 25	19 21	1 3	27 23	3 48	6 44	6 37	21 9		n.a.
S 22	23 23	28 2	4 31	22 28	0 20	9 46	3 22	24 58	5 11	19 48	1 19	23 50	0 48	24 14	0 25	19 20	1 3	27 23	3 48	6 48	6 39	21 12		n.a.
S 23	23 28	26 2	3 56	22 9	0 31	10 6	3 21	25 0	5 16	19 49	1 19	23 49	0 48	24 14	0 25	19 20	1 3	27 23	3 48	6 52	6 40	21 14		n.a.
M24	23 32	22 44	3 10	21 50	0 42	10 26	3 21	25 3	5 20	19 50	1 19	23 48	0 48	24 14	0 25	19 19	1 3	27 23	3 48	6 55	6 41	21 17		n.a.
T 25	23 35	18 17	2 13	21 31	0 53	10 46	3 20	25 6	5 24	19 51	1 19	23 48	0 48	24 14	0 25	19 19	1 3	27 24	3 48	6 57	6 42	21 19		n.a.
W26	23 38	12 56	1 9	21 12	1 5	11 6	3 19	25 9	5 28	19 53	1 20	23 47	0 48	24 14	0 25	19 18	1 3	27 24	3 48	6 58	6 44	21 21		n.a.
T 27	23 41	6 54	0n 1	20 53	1 17	11 26	3 17	25 12	5 32	19 54	1 20	23 46	0 48	24 14	0 25	19 18	1 3	27 24	3 48	6 58	6 45	21 24		n.a.
F 28	23 44	0 25	1 12	20 34	1 29	11 46	3 16	25 16	5 36	19 55	1 20	23 45	0 48	24 14	0 25	19 18	1 3	27 24	3 48	6 58	6 46	21 26		n.a.
S 29	23 46	6n14	2 21	20 16	1 41	12 6	3 15	25 19	5 40	19 56	1 21	23 45	0 49	24 14	0 25	19 17	1 3	27 24	3 48	6 58	6 47	21 29		n.a.
S 30	23n47	12n44	3n22	19n57	1s54	12n26	3s13	25s23	5s44	19s58	1s21	23n44	0n49	24s14	0s25	19n17	1n 3	27n25	3n48	6s59	6s49	21s31		n.a.

Julian Day Number = 1346097.5, Delta T = 07h11m27s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'42, Lahiri = -18°08'41 Julian Calendar 1 June 1028 BCE == Greg. Calendar 22 May 1028 BCE

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

JULY 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 56 45	27♊57'12	8♉58	23♋31	12♉24	2°R54	7°R32	15♋25	29°R 9	9♌ 8	22♊36	12°R24	12♓53	16♏50	n.a.	M 1
T 2	18 0 42	28°54'43	23°47	23°59	13°24	2♒52	7♒27	15°33	29♐ 7	9° 9	22°37	12♓16	12°49	16°57	n.a.	T 2
W 3	18 4 39	29°52'15	8♊44	24°23	14°25	2°50	7°23	15°40	29° 4	9°11	22°39	12° 7	12°46	17° 3	n.a.	W 3
T 4	18 8 35	0♋49'49	23°41	24°43	15°26	2°47	7°18	15°47	29° 2	9°13	22°41	11°57	12°43	17°10	n.a.	T 4
F 5	18 12 32	1°47'24	8♋27	24°57	16°27	2°43	7°13	15°55	29° 0	9°15	22°42	11°47	12°40	17°17	n.a.	F 5
S 6	18 16 28	2°45'01	22°56	25° 7	17°29	2°38	7° 8	16° 2	28°57	9°17	22°44	11°38	12°37	17°24	n.a.	S 6
S 7	18 20 25	3°42'38	7♌ 0	25°R11	18°31	2°32	7° 2	16°10	28°55	9°19	22°46	11°31	12°33	17°30	n.a.	S 7
M 8	18 24 21	4°40'17	20°38	25°10	19°33	2°26	6°57	16°17	28°52	9°20	22°47	11°27	12°30	17°37	n.a.	M 8
T 9	18 28 18	5°37'57	3♍48	25° 4	20°36	2°19	6°51	16°25	28°50	9°22	22°49	11°25	12°27	17°44	n.a.	T 9
W10	18 32 14	6°35'39	16°34	24°52	21°39	2°11	6°45	16°32	28°48	9°24	22°51	11°D25	12°24	17°50	n.a.	W10
T 11	18 36 11	7°33'21	28°59	24°34	22°42	2° 2	6°39	16°40	28°45	9°26	22°52	11°26	12°21	17°57	n.a.	T 11
F 12	18 40 8	8°31'05	11♎ 7	24°10	23°45	1°53	6°33	16°47	28°43	9°28	22°54	11°R26	12°18	18° 4	n.a.	F 12
S 13	18 44 4	9°28'50	23° 5	23°42	24°49	1°43	6°27	16°55	28°41	9°30	22°56	11°25	12°14	18°11	n.a.	S 13
S 14	18 48 1	10°26'36	4♏58	23° 7	25°52	1°32	6°21	17° 2	28°38	9°32	22°57	11°22	12°11	18°17	n.a.	S 14
M15	18 51 57	11°24'24	16°49	22°28	26°56	1°21	6°14	17°10	28°36	9°34	22°59	11°17	12° 8	18°24	n.a.	M15
T 16	18 55 54	12°22'13	28°43	21°45	28° 1	1° 9	6° 8	17°17	28°34	9°36	23° 1	11° 9	12° 5	18°31	n.a.	T 16
W17	18 59 50	13°20'04	10♐43	20°57	29° 5	0°56	6° 1	17°25	28°31	9°38	23° 2	11° 0	12° 2	18°37	n.a.	W17
T 18	19 3 47	14°17'56	22°53	20° 6	0♊10	0°43	5°54	17°32	28°29	9°40	23° 4	10°49	11°59	18°44	n.a.	T 18
F 19	19 7 43	15°15'50	5♑12	19°13	1°15	0°30	5°47	17°40	28°27	9°42	23° 6	10°39	11°55	18°51	n.a.	F 19
S 20	19 11 40	16°13'46	17°43	18°19	2°20	0°15	5°40	17°48	28°25	9°44	23° 7	10°30	11°52	18°58	n.a.	S 20
S 21	19 15 37	17°11'43	0♒25	17°24	3°26	0° 1	5°33	17°55	28°22	9°46	23° 9	10°22	11°49	19° 4	n.a.	S 21
M22	19 19 33	18° 9'42	13°18	16°30	4°32	29♑46	5°26	18° 3	28°20	9°49	23°10	10°17	11°46	19°11	n.a.	M22
T 23	19 23 30	19° 7'43	26°23	15°38	5°38	29°31	5°19	18°10	28°18	9°51	23°12	10°14	11°43	19°18	n.a.	T 23
W24	19 27 26	20° 5'45	9♓39	14°49	6°44	29°15	5°11	18°18	28°16	9°53	23°13	10°D13	11°39	19°24	n.a.	W24
T 25	19 31 23	21° 3'50	23° 8	14° 4	7°50	28°59	5° 4	18°25	28°14	9°55	23°15	10°13	11°36	19°31	n.a.	T 25
F 26	19 35 19	22° 1'57	6♈49	13°25	8°57	28°42	4°56	18°33	28°11	9°57	23°17	10°14	11°33	19°38	n.a.	F 26
S 27	19 39 16	23° 0'06	20°44	12°52	10° 3	28°26	4°49	18°40	28° 9	9°59	23°18	10°R15	11°30	19°45	n.a.	S 27
S 28	19 43 12	23°58'17	4♉51	12°25	11°10	28° 9	4°41	18°48	28° 7	10° 1	23°20	10°15	11°27	19°51	n.a.	S 28
M29	19 47 9	24°56'31	19°10	12° 7	12°17	27°53	4°33	18°56	28° 5	10° 4	23°21	10°12	11°24	19°58	n.a.	M29
T 30	19 51 6	25°54'47	3♊38	11°57	13°25	27°36	4°26	19° 3	28° 3	10° 6	23°23	10° 8	11°20	20° 5	n.a.	T 30
W31	19 55 2	26♋53'05	18♊11	11°D55	14♊32	27♑19	4♒18	19♋11	28♐ 1	10♌ 8	23♊24	10♓ 3	11♓17	20♏11	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n48	18n41	4n12	19n40	2s 6	12n46	3s12	25s27	5s48	19s59	1s21	23n43	0n49	24s14	0s25	19n16	1n 3	27n25	3n49	7s 1	6s50	21s33			n.a.
T 2	23 49	23 38	4 46	19 22	2 19	13 6	3 10	25 31	5 51	20 1	1 22	23 42	0 49	24 14	0 25	19 16	1 3	27 25	3 49	7 4	6 51	21 36			n.a.
W 3	23 49	27 4	5 1	19 6	2 31	13 26	3 8	25 35	5 55	20 2	1 22	23 41	0 49	24 14	0 25	19 15	1 3	27 25	3 49	7 7	6 52	21 38			n.a.
T 4	23 49	28 35	4 55	18 50	2 44	13 46	3 6	25 40	5 59	20 4	1 22	23 41	0 49	24 14	0 25	19 15	1 3	27 25	3 49	7 11	6 53	21 40			n.a.
F 5	23 48	28 2	4 30	18 36	2 56	14 5	3 4	25 44	6 2	20 5	1 22	23 40	0 49	24 14	0 25	19 14	1 3	27 25	3 49	7 15	6 55	21 43			n.a.
S 6	23 47	25 34	3 47	18 22	3 8	14 25	3 2	25 49	6 6	20 7	1 23	23 39	0 49	24 14	0 25	19 14	1 3	27 26	3 49	7 19	6 56	21 45			n.a.
S 7	23 46	21 35	2 52	18 10	3 20	14 44	2 59	25 53	6 9	20 9	1 23	23 38	0 49	24 14	0 25	19 13	1 3	27 26	3 49	7 21	6 57	21 47			n.a.
M 8	23 44	16 33	1 48	17 59	3 31	15 4	2 57	25 58	6 13	20 10	1 23	23 37	0 49	24 14	0 25	19 13	1 3	27 26	3 49	7 23	6 58	21 50			n.a.
T 9	23 42	10 54	0 40	17 49	3 42	15 23	2 55	26 3	6 16	20 12	1 24	23 36	0 49	24 14	0 25	19 12	1 3	27 26	3 49	7 24	7 0	21 52			n.a.
W10	23 39	4 58	0s27	17 42	3 52	15 42	2 52	26 8	6 19	20 14	1 24	23 36	0 49	24 14	0 25	19 11	1 3	27 26	3 49	7 24	7 1	21 54			n.a.
T 11	23 36	1s 0	1 32	17 36	4 1	16 0	2 50	26 13	6 22	20 16	1 24	23 35	0 49	24 14	0 25	19 11	1 3	27 27	3 49	7 23	7 2	21 57			n.a.
F 12	23 32	6 47	2 31	17 32	4 9	16 19	2 47	26 18	6 25	20 17	1 24	23 34	0 49	24 14	0 25	19 10	1 3	27 27	3 49	7 23	7 3	21 59			n.a.
S 13	23 28	12 15	3 23	17 29	4 17	16 37	2 44	26 23	6 28	20 19	1 25	23 33	0 49	24 14	0 25	19 10	1 3	27 27	3 50	7 24	7 5	22 1			n.a.
S 14	23 24	17 13	4 6	17 29	4 23	16 55	2 41	26 28	6 30	20 21	1 25	23 32	0 49	24 14	0 25	19 9	1 3	27 27	3 50	7 25	7 6	22 3			n.a.
M15	23 19	21 33	4 37	17 31	4 27	17 13	2 38	26 33	6 33	20 23	1 25	23 31	0 50	24 14	0 25	19 9	1 3	27 27	3 50	7 27	7 7	22 6			n.a.
T 16	23 14	25 1	4 57	17 35	4 30	17 31	2 35	26 38	6 35	20 25	1 25	23 30	0 50	24 14	0 25	19 8	1 3	27 27	3 50	7 30	7 8	22 8			n.a.
W17	23 8	27 25	5 4	17 41	4 32	17 48	2 32	26 43	6 37	20 27	1 26	23 29	0 50	24 14	0 25	19 8	1 3	27 28	3 50	7 33	7 9	22 10			n.a.
T 18	23 2	28 35	4 58	17 49	4 31	18 5	2 29	26 48	6 39	20 29	1 26	23 28	0 50	24 14	0 25	19 7	1 3	27 28	3 50	7 37	7 11	22 12			n.a.
F 19	22 56	28 20	4 37	17 59	4 29	18 21	2 26	26 52	6 41	20 31	1 26	23 27	0 50	24 14	0 25	19 7	1 3	27 28	3 50	7 41	7 12	22 15			n.a.
S 20	22 49	26 39	4 3	18 10	4 25	18 38	2 23	26 57	6 42	20 33	1 26	23 26	0 50	24 14	0 25	19 6	1 3	27 28	3 50	7 45	7 13	22 17			n.a.
S 21	22 42	23 35	3 17	18 24	4 19	18 53	2 20	27 2	6 44	20 35	1 26	23 25	0 50	24 14	0 25	19 5	1 3	27 28	3 50	7 48	7 14	22 19			n.a.
M22	22 34	19 19	2 19	18 38	4 10	19 9	2 16	27 7	6 45	20 37	1 27	23 25	0 50	24 14	0 25	19 5	1 3	27 29	3 51	7 50	7 16	22 21			n.a.
T 23	22 26	14 4	1 14	18 54	4 1	19 24	2 13	27 11	6 46	20 39	1 27	23 24	0 50	24 14	0 25	19 4	1 3	27 29	3 51	7 51	7 17	22 24			n.a.
W24	22 17	8 7	0 3	19 11	3 49	19 39	2 9	27 15	6 47	20 41	1 27	23 23	0 50	24 14	0 25	19 4	1 3	27 29	3 51	7 52	7 18	22 26			n.a.
T 25	22 8	1 43	1n 9	19 29	3 36	19 53	2 6	27 20	6 48	20 43	1 27	23 22	0 50	24 14	0 25	19 3	1 3	27 29	3 51	7 51	7 19	22 28			n.a.
F 26	21 59	4n52	2 18	19 48	3 21	20 7	2 3	27 24	6 48	20 45	1 27	23 21	0 50	24 14	0 25	19 2	1 3	27 29	3 51	7 51	7 21	22 30			n.a.
S 27	21 49	11 18	3 21	20 7	3 5	20 21	1 59	27 28	6 49	20 47	1 28	23 20	0 51	24 13	0 25	19 2	1 3	27 30	3 51	7 51	7 22	22 33			n.a.
S 28	21 39	17 17	4 12	20 26	2 49	20 34	1 55	27 31	6 49	20 49	1 28	23 19	0 51	24 13	0 25	19 1	1 3	27 30	3 51	7 51	7 23	22 35			n.a.
M29	21 29	22 24	4 48	20 45	2 31	20 47	1 52	27 35	6 49	20 51	1 28	23 18	0 51	24 13	0 25	19 1	1 3	27 30	3 51	7 52	7 24	22 37			n.a.
T 30	21 18	26 13	5 7	21 4	2 13	20 59	1 48	27 38	6 48	20 53	1 28	23 17	0 51	24 13	0 25	19 0	1 3	27 30	3 51	7 53	7 25	22 39			n.a.
W31	21n 7	28n21	5n 5	21n22	1s55	21n11	1s44	27s41	6s48	20s55	1s28	23n16	0n51	24s13	0s25	19n 0	1n 3	27n30	3n52	7s55	7s27	22s41			n.a.

Julian Day Number = 1346127.5, Delta T = 07h11m26s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'37, Lahiri = -18°08'37 Julian Calendar 1 July 1028 BCE == Greg. Calendar 21 June 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

AUGUST 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 58 59	27♋51'25	2♋42	12♋ 2	15♊40	27°R 2	4°R10	19♋18	27°R59	10♌10	23♊26	9°R56	11♓14	20♏18	n.a.	T 1
F 2	20 2 55	28°49'47	17° 6	12°18	16°48	26♉45	4♒ 2	19°26	27♐57	10°12	23°27	9♓50	11°11	20°25	n.a.	F 2
S 3	20 6 52	29°48'12	1♌17	12°42	17°56	26°29	3°54	19°33	27°55	10°14	23°28	9°44	11° 8	20°32	n.a.	S 3
S 4	20 10 48	0♌46'38	15° 8	13°16	19° 4	26°12	3°46	19°41	27°53	10°17	23°30	9°40	11° 5	20°38	n.a.	S 4
M 5	20 14 45	1°45'06	28°38	13°58	20°12	25°56	3°38	19°48	27°52	10°19	23°31	9°38	11° 1	20°45	n.a.	M 5
T 6	20 18 41	2°43'36	11♍45	14°47	21°21	25°40	3°30	19°56	27°50	10°21	23°33	9°D37	10°58	20°52	n.a.	T 6
W 7	20 22 38	3°42'08	24°30	15°45	22°29	25°24	3°22	20° 3	27°48	10°23	23°34	9°38	10°55	20°58	n.a.	W 7
T 8	20 26 35	4°40'41	6♎56	16°50	23°38	25° 9	3°14	20°10	27°46	10°26	23°35	9°39	10°52	21° 5	n.a.	T 8
F 9	20 30 31	5°39'17	19° 7	18° 1	24°47	24°54	3° 6	20°18	27°44	10°28	23°37	9°41	10°49	21°12	n.a.	F 9
S 10	20 34 28	6°37'54	1♏ 7	19°19	25°56	24°40	2°58	20°25	27°43	10°30	23°38	9°R42	10°45	21°19	n.a.	S 10
S 11	20 38 24	7°36'33	13° 0	20°42	27° 5	24°26	2°50	20°33	27°41	10°32	23°39	9°42	10°42	21°25	n.a.	S 11
M12	20 42 21	8°35'14	24°53	22°10	28°14	24°13	2°42	20°40	27°39	10°34	23°41	9°41	10°39	21°32	n.a.	M12
T 13	20 46 17	9°33'57	6♐49	23°43	29°24	24° 0	2°35	20°47	27°38	10°37	23°42	9°38	10°36	21°39	n.a.	T 13
W14	20 50 14	10°32'41	18°52	25°19	0♋34	23°48	2°27	20°54	27°36	10°39	23°43	9°34	10°33	21°45	n.a.	W14
T 15	20 54 10	11°31'28	1♑ 7	26°58	1°43	23°36	2°19	21° 2	27°35	10°41	23°44	9°30	10°30	21°52	n.a.	T 15
F 16	20 58 7	12°30'17	13°35	28°40	2°53	23°25	2°11	21° 9	27°33	10°43	23°46	9°25	10°26	21°59	n.a.	F 16
S 17	21 2 3	13°29'07	26°19	0♌24	4° 3	23°15	2° 3	21°16	27°32	10°46	23°47	9°21	10°23	22° 6	n.a.	S 17
S 18	21 6 0	14°28'00	9♒18	2°10	5°13	23° 5	1°56	21°23	27°30	10°48	23°48	9°18	10°20	22°12	n.a.	S 18
M19	21 9 57	15°26'55	22°33	3°57	6°24	22°56	1°48	21°31	27°29	10°50	23°49	9°16	10°17	22°19	n.a.	M19
T 20	21 13 53	16°25'52	6♓ 1	5°45	7°34	22°48	1°41	21°38	27°28	10°52	23°50	9°D15	10°14	22°26	n.a.	T 20
W21	21 17 50	17°24'51	19°43	7°34	8°45	22°41	1°33	21°45	27°26	10°54	23°51	9°15	10°11	22°32	n.a.	W21
T 22	21 21 46	18°23'52	3♈34	9°23	9°55	22°34	1°26	21°52	27°25	10°57	23°53	9°16	10° 7	22°39	n.a.	T 22
F 23	21 25 43	19°22'56	17°34	11°13	11° 6	22°28	1°19	21°59	27°24	10°59	23°54	9°17	10° 4	22°46	n.a.	F 23
S 24	21 29 39	20°22'02	1♉40	13° 2	12°17	22°23	1°12	22° 6	27°23	11° 1	23°55	9°19	10° 1	22°53	n.a.	S 24
S 25	21 33 36	21°21'11	15°50	14°51	13°28	22°18	1° 5	22°13	27°22	11° 3	23°56	9°R19	9°58	22°59	n.a.	S 25
M26	21 37 32	22°20'22	0♊ 3	16°40	14°39	22°15	0°58	22°20	27°21	11° 6	23°57	9°19	9°55	23° 6	n.a.	M26
T 27	21 41 29	23°19'36	14°15	18°29	15°51	22°12	0°51	22°27	27°20	11° 8	23°58	9°18	9°51	23°13	n.a.	T 27
W28	21 45 26	24°18'52	28°25	20°17	17° 2	22°10	0°44	22°33	27°19	11°10	23°59	9°17	9°48	23°19	n.a.	W28
T 29	21 49 22	25°18'11	12♋29	22° 4	18°14	22° 8	0°38	22°40	27°18	11°12	24° 0	9°15	9°45	23°26	n.a.	T 29
F 30	21 53 19	26°17'32	26°24	23°51	19°25	22°D 8	0°31	22°47	27°17	11°14	24° 1	9°13	9°42	23°33	n.a.	F 30
S 31	21 57 15	27♌16'56	10♌ 8	25♌37	20♋37	22♑ 8	0♒25	22♋54	27♐16	11♌16	24♊ 2	9♓12	9♓39	23♏40	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n55	28n32	4n45	21n39	1s37	21n22	1s41	27s44	6s47	20s57	1s28	23n15	0n51	24s13	0s25	18n59	1n 3	27n31	3n52	7s58	7s28	22s44			n.a.
F 2	20 43	26 46	4 6	21 56	1 19	21 33	1 37	27 46	6 46	20 59	1 28	23 14	0 51	24 13	0 25	18 58	1 3	27 31	3 52	8 0	7 29	22 46			n.a.
S 3	20 31	23 19	3 13	22 11	1 1	21 43	1 33	27 49	6 45	21 1	1 29	23 13	0 51	24 13	0 25	18 58	1 3	27 31	3 52	8 3	7 30	22 48			n.a.
S 4	20 18	18 36	2 9	22 25	0 44	21 52	1 30	27 51	6 44	21 3	1 29	23 12	0 51	24 13	0 25	18 57	1 3	27 31	3 52	8 4	7 32	22 50			n.a.
M 5	20 5	13 4	0 59	22 37	0 27	22 2	1 26	27 53	6 42	21 5	1 29	23 11	0 51	24 13	0 25	18 57	1 3	27 31	3 52	8 5	7 33	22 52			n.a.
T 6	19 52	7 5	0s12	22 48	0 11	22 10	1 22	27 54	6 41	21 7	1 29	23 10	0 51	24 13	0 25	18 56	1 3	27 32	3 52	8 5	7 34	22 54			n.a.
W 7	19 38	1 0	1 20	22 56	0n 4	22 18	1 18	27 55	6 39	21 9	1 29	23 9	0 52	24 13	0 25	18 55	1 3	27 32	3 53	8 5	7 35	22 56			n.a.
T 8	19 24	4s59	2 23	23 2	0 18	22 26	1 14	27 56	6 37	21 11	1 29	23 8	0 52	24 13	0 25	18 55	1 3	27 32	3 53	8 4	7 36	22 59			n.a.
F 9	19 9	10 39	3 19	23 6	0 31	22 32	1 11	27 57	6 35	21 13	1 29	23 7	0 52	24 13	0 25	18 54	1 3	27 32	3 53	8 4	7 38	23 1			n.a.
S 10	18 55	15 51	4 5	23 7	0 43	22 39	1 7	27 58	6 32	21 15	1 29	23 6	0 52	24 13	0 25	18 53	1 3	27 32	3 53	8 3	7 39	23 3			n.a.
S 11	18 40	20 25	4 39	23 6	0 54	22 44	1 3	27 58	6 30	21 17	1 29	23 5	0 52	24 13	0 25	18 53	1 3	27 33	3 53	8 3	7 40	23 5			n.a.
M12	18 24	24 10	5 2	23 2	1 5	22 49	0 59	27 58	6 27	21 19	1 29	23 4	0 52	24 13	0 25	18 52	1 3	27 33	3 53	8 4	7 41	23 7			n.a.
T 13	18 8	26 55	5 12	22 55	1 14	22 54	0 55	27 57	6 24	21 21	1 29	23 3	0 52	24 13	0 25	18 52	1 3	27 33	3 53	8 5	7 43	23 9			n.a.
W14	17 52	28 28	5 8	22 45	1 22	22 58	0 52	27 57	6 22	21 23	1 30	23 2	0 52	24 13	0 25	18 51	1 3	27 33	3 53	8 6	7 44	23 11			n.a.
T 15	17 36	28 40	4 51	22 33	1 29	23 1	0 48	27 56	6 18	21 25	1 30	23 1	0 52	24 13	0 25	18 50	1 3	27 33	3 54	8 8	7 45	23 13			n.a.
F 16	17 19	27 24	4 19	22 18	1 35	23 3	0 44	27 54	6 15	21 26	1 30	22 59	0 53	24 13	0 25	18 50	1 3	27 34	3 54	8 10	7 46	23 15			n.a.
S 17	17 2	24 43	3 34	22 0	1 40	23 5	0 40	27 53	6 12	21 28	1 30	22 58	0 53	24 13	0 25	18 49	1 3	27 34	3 54	8 11	7 47	23 18			n.a.
S 18	16 45	20 44	2 37	21 40	1 44	23 6	0 36	27 51	6 9	21 30	1 30	22 57	0 53	24 13	0 25	18 49	1 3	27 34	3 54	8 13	7 49	23 20			n.a.
M19	16 28	15 38	1 31	21 18	1 47	23 7	0 33	27 50	6 5	21 32	1 30	22 56	0 53	24 13	0 25	18 48	1 3	27 34	3 54	8 13	7 50	23 22			n.a.
T 20	16 10	9 43	0 18	20 54	1 49	23 7	0 29	27 47	6 1	21 33	1 30	22 55	0 53	24 13	0 25	18 47	1 3	27 35	3 54	8 14	7 51	23 24			n.a.
W21	15 52	3 16	0n57	20 27	1 51	23 6	0 25	27 45	5 58	21 35	1 30	22 54	0 53	24 13	0 25	18 47	1 3	27 35	3 55	8 14	7 52	23 26			n.a.
T 22	15 33	3n25	2 10	19 59	1 51	23 5	0 22	27 43	5 54	21 37	1 30	22 53	0 53	24 13	0 25	18 46	1 3	27 35	3 55	8 13	7 54	23 28			n.a.
F 23	15 15	10 0	3 16	19 28	1 52	23 3	0 18	27 40	5 50	21 38	1 30	22 52	0 53	24 13	0 25	18 46	1 3	27 35	3 55	8 13	7 55	23 30			n.a.
S 24	14 56	16 8	4 10	18 56	1 51	23 0	0 14	27 37	5 46	21 40	1 30	22 51	0 53	24 13	0 25	18 45	1 3	27 35	3 55	8 12	7 56	23 32			n.a.
S 25	14 37	21 27	4 49	18 23	1 50	22 57	0 11	27 34	5 42	21 42	1 30	22 50	0 54	24 12	0 25	18 44	1 3	27 36	3 55	8 12	7 57	23 34			n.a.
M26	14 17	25 33	5 11	17 48	1 48	22 53	0 7	27 30	5 38	21 43	1 30	22 49	0 54	24 12	0 25	18 44	1 3	27 36	3 55	8 12	7 58	23 36			n.a.
T 27	13 57	28 4	5 14	17 12	1 46	22 48	0 4	27 27	5 34	21 45	1 30	22 48	0 54	24 12	0 25	18 43	1 3	27 36	3 55	8 12	8 0	23 38			n.a.
W28	13 38	28 47	4 58	16 35	1 43	22 43	0 0	27 23	5 30	21 46	1 29	22 47	0 54	24 12	0 25	18 43	1 3	27 36	3 56	8 13	8 1	23 40			n.a.
T 29	13 17	27 36	4 24	15 57	1 40	22 37	0n 3	27 19	5 26	21 47	1 29	22 46	0 54	24 12	0 25	18 42	1 3	27 36	3 56	8 14	8 2	23 42			n.a.
F 30	12 57	24 43	3 35	15 18	1 37	22 30	0 7	27 15	5 21	21 49	1 29	22 45	0 54	24 12	0 25	18 41	1 3	27 37	3 56	8 14	8 3	23 44			n.a.
S 31	12n37	20n27	2n34	14n38	1n33	22n23	0n10	27s11	5s17	21s50	1s29	22n44	0n54	24s12	0s25	18n41	1n 3	27n37	3n56	8s15	8s 5	23s46			n.a.

Julian Day Number = 1346158.5, Delta T = 07h11m24s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'33, Lahiri = -18°08'33 Julian Calendar 1 Aug. 1028 BCE == Greg. Calendar 22 July 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

SEPTEMBER 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 1 12	28♌16'22	23♌37	27♌22	21♋49	22♑ 9	0°R19	23♋ 0	27°R15	11♌19	24♊ 2	9°R11	9♓36	23♏46	n.a.	S 1
M 2	22 5 8	29°15'49	6♍50	29° 7	23° 1	22°11	0♒13	23° 7	27♐15	11°21	24° 3	9°D10	9°32	23°53	n.a.	M 2
T 3	22 9 5	0♍15'19	19°46	0♍51	24°13	22°14	0° 7	23°13	27°14	11°23	24° 4	9♓11	9°29	24° 0	n.a.	T 3
W 4	22 13 1	1°14'51	2♎24	2°34	25°25	22°17	0° 1	23°20	27°13	11°25	24° 5	9°11	9°26	24° 6	n.a.	W 4
T 5	22 16 58	2°14'25	14°48	4°16	26°37	22°22	29♑55	23°26	27°13	11°27	24° 6	9°12	9°23	24°13	n.a.	T 5
F 6	22 20 54	3°14'01	26°58	5°58	27°49	22°27	29°50	23°33	27°12	11°29	24° 7	9°13	9°20	24°20	n.a.	F 6
S 7	22 24 51	4°13'39	8♏58	7°39	29° 2	22°32	29°45	23°39	27°12	11°31	24° 7	9°13	9°16	24°27	n.a.	S 7
S 8	22 28 48	5°13'19	20°52	9°19	0♌14	22°39	29°39	23°46	27°11	11°33	24° 8	9°14	9°13	24°33	n.a.	S 8
M 9	22 32 44	6°13'01	2♐44	10°59	1°27	22°46	29°35	23°52	27°11	11°36	24° 9	9°R14	9°10	24°40	n.a.	M 9
T 10	22 36 41	7°12'45	14°39	12°38	2°40	22°54	29°30	23°58	27°10	11°38	24° 9	9°14	9° 7	24°47	n.a.	T 10
W11	22 40 37	8°12'31	26°42	14°16	3°52	23° 3	29°25	24° 4	27°10	11°40	24°10	9°14	9° 4	24°54	n.a.	W11
T 12	22 44 34	9°12'18	8♑58	15°54	5° 5	23°12	29°21	24°10	27°10	11°42	24°11	9°D14	9° 1	25° 0	n.a.	T 12
F 13	22 48 30	10°12'07	21°29	17°31	6°18	23°23	29°16	24°16	27°10	11°44	24°11	9°14	8°57	25° 7	n.a.	F 13
S 14	22 52 27	11°11'59	4♒19	19° 7	7°31	23°33	29°12	24°22	27° 9	11°46	24°12	9°14	8°54	25°14	n.a.	S 14
S 15	22 56 23	12°11'52	17°30	20°43	8°44	23°45	29° 8	24°28	27° 9	11°48	24°12	9°14	8°51	25°20	n.a.	S 15
M16	23 0 20	13°11'47	1♓ 2	22°18	9°57	23°57	29° 5	24°34	27°D 9	11°50	24°13	9°14	8°48	25°27	n.a.	M16
T 17	23 4 17	14°11'44	14°54	23°53	11°10	24°10	29° 1	24°40	27° 9	11°52	24°13	9°R14	8°45	25°34	n.a.	T 17
W18	23 8 13	15°11'43	29° 2	25°27	12°24	24°23	28°58	24°46	27° 9	11°54	24°14	9°14	8°42	25°41	n.a.	W18
T 19	23 12 10	16°11'44	13♈23	27° 0	13°37	24°37	28°55	24°51	27° 9	11°56	24°14	9°13	8°38	25°47	n.a.	T 19
F 20	23 16 6	17°11'47	27°51	28°33	14°51	24°52	28°52	24°57	27°10	11°57	24°15	9°12	8°35	25°54	n.a.	F 20
S 21	23 20 3	18°11'52	12♉20	0♎ 5	16° 4	25° 7	28°49	25° 2	27°10	11°59	24°15	9°11	8°32	26° 1	n.a.	S 21
S 22	23 23 59	19°12'00	26°46	1°37	17°18	25°23	28°46	25° 8	27°10	12° 1	24°16	9°11	8°29	26° 7	n.a.	S 22
M23	23 27 56	20°12'11	11♊ 5	3° 9	18°31	25°39	28°44	25°13	27°10	12° 3	24°16	9°10	8°26	26°14	n.a.	M23
T 24	23 31 52	21°12'23	25°13	4°40	19°45	25°56	28°42	25°19	27°11	12° 5	24°16	9°D10	8°22	26°21	n.a.	T 24
W25	23 35 49	22°12'38	9♋ 9	6°10	20°59	26°14	28°40	25°24	27°11	12° 7	24°17	9°10	8°19	26°28	n.a.	W25
T 26	23 39 45	23°12'55	22°52	7°40	22°13	26°32	28°38	25°29	27°12	12° 8	24°17	9°11	8°16	26°34	n.a.	T 26
F 27	23 43 42	24°13'14	6♌22	9°10	23°27	26°50	28°36	25°34	27°12	12°10	24°17	9°12	8°13	26°41	n.a.	F 27
S 28	23 47 39	25°13'35	19°38	10°38	24°41	27° 9	28°35	25°39	27°13	12°12	24°17	9°14	8°10	26°48	n.a.	S 28
S 29	23 51 35	26°13'58	2♍42	12° 7	25°55	27°29	28°34	25°44	27°13	12°14	24°17	9°R14	8° 7	26°55	n.a.	S 29
M30	23 55 32	27♍14'23	15♍33	13♎35	27♌ 9	27♑49	28♑33	25♋49	27♐14	12♌15	24♊18	9♓14	8♓ 3	27♏ 1	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n16	15n12	1n25	13n58	1n29	22n14	0n13	27s 7	5s13	21s51	1s29	22n43	0n54	24s12	0s25	18n40	1n 3	27n37	3n56	8s15	8s 6	23s48		n.a.
M 2	11 55	9 21	0 13	13 17	1 24	22 6	0 17	27 2	5 9	21 53	1 29	22 42	0 55	24 12	0 25	18 40	1 3	27 37	3 56	8 15	8 7	23 50		n.a.
T 3	11 34	3 14	0s58	12 35	1 19	21 56	0 20	26 57	5 4	21 54	1 29	22 41	0 55	24 12	0 25	18 39	1 3	27 37	3 57	8 15	8 8	23 52		n.a.
W 4	11 12	2s53	2 5	11 53	1 14	21 46	0 23	26 52	5 0	21 55	1 29	22 40	0 55	24 12	0 25	18 38	1 3	27 38	3 57	8 15	8 9	23 54		n.a.
T 5	10 51	8 45	3 5	11 10	1 9	21 36	0 26	26 48	4 56	21 56	1 29	22 39	0 55	24 12	0 25	18 38	1 3	27 38	3 57	8 15	8 11	23 56		n.a.
F 6	10 29	14 11	3 55	10 27	1 3	21 24	0 29	26 42	4 52	21 57	1 29	22 38	0 55	24 12	0 25	18 37	1 3	27 38	3 57	8 14	8 12	23 58		n.a.
S 7	10 7	19 1	4 34	9 43	0 58	21 12	0 32	26 37	4 47	21 58	1 29	22 37	0 55	24 12	0 25	18 37	1 3	27 38	3 57	8 14	8 13	24 0		n.a.
S 8	9 45	23 5	5 1	9 0	0 52	21 0	0 35	26 32	4 43	21 59	1 29	22 36	0 55	24 12	0 25	18 36	1 3	27 38	3 57	8 14	8 14	24 2		n.a.
M 9	9 22	26 11	5 15	8 16	0 46	20 47	0 38	26 26	4 39	22 0	1 29	22 35	0 56	24 12	0 25	18 36	1 3	27 39	3 58	8 14	8 15	24 4		n.a.
T 10	9 0	28 9	5 16	7 32	0 40	20 33	0 41	26 21	4 34	22 1	1 28	22 34	0 56	24 12	0 25	18 35	1 3	27 39	3 58	8 14	8 17	24 5		n.a.
W11	8 37	28 49	5 2	6 48	0 33	20 18	0 44	26 15	4 30	22 2	1 28	22 33	0 56	24 12	0 25	18 34	1 3	27 39	3 58	8 14	8 18	24 7		n.a.
T 12	8 15	28 5	4 35	6 4	0 27	20 3	0 47	26 9	4 26	22 3	1 28	22 32	0 56	24 12	0 25	18 34	1 3	27 39	3 58	8 14	8 19	24 9		n.a.
F 13	7 52	25 56	3 55	5 19	0 21	19 48	0 49	26 3	4 22	22 4	1 28	22 31	0 56	24 12	0 25	18 33	1 3	27 39	3 58	8 14	8 20	24 11		n.a.
S 14	7 29	22 25	3 2	4 35	0 14	19 31	0 52	25 57	4 18	22 4	1 28	22 31	0 56	24 12	0 25	18 33	1 3	27 40	3 58	8 14	8 21	24 13		n.a.
S 15	7 6	17 42	1 58	3 51	0 7	19 14	0 55	25 51	4 14	22 5	1 28	22 30	0 56	24 12	0 25	18 32	1 4	27 40	3 59	8 14	8 23	24 15		n.a.
M16	6 42	11 59	0 45	3 7	0 1	18 57	0 57	25 45	4 9	22 6	1 28	22 29	0 57	24 12	0 25	18 32	1 4	27 40	3 59	8 14	8 24	24 17		n.a.
T 17	6 19	5 34	0n31	2 23	0s 6	18 39	1 0	25 39	4 5	22 6	1 27	22 28	0 57	24 12	0 25	18 31	1 4	27 40	3 59	8 14	8 25	24 19		n.a.
W18	5 55	1n15	1 48	1 39	0 13	18 21	1 2	25 32	4 1	22 7	1 27	22 27	0 57	24 12	0 25	18 31	1 4	27 40	3 59	8 14	8 26	24 21		n.a.
T 19	5 32	8 5	2 58	0 55	0 19	18 1	1 4	25 26	3 57	22 7	1 27	22 26	0 57	24 12	0 25	18 30	1 4	27 41	3 59	8 14	8 28	24 23		n.a.
F 20	5 8	14 34	3 58	0 11	0 26	17 42	1 6	25 19	3 53	22 8	1 27	22 25	0 57	24 12	0 25	18 30	1 4	27 41	4 0	8 15	8 29	24 24		n.a.
S 21	4 44	20 15	4 42	0s32	0 33	17 22	1 9	25 12	3 49	22 8	1 27	22 24	0 57	24 12	0 25	18 29	1 4	27 41	4 0	8 15	8 30	24 26		n.a.
S 22	4 20	24 45	5 9	1 15	0 39	17 1	1 11	25 5	3 45	22 9	1 27	22 23	0 58	24 12	0 25	18 29	1 4	27 41	4 0	8 15	8 31	24 28		n.a.
M23	3 56	27 40	5 16	1 58	0 46	16 40	1 13	24 58	3 42	22 9	1 27	22 23	0 58	24 12	0 25	18 28	1 4	27 41	4 0	8 16	8 32	24 30		n.a.
T 24	3 32	28 48	5 4	2 41	0 53	16 18	1 15	24 51	3 38	22 9	1 26	22 22	0 58	24 12	0 25	18 28	1 4	27 42	4 0	8 16	8 34	24 32		n.a.
W25	3 8	28 3	4 34	3 23	0 59	15 56	1 17	24 44	3 34	22 10	1 26	22 21	0 58	24 12	0 25	18 27	1 4	27 42	4 0	8 15	8 35	24 34		n.a.
T 26	2 44	25 36	3 49	4 6	1 6	15 34	1 18	24 37	3 30	22 10	1 26	22 20	0 58	24 12	0 25	18 27	1 4	27 42	4 1	8 15	8 36	24 35		n.a.
F 27	2 20	21 45	2 52	4 47	1 12	15 11	1 20	24 30	3 26	22 10	1 26	22 19	0 58	24 12	0 24	18 26	1 4	27 42	4 1	8 15	8 37	24 37		n.a.
S 28	1 56	16 50	1 46	5 29	1 18	14 47	1 22	24 22	3 23	22 10	1 26	22 19	0 59	24 12	0 24	18 26	1 4	27 42	4 1	8 14	8 38	24 39		n.a.
S 29	1 31	11 14	0 36	6 9	1 25	14 23	1 23	24 15	3 19	22 10	1 26	22 18	0 59	24 12	0 24	18 25	1 4	27 43	4 1	8 14	8 40	24 41		n.a.
M30	1n 7	5n15	0s35	6s50	1s31	13n59	1n25	24s 7	3s15	22s10	1s25	22n17	0n59	24s12	0s24	18n25	1n 4	27n43	4n 1	8s14	8s41	24s43		n.a.

Julian Day Number = 1346189.5, Delta T = 07h11m23s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'29, Lahiri = -18°08'29 Julian Calendar 1 Sept. 1028 BCE == Greg. Calendar 22 Aug. 1028 BCE

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

OCTOBER 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 59 28	28♍14'50	28♍12	15♎ 2	28♌23	28♉ 9	28°R32	25♋54	27♐15	12♌17	24♊18	9°R13	8♓ 0	27♏ 8	n.a.	T 1
W 2	0 3 25	29°15'18	10♎39	16°29	29°38	28°30	28♉32	25°58	27°16	12°19	24°18	9♓11	7°57	27°15	n.a.	W 2
T 3	0 7 21	0♎15'49	22°54	17°55	0♍52	28°52	28°31	26° 3	27°16	12°20	24°18	9° 8	7°54	27°21	n.a.	T 3
F 4	0 11 18	1°16'21	5♏ 0	19°21	2° 6	29°14	28°D31	26° 8	27°17	12°22	24°18	9° 5	7°51	27°28	n.a.	F 4
S 5	0 15 14	2°16'54	16°58	20°45	3°21	29°36	28°31	26°12	27°18	12°24	24°R18	9° 1	7°48	27°35	n.a.	S 5
S 6	0 19 11	3°17'30	28°51	22° 9	4°35	29°59	28°32	26°16	27°19	12°25	24°18	8°57	7°44	27°42	n.a.	S 6
M 7	0 23 8	4°18'06	10♐42	23°33	5°49	0♒22	28°32	26°21	27°20	12°27	24°18	8°54	7°41	27°48	n.a.	M 7
T 8	0 27 4	5°18'45	22°35	24°55	7° 4	0°46	28°33	26°25	27°21	12°28	24°18	8°52	7°38	27°55	n.a.	T 8
W 9	0 31 1	6°19'24	4♑35	26°16	8°19	1°10	28°34	26°29	27°22	12°30	24°18	8°D51	7°35	28° 2	n.a.	W 9
T 10	0 34 57	7°20'05	16°47	27°36	9°33	1°34	28°35	26°33	27°24	12°31	24°18	8°51	7°32	28° 8	n.a.	T 10
F 11	0 38 54	8°20'47	29°14	28°55	10°48	1°59	28°36	26°37	27°25	12°33	24°17	8°53	7°28	28°15	n.a.	F 11
S 12	0 42 50	9°21'30	12♒ 2	0♏13	12° 3	2°24	28°38	26°41	27°26	12°34	24°17	8°54	7°25	28°22	n.a.	S 12
S 13	0 46 47	10°22'15	25°14	1°29	13°17	2°49	28°39	26°45	27°27	12°36	24°17	8°56	7°22	28°29	n.a.	S 13
M14	0 50 43	11°23'01	8♓52	2°43	14°32	3°15	28°41	26°48	27°29	12°37	24°17	8°R56	7°19	28°35	n.a.	M14
T 15	0 54 40	12°23'48	22°57	3°54	15°47	3°41	28°43	26°52	27°30	12°38	24°17	8°56	7°16	28°42	n.a.	T 15
W16	0 58 37	13°24'36	7♈25	5° 4	17° 2	4° 8	28°46	26°55	27°32	12°40	24°16	8°53	7°13	28°49	n.a.	W16
T 17	1 2 33	14°25'26	22°11	6°11	18°16	4°35	28°48	26°59	27°33	12°41	24°16	8°49	7° 9	28°56	n.a.	T 17
F 18	1 6 30	15°26'17	7♉ 7	7°15	19°31	5° 2	28°51	27° 2	27°35	12°42	24°16	8°44	7° 6	29° 2	n.a.	F 18
S 19	1 10 26	16°27'10	22° 5	8°15	20°46	5°29	28°54	27° 5	27°36	12°43	24°15	8°38	7° 3	29° 9	n.a.	S 19
S 20	1 14 23	17°28'04	6♊56	9°12	22° 1	5°57	28°57	27° 8	27°38	12°44	24°15	8°32	7° 0	29°16	n.a.	S 20
M21	1 18 19	18°29'00	21°33	10° 4	23°16	6°25	29° 0	27°11	27°40	12°46	24°15	8°28	6°57	29°22	n.a.	M21
T 22	1 22 16	19°29'58	5♋50	10°51	24°31	6°53	29° 4	27°14	27°41	12°47	24°14	8°25	6°53	29°29	n.a.	T 22
W23	1 26 12	20°30'57	19°46	11°32	25°46	7°21	29° 7	27°17	27°43	12°48	24°14	8°D24	6°50	29°36	n.a.	W23
T 24	1 30 9	21°31'57	3♌21	12° 7	27° 1	7°50	29°11	27°20	27°45	12°49	24°13	8°25	6°47	29°43	n.a.	T 24
F 25	1 34 6	22°32'59	16°36	12°35	28°17	8°19	29°15	27°22	27°47	12°50	24°13	8°26	6°44	29°49	n.a.	F 25
S 26	1 38 2	23°34'02	29°33	12°54	29°32	8°48	29°20	27°25	27°49	12°51	24°12	8°28	6°41	29°56	n.a.	S 26
S 27	1 41 59	24°35'06	12♍17	13° 5	0♎47	9°18	29°24	27°27	27°51	12°52	24°12	8°R28	6°38	0♐ 3	n.a.	S 27
M28	1 45 55	25°36'11	24°48	13°R 6	2° 2	9°48	29°29	27°29	27°53	12°53	24°11	8°26	6°34	0° 9	n.a.	M28
T 29	1 49 52	26°37'18	7♎ 9	12°56	3°17	10°18	29°34	27°32	27°55	12°54	24°10	8°22	6°31	0°16	n.a.	T 29
W30	1 53 48	27°38'26	19°22	12°36	4°32	10°48	29°39	27°34	27°57	12°55	24°10	8°16	6°28	0°23	n.a.	W30
T 31	1 57 45	28♎39'34	1♏28	12♏ 4	5♎48	11♒18	29♉44	27♋36	27♐59	12♌56	24♊ 9	8♓ 8	6♓25	0♐30	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat	
T 1	0n42	0s50	1s43	7s30	1s37	13n34	1n26	23s59	3s12	22s10	1s25	22n16	0n59	24s12	0s24	18n24	1n 4	27n43	4n 1	8s14		8s42		24s44				n.a.
W 2	0 18	6 47	2 44	8 9	1 42	13 9	1 28	23 51	3 8	22 10	1 25	22 16	0 59	24 12	0 24	18 24	1 4	27 43	4 2	8 15		8 43		24 46				n.a.
T 3	0s 6	12 24	3 38	8 48	1 48	12 43	1 29	23 44	3 5	22 10	1 25	22 15	0 59	24 12	0 24	18 24	1 4	27 43	4 2	8 16		8 44		24 48				n.a.
F 4	0 31	17 28	4 20	9 26	1 53	12 17	1 30	23 36	3 1	22 10	1 25	22 14	1 0	24 12	0 24	18 23	1 4	27 43	4 2	8 18		8 46		24 50				n.a.
S 5	0 55	21 48	4 51	10 3	1 58	11 51	1 31	23 27	2 58	22 10	1 24	22 13	1 0	24 12	0 24	18 23	1 4	27 44	4 2	8 19		8 47		24 51				n.a.
S 6	1 20	25 14	5 9	10 40	2 3	11 25	1 32	23 19	2 55	22 9	1 24	22 13	1 0	24 12	0 24	18 22	1 4	27 44	4 2	8 21		8 48		24 53				n.a.
M 7	1 44	27 34	5 13	11 16	2 8	10 58	1 33	23 11	2 51	22 9	1 24	22 12	1 0	24 12	0 24	18 22	1 4	27 44	4 3	8 22		8 49		24 55				n.a.
T 8	2 9	28 41	5 5	11 51	2 12	10 30	1 34	23 2	2 48	22 9	1 24	22 11	1 0	24 12	0 24	18 21	1 4	27 44	4 3	8 22		8 50		24 57				n.a.
W 9	2 33	28 27	4 43	12 25	2 17	10 3	1 35	22 54	2 45	22 8	1 24	22 11	1 1	24 12	0 24	18 21	1 4	27 44	4 3	8 23		8 52		24 58				n.a.
T 10	2 57	26 50	4 8	12 58	2 20	9 35	1 36	22 45	2 42	22 8	1 23	22 10	1 1	24 12	0 24	18 21	1 4	27 45	4 3	8 23		8 53		25 0				n.a.
F 11	3 22	23 54	3 20	13 30	2 24	9 7	1 36	22 36	2 39	22 7	1 23	22 10	1 1	24 12	0 24	18 20	1 4	27 45	4 3	8 22		8 54		25 2				n.a.
S 12	3 46	19 43	2 22	14 1	2 27	8 38	1 37	22 27	2 35	22 7	1 23	22 9	1 1	24 12	0 24	18 20	1 4	27 45	4 3	8 21		8 55		25 3				n.a.
S 13	4 10	14 29	1 14	14 30	2 29	8 10	1 37	22 18	2 32	22 6	1 23	22 9	1 1	24 12	0 24	18 20	1 5	27 45	4 4	8 21		8 56		25 5				n.a.
M14	4 34	8 23	0 0	14 58	2 32	7 41	1 38	22 9	2 29	22 6	1 23	22 8	1 1	24 12	0 24	18 19	1 5	27 45	4 4	8 21		8 58		25 7				n.a.
T 15	4 58	1 41	1n16	15 25	2 33	7 12	1 38	22 0	2 26	22 5	1 22	22 8	1 2	24 12	0 24	18 19	1 5	27 45	4 4	8 21		8 59		25 9				n.a.
W16	5 22	5n15	2 29	15 50	2 34	6 42	1 38	21 51	2 23	22 5	1 22	22 7	1 2	24 12	0 24	18 19	1 5	27 46	4 4	8 22		9 0		25 10				n.a.
T 17	5 46	12 4	3 34	16 13	2 35	6 13	1 38	21 41	2 20	22 4	1 22	22 7	1 2	24 12	0 24	18 18	1 5	27 46	4 4	8 23		9 1		25 12				n.a.
F 18	6 10	18 15	4 24	16 34	2 34	5 43	1 39	21 32	2 18	22 3	1 22	22 6	1 2	24 12	0 24	18 18	1 5	27 46	4 5	8 26		9 2		25 14				n.a.
S 19	6 34	23 21	4 57	16 53	2 33	5 13	1 39	21 22	2 15	22 2	1 22	22 6	1 2	24 12	0 24	18 18	1 5	27 46	4 5	8 28		9 4		25 15				n.a.
S 20	6 58	26 54	5 10	17 10	2 31	4 43	1 38	21 13	2 12	22 1	1 21	22 5	1 3	24 12	0 24	18 17	1 5	27 46	4 5	8 30		9 5		25 17				n.a.
M21	7 21	28 34	5 2	17 25	2 28	4 13	1 38	21 3	2 9	22 0	1 21	22 5	1 3	24 12	0 24	18 17	1 5	27 46	4 5	8 31		9 6		25 18				n.a.
T 22	7 45	28 16	4 35	17 36	2 25	3 42	1 38	20 53	2 6	22 0	1 21	22 4	1 3	24 12	0 24	18 17	1 5	27 46	4 5	8 33		9 7		25 20				n.a.
W23	8 8	26 11	3 53	17 45	2 20	3 12	1 38	20 43	2 4	21 59	1 21	22 4	1 3	24 12	0 24	18 16	1 5	27 47	4 5	8 33		9 8		25 22				n.a.
T 24	8 31	22 36	2 58	17 50	2 14	2 41	1 38	20 33	2 1	21 58	1 21	22 4	1 3	24 12	0 24	18 16	1 5	27 47	4 6	8 33		9 10		25 23				n.a.
F 25	8 55	17 57	1 56	17 52	2 6	2 11	1 37	20 23	1 58	21 56	1 20	22 3	1 4	24 12	0 24	18 16	1 5	27 47	4 6	8 32		9 11		25 25				n.a.
S 26	9 18	12 33	0 48	17 49	1 58	1 40	1 37	20 12	1 56	21 55	1 20	22 3	1 4	24 12	0 24	18 16	1 5	27 47	4 6	8 32		9 12		25 27				n.a.
S 27	9 40	6 45	0s21	17 43	1 47	1 9	1 36	20 2	1 53	21 54	1 20	22 3	1 4	24 12	0 24	18 15	1 5	27 47	4 6	8 32		9 13		25 28				n.a.
M28	10 3	0 46	1 27	17 32	1 36	0 38	1 35	19 51	1 51	21 53	1 20	22 3	1 4	24 12	0 24	18 15	1 5	27 47	4 6	8 32		9 14		25 30				n.a.
T 29	10 26	5s 9	2 28	17 16	1 22	0 7	1 35	19 41	1 48	21 52	1 20	22 2	1 4	24 12	0 24	18 15	1 5	27 48	4 6	8 34		9 16		25 31				n.a.
W30	10 48	10 48	3 22	16 56	1 8	0s24	1 34	19 30	1 46	21 51	1 20	22 2	1 5	24 12	0 24	18 15	1 5	27 48	4 7	8 36		9 17		25 33				n.a.
T 31	11s10	16s 0	4s 5	16s30	0s51	0s55	1n33	19s19	1s43	21s49	1s19	22n 2	1n 5	24s12	0s24	18n15	1n 5	27n48	4n 7	8s39		9s18		25s35				n.a.

Julian Day Number = 1346219.5, Delta T = 07h11m21s
Ecliptic obliquity = 23°49'13, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'25, Lahiri = -18°08'24 Julian Calendar 1 Oct. 1028 BCE == Greg. Calendar 21 Sept. 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

NOVEMBER 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 1 41	29♎40'44	13♏27	11°R21	7♎ 3	11♒49	29♉49	27♋38	28♐ 1	12♌56	24°R 8	7°R57	6♓22	0♐36	n.a.	F 1
S 2	2 5 38	0♏41'54	25°22	10♏27	8°18	12°20	29°55	27°39	28° 3	12°57	24♊ 8	7♓46	6°19	0°43	n.a.	S 2
S 3	2 9 35	1°43'05	7♐14	9°23	9°33	12°51	0♒ 1	27°41	28° 6	12°58	24° 7	7°36	6°15	0°50	n.a.	S 3
M 4	2 13 31	2°44'17	19° 5	8°12	10°49	13°22	0° 6	27°42	28° 8	12°59	24° 6	7°26	6°12	0°57	n.a.	M 4
T 5	2 17 28	3°45'29	0♑57	6°53	12° 4	13°54	0°13	27°44	28°10	12°59	24° 6	7°19	6° 9	1° 3	n.a.	T 5
W 6	2 21 24	4°46'42	12°55	5°32	13°19	14°25	0°19	27°45	28°13	13° 0	24° 5	7°13	6° 6	1°10	n.a.	W 6
T 7	2 25 21	5°47'55	25° 2	4° 9	14°35	14°57	0°25	27°46	28°15	13° 1	24° 4	7°11	6° 3	1°17	n.a.	T 7
F 8	2 29 17	6°49'09	7♒24	2°48	15°50	15°29	0°32	27°48	28°18	13° 1	24° 3	7°D10	5°59	1°23	n.a.	F 8
S 9	2 33 14	7°50'22	20° 4	1°31	17° 5	16° 1	0°39	27°49	28°20	13° 2	24° 2	7°11	5°56	1°30	n.a.	S 9
S 10	2 37 11	8°51'36	3♓ 9	0°21	18°21	16°34	0°46	27°49	28°23	13° 2	24° 1	7°R11	5°53	1°37	n.a.	S 10
M11	2 41 7	9°52'50	16°41	29♎20	19°36	17° 6	0°53	27°50	28°25	13° 3	24° 0	7°11	5°50	1°44	n.a.	M11
T 12	2 45 4	10°54'05	0♈43	28°29	20°51	17°39	1° 0	27°51	28°28	13° 3	24° 0	7° 9	5°47	1°50	n.a.	T 12
W13	2 49 0	11°55'19	15°14	27°48	22° 7	18°12	1° 7	27°51	28°30	13° 4	23°59	7° 4	5°44	1°57	n.a.	W13
T 14	2 52 57	12°56'34	0♉10	27°19	23°22	18°45	1°15	27°52	28°33	13° 4	23°58	6°56	5°40	2° 4	n.a.	T 14
F 15	2 56 53	13°57'49	15°23	27° 0	24°37	19°18	1°23	27°52	28°36	13° 4	23°57	6°47	5°37	2°10	n.a.	F 15
S 16	3 0 50	14°59'05	0♊42	26°D52	25°53	19°51	1°30	27°52	28°39	13° 5	23°56	6°36	5°34	2°17	n.a.	S 16
S 17	3 4 46	16° 0'20	15°56	26°53	27° 8	20°25	1°38	27°52	28°41	13° 5	23°55	6°26	5°31	2°24	n.a.	S 17
M18	3 8 43	17° 1'37	0♋54	27° 4	28°24	20°58	1°47	27°R52	28°44	13° 5	23°54	6°17	5°28	2°31	n.a.	M18
T 19	3 12 40	18° 2'53	15°29	27°23	29°39	21°32	1°55	27°52	28°47	13° 5	23°53	6°11	5°25	2°37	n.a.	T 19
W20	3 16 36	19° 4'10	29°36	27°50	0♏54	22° 6	2° 3	27°52	28°50	13° 5	23°52	6° 7	5°21	2°44	n.a.	W20
T 21	3 20 33	20° 5'28	13♌16	28°24	2°10	22°40	2°12	27°52	28°53	13° 6	23°50	6° 5	5°18	2°51	n.a.	T 21
F 22	3 24 29	21° 6'46	26°30	29° 3	3°25	23°14	2°21	27°51	28°56	13° 6	23°49	6°D 5	5°15	2°58	n.a.	F 22
S 23	3 28 26	22° 8'03	9♍21	29°49	4°41	23°48	2°30	27°51	28°59	13° 6	23°48	6°R 5	5°12	3° 4	n.a.	S 23
S 24	3 32 22	23° 9'22	21°55	0♏39	5°56	24°22	2°39	27°50	29° 2	13°R 6	23°47	6° 4	5° 9	3°11	n.a.	S 24
M25	3 36 19	24°10'40	4♎14	1°33	7°11	24°56	2°48	27°49	29° 5	13° 6	23°46	6° 1	5° 5	3°18	n.a.	M25
T 26	3 40 15	25°11'58	16°23	2°31	8°27	25°31	2°57	27°48	29° 8	13° 6	23°45	5°55	5° 2	3°24	n.a.	T 26
W27	3 44 12	26°13'17	28°25	3°33	9°42	26° 5	3° 6	27°47	29°11	13° 6	23°44	5°46	4°59	3°31	n.a.	W27
T 28	3 48 9	27°14'35	10♏22	4°38	10°57	26°40	3°16	27°46	29°14	13° 6	23°42	5°34	4°56	3°38	n.a.	T 28
F 29	3 52 5	28°15'54	22°16	5°45	12°13	27°15	3°26	27°45	29°17	13° 5	23°41	5°20	4°53	3°45	n.a.	F 29
S 30	3 56 2	29♏17'12	4♐ 8	6♏55	13♏28	27♒50	3♒36	27♋44	29♐20	13♌ 5	23♊40	5♓ 4	4♓50	3♐51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s32	20s32	4s38	16s 0	0s33	1s26	1n32	19s 8	1s41	21s48	1s19	22n 2	1n 5	24s12	0s24	18n14	1n 5	27n48	4n 7	8s43	9s19	25s36		n.a.
S 2	11 54	24 13	4 58	15 25	0 14	1 57	1 31	18 57	1 39	21 47	1 19	22 2	1 5	24 12	0 24	18 14	1 5	27 48	4 7	8 47	9 20	25 38		n.a.
S 3	12 16	26 52	5 5	14 46	0n 6	2 28	1 30	18 46	1 36	21 45	1 19	22 1	1 5	24 12	0 24	18 14	1 5	27 48	4 7	8 51	9 22	25 39		n.a.
M 4	12 37	28 19	4 59	14 3	0 26	2 59	1 29	18 34	1 34	21 44	1 19	22 1	1 6	24 12	0 24	18 14	1 5	27 48	4 7	8 55	9 23	25 41		n.a.
T 5	12 58	28 28	4 40	13 18	0 47	3 30	1 28	18 23	1 32	21 42	1 18	22 1	1 6	24 12	0 24	18 14	1 6	27 48	4 8	8 58	9 24	25 42		n.a.
W 6	13 19	27 18	4 8	12 31	1 7	4 1	1 27	18 11	1 30	21 41	1 18	22 1	1 6	24 12	0 24	18 14	1 6	27 49	4 8	9 0	9 25	25 44		n.a.
T 7	13 40	24 50	3 25	11 45	1 26	4 32	1 25	18 0	1 27	21 39	1 18	22 1	1 6	24 12	0 24	18 13	1 6	27 49	4 8	9 1	9 26	25 45		n.a.
F 8	14 0	21 10	2 32	11 1	1 44	5 2	1 24	17 48	1 25	21 37	1 18	22 1	1 6	24 13	0 24	18 13	1 6	27 49	4 8	9 1	9 27	25 47		n.a.
S 9	14 21	16 27	1 30	10 19	2 0	5 33	1 23	17 36	1 23	21 36	1 18	22 1	1 7	24 13	0 24	18 13	1 6	27 49	4 8	9 1	9 29	25 48		n.a.
S 10	14 41	10 51	0 22	9 41	2 14	6 3	1 21	17 24	1 21	21 34	1 17	22 1	1 7	24 13	0 24	18 13	1 6	27 49	4 8	9 1	9 30	25 50		n.a.
M11	15 0	4 34	0n50	9 9	2 26	6 34	1 20	17 12	1 19	21 32	1 17	22 1	1 7	24 13	0 24	18 13	1 6	27 49	4 8	9 1	9 31	25 51		n.a.
T 12	15 20	2n 9	2 2	8 41	2 36	7 4	1 18	17 0	1 17	21 30	1 17	22 1	1 7	24 13	0 24	18 13	1 6	27 49	4 9	9 2	9 32	25 53		n.a.
W13	15 39	8 58	3 8	8 20	2 43	7 34	1 16	16 48	1 15	21 29	1 17	22 1	1 8	24 13	0 24	18 13	1 6	27 49	4 9	9 3	9 33	25 54		n.a.
T 14	15 58	15 29	4 3	8 4	2 48	8 4	1 15	16 36	1 13	21 27	1 17	22 1	1 8	24 13	0 24	18 13	1 6	27 49	4 9	9 6	9 35	25 56		n.a.
F 15	16 17	21 11	4 41	7 54	2 52	8 33	1 13	16 23	1 11	21 25	1 17	22 2	1 8	24 13	0 24	18 13	1 6	27 50	4 9	9 10	9 36	25 57		n.a.
S 16	16 35	25 30	5 0	7 49	2 54	9 3	1 11	16 11	1 9	21 23	1 16	22 2	1 8	24 13	0 24	18 13	1 6	27 50	4 9	9 14	9 37	25 59		n.a.
S 17	16 53	28 0	4 58	7 50	2 54	9 32	1 10	15 58	1 7	21 21	1 16	22 2	1 8	24 13	0 24	18 13	1 6	27 50	4 9	9 18	9 38	26 0		n.a.
M18	17 11	28 24	4 35	7 54	2 53	10 1	1 8	15 45	1 5	21 19	1 16	22 2	1 9	24 13	0 24	18 13	1 6	27 50	4 10	9 21	9 39	26 2		n.a.
T 19	17 29	26 47	3 54	8 4	2 50	10 30	1 6	15 33	1 3	21 17	1 16	22 2	1 9	24 13	0 24	18 13	1 6	27 50	4 10	9 23	9 41	26 3		n.a.
W20	17 46	23 30	3 0	8 16	2 47	10 59	1 4	15 20	1 1	21 15	1 16	22 3	1 9	24 13	0 24	18 13	1 6	27 50	4 10	9 25	9 42	26 4		n.a.
T 21	18 3	18 59	1 58	8 32	2 43	11 27	1 2	15 7	0 59	21 13	1 16	22 3	1 9	24 13	0 24	18 13	1 6	27 50	4 10	9 25	9 43	26 6		n.a.
F 22	18 19	13 40	0 51	8 51	2 38	11 55	1 0	14 54	0 58	21 10	1 15	22 3	1 9	24 13	0 24	18 13	1 6	27 50	4 10	9 25	9 44	26 7		n.a.
S 23	18 36	7 55	0s17	9 13	2 32	12 23	0 58	14 41	0 56	21 8	1 15	22 3	1 10	24 13	0 24	18 13	1 6	27 50	4 10	9 25	9 45	26 9		n.a.
S 24	18 51	2 0	1 23	9 36	2 26	12 50	0 56	14 27	0 54	21 6	1 15	22 4	1 10	24 13	0 24	18 13	1 6	27 50	4 10	9 26	9 46	26 10		n.a.
M25	19 7	3s53	2 23	10 1	2 20	13 17	0 54	14 14	0 52	21 4	1 15	22 4	1 10	24 13	0 24	18 13	1 7	27 50	4 10	9 27	9 48	26 11		n.a.
T 26	19 22	9 32	3 16	10 28	2 13	13 44	0 51	14 1	0 51	21 1	1 15	22 5	1 10	24 13	0 24	18 13	1 7	27 50	4 11	9 29	9 49	26 13		n.a.
W27	19 37	14 47	3 59	10 56	2 6	14 10	0 49	13 47	0 49	20 59	1 15	22 5	1 10	24 13	0 24	18 13	1 7	27 51	4 11	9 33	9 50	26 14		n.a.
T 28	19 51	19 26	4 31	11 25	1 58	14 37	0 47	13 34	0 47	20 57	1 15	22 5	1 11	24 13	0 24	18 13	1 7	27 51	4 11	9 37	9 51	26 15		n.a.
F 29	20 5	23 18	4 51	11 55	1 51	15 2	0 45	13 20	0 46	20 54	1 14	22 6	1 11	24 13	0 24	18 13	1 7	27 51	4 11	9 42	9 52	26 17		n.a.
S 30	20s19	26s12	4s59	12s25	1n43	15s27	0n42	13s 6	0s44	20s52	1s14	22n 6	1n11	24s13	0s24	18n13	1n 7	27n51	4n11	9s48	9s54	26s18		n.a.

Julian Day Number = 1346250.5, Delta T = 07h11m20s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'21, Lahiri = -18°08'20 Julian Calendar 1 Nov. 1028 BCE == Greg. Calendar 22 Oct. 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1028 BCE
geocentric

DECEMBER 1028 BCE (-1027) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 58	0♐18'29	16♐ 0	8♏ 7	14♏44	28♒25	3♒45	27°R42	29♐23	13°R 5	23°R39	4°R49	4♓46	3♐58	n.a.	S 1
M 2	4 3 55	1°19'47	27°53	9°21	15°59	29° 0	3°56	27♋41	29°26	13♌ 5	23♊38	4♓35	4°43	4° 5	n.a.	M 2
T 3	4 7 51	2°21'04	9♑49	10°36	17°14	29°35	4° 6	27°39	29°29	13° 5	23°36	4°24	4°40	4°12	n.a.	T 3
W 4	4 11 48	3°22'20	21°49	11°53	18°30	0♓11	4°16	27°38	29°33	13° 4	23°35	4°15	4°37	4°18	n.a.	W 4
T 5	4 15 45	4°23'36	3♒57	13°12	19°45	0°46	4°26	27°36	29°36	13° 4	23°34	4°10	4°34	4°25	n.a.	T 5
F 6	4 19 41	5°24'50	16°18	14°32	21° 0	1°21	4°37	27°34	29°39	13° 4	23°32	4° 7	4°31	4°32	n.a.	F 6
S 7	4 23 38	6°26'04	28°54	15°53	22°16	1°57	4°48	27°32	29°42	13° 3	23°31	4° 7	4°27	4°38	n.a.	S 7
S 8	4 27 34	7°27'17	11♓51	17°15	23°31	2°33	4°58	27°30	29°46	13° 3	23°30	4° 7	4°24	4°45	n.a.	S 8
M 9	4 31 31	8°28'29	25°13	18°38	24°46	3° 8	5° 9	27°27	29°49	13° 2	23°29	4° 6	4°21	4°52	n.a.	M 9
T 10	4 35 27	9°29'40	9♈ 3	20° 2	26° 2	3°44	5°20	27°25	29°52	13° 2	23°27	4° 3	4°18	4°59	n.a.	T 10
W11	4 39 24	10°30'50	23°22	21°26	27°17	4°20	5°31	27°23	29°56	13° 1	23°26	3°58	4°15	5° 5	n.a.	W11
T 12	4 43 20	11°31'59	8♉ 9	22°52	28°32	4°56	5°42	27°20	29°59	13° 1	23°25	3°51	4°11	5°12	n.a.	T 12
F 13	4 47 17	12°33'08	23°18	24°18	29°48	5°32	5°54	27°17	0♑ 2	13° 0	23°23	3°40	4° 8	5°19	n.a.	F 13
S 14	4 51 14	13°34'15	8♊39	25°45	1♐ 3	6° 8	6° 5	27°15	0° 6	12°59	23°22	3°29	4° 5	5°26	n.a.	S 14
S 15	4 55 10	14°35'22	24° 0	27°13	2°18	6°44	6°16	27°12	0° 9	12°59	23°21	3°18	4° 2	5°32	n.a.	S 15
M16	4 59 7	15°36'27	9♋10	28°42	3°33	7°20	6°28	27° 9	0°13	12°58	23°19	3° 8	3°59	5°39	n.a.	M16
T 17	5 3 3	16°37'32	23°59	0♐11	4°49	7°56	6°40	27° 6	0°16	12°57	23°18	3° 0	3°56	5°46	n.a.	T 17
W18	5 7 0	17°38'36	8♌21	1°41	6° 4	8°32	6°51	27° 3	0°19	12°57	23°17	2°56	3°52	5°52	n.a.	W18
T 19	5 10 56	18°39'39	22°13	3°12	7°19	9° 9	7° 3	27° 0	0°23	12°56	23°15	2°54	3°49	5°59	n.a.	T 19
F 20	5 14 53	19°40'42	5♍35	4°43	8°34	9°45	7°15	26°56	0°26	12°55	23°14	2°D53	3°46	6° 6	n.a.	F 20
S 21	5 18 50	20°41'43	18°31	6°15	9°49	10°21	7°27	26°53	0°30	12°54	23°12	2°R53	3°43	6°13	n.a.	S 21
S 22	5 22 46	21°42'44	1♎ 5	7°48	11° 5	10°58	7°39	26°50	0°33	12°53	23°11	2°53	3°40	6°19	n.a.	S 22
M23	5 26 43	22°43'44	13°22	9°21	12°20	11°34	7°52	26°46	0°37	12°52	23°10	2°51	3°37	6°26	n.a.	M23
T 24	5 30 39	23°44'42	25°26	10°55	13°35	12°11	8° 4	26°43	0°40	12°51	23° 8	2°46	3°33	6°33	n.a.	T 24
W25	5 34 36	24°45'40	7♏23	12°29	14°50	12°47	8°16	26°39	0°44	12°50	23° 7	2°39	3°30	6°40	n.a.	W25
T 26	5 38 32	25°46'37	19°15	14° 5	16° 5	13°24	8°29	26°35	0°47	12°49	23° 6	2°29	3°27	6°46	n.a.	T 26
F 27	5 42 29	26°47'33	1♐ 6	15°41	17°21	14° 1	8°41	26°32	0°51	12°48	23° 4	2°17	3°24	6°53	n.a.	F 27
S 28	5 46 25	27°48'28	12°58	17°17	18°36	14°37	8°54	26°28	0°54	12°47	23° 3	2° 4	3°21	7° 0	n.a.	S 28
S 29	5 50 22	28°49'21	24°53	18°55	19°51	15°14	9° 6	26°24	0°58	12°46	23° 2	1°51	3°17	7° 6	n.a.	S 29
M30	5 54 19	29°50'13	6♑51	20°33	21° 6	15°51	9°19	26°20	1° 1	12°45	23° 0	1°39	3°14	7°13	n.a.	M30
T 31	5 58 15	0♑51'04	18♑54	22♐12	22♐21	16♓28	9♒32	26♋16	1♑ 5	12♌44	22♊59	1♓29	3♓11	7♐20	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	20s32	27s56	4s53	12s56	1n35	15s52	0n40	12s52	0s42	20s49	1s14	22n 7	1n11	24s13	0s24	18n13	1n 7	27n51	4n11	9s54	9s55	26s20			n.a.
M 2	20 45	28 23	4 35	13 28	1 27	16 17	0 38	12 39	0 41	20 47	1 14	22 7	1 11	24 13	0 24	18 13	1 7	27 51	4 11	9 59	9 56	26 21			n.a.
T 3	20 58	27 31	4 5	13 59	1 19	16 41	0 36	12 25	0 39	20 44	1 14	22 8	1 12	24 13	0 24	18 13	1 7	27 51	4 11	10 3	9 57	26 22			n.a.
W 4	21 10	25 22	3 23	14 31	1 11	17 4	0 33	12 11	0 38	20 41	1 14	22 8	1 12	24 13	0 24	18 14	1 7	27 51	4 12	10 6	9 58	26 23			n.a.
T 5	21 21	22 2	2 32	15 3	1 3	17 28	0 31	11 56	0 36	20 39	1 14	22 9	1 12	24 13	0 24	18 14	1 7	27 51	4 12	10 8	9 59	26 25			n.a.
F 6	21 33	17 40	1 33	15 35	0 55	17 50	0 28	11 42	0 35	20 36	1 13	22 10	1 12	24 13	0 24	18 14	1 7	27 51	4 12	10 9	10 1	26 26			n.a.
S 7	21 44	12 28	0 28	16 6	0 47	18 12	0 26	11 28	0 33	20 33	1 13	22 10	1 13	24 13	0 24	18 14	1 7	27 51	4 12	10 9	10 2	26 27			n.a.
S 8	21 54	6 36	0n41	16 38	0 39	18 34	0 24	11 14	0 32	20 30	1 13	22 11	1 13	24 13	0 24	18 14	1 7	27 51	4 12	10 9	10 3	26 29			n.a.
M 9	22 4	0 16	1 49	17 9	0 31	18 55	0 21	10 59	0 30	20 28	1 13	22 11	1 13	24 13	0 24	18 14	1 7	27 51	4 12	10 10	10 4	26 30			n.a.
T 10	22 14	6n17	2 53	17 39	0 23	19 16	0 19	10 45	0 29	20 25	1 13	22 12	1 13	24 13	0 24	18 15	1 7	27 51	4 12	10 11	10 5	26 31			n.a.
W11	22 23	12 45	3 49	18 9	0 16	19 36	0 16	10 30	0 28	20 22	1 13	22 13	1 13	24 13	0 24	18 15	1 7	27 51	4 12	10 12	10 6	26 32			n.a.
T 12	22 31	18 42	4 31	18 39	0 8	19 56	0 14	10 16	0 26	20 19	1 13	22 14	1 14	24 13	0 24	18 15	1 7	27 51	4 12	10 15	10 8	26 34			n.a.
F 13	22 40	23 39	4 55	19 8	0 1	20 15	0 11	10 1	0 25	20 16	1 13	22 14	1 14	24 13	0 24	18 15	1 7	27 51	4 12	10 19	10 9	26 35			n.a.
S 14	22 47	27 1	4 59	19 37	0s 7	20 33	0 9	9 46	0 24	20 13	1 12	22 15	1 14	24 13	0 24	18 15	1 7	27 51	4 13	10 23	10 10	26 36			n.a.
S 15	22 55	28 22	4 41	20 4	0 14	20 51	0 7	9 31	0 22	20 10	1 12	22 16	1 14	24 13	0 24	18 16	1 7	27 51	4 13	10 27	10 11	26 37			n.a.
M16	23 2	27 33	4 3	20 32	0 21	21 8	0 4	9 17	0 21	20 7	1 12	22 16	1 14	24 13	0 24	18 16	1 7	27 51	4 13	10 31	10 12	26 39			n.a.
T 17	23 8	24 46	3 10	20 58	0 28	21 25	0 2	9 2	0 20	20 4	1 12	22 17	1 14	24 13	0 24	18 16	1 8	27 51	4 13	10 34	10 13	26 40			n.a.
W18	23 14	20 29	2 6	21 23	0 35	21 41	0s 1	8 47	0 18	20 1	1 12	22 18	1 15	24 13	0 24	18 16	1 8	27 51	4 13	10 35	10 15	26 41			n.a.
T 19	23 20	15 13	0 56	21 48	0 41	21 56	0 3	8 32	0 17	19 58	1 12	22 19	1 15	24 13	0 24	18 17	1 8	27 51	4 13	10 36	10 16	26 42			n.a.
F 20	23 25	9 23	0s14	22 12	0 47	22 11	0 6	8 17	0 16	19 54	1 12	22 20	1 15	24 13	0 24	18 17	1 8	27 51	4 13	10 36	10 17	26 44			n.a.
S 21	23 29	3 22	1 22	22 34	0 54	22 25	0 8	8 2	0 15	19 51	1 12	22 20	1 15	24 13	0 24	18 17	1 8	27 51	4 13	10 36	10 18	26 45			n.a.
S 22	23 33	2s37	2 24	22 56	1 0	22 38	0 10	7 47	0 13	19 48	1 12	22 21	1 15	24 13	0 24	18 18	1 8	27 51	4 13	10 36	10 19	26 46			n.a.
M23	23 37	8 22	3 17	23 17	1 5	22 51	0 13	7 31	0 12	19 45	1 11	22 22	1 16	24 13	0 24	18 18	1 8	27 51	4 13	10 37	10 20	26 47			n.a.
T 24	23 40	13 43	4 1	23 36	1 11	23 3	0 15	7 16	0 11	19 41	1 11	22 23	1 16	24 13	0 24	18 18	1 8	27 51	4 13	10 39	10 22	26 48			n.a.
W25	23 43	18 29	4 33	23 55	1 16	23 14	0 18	7 1	0 10	19 38	1 11	22 24	1 16	24 13	0 24	18 19	1 8	27 51	4 13	10 42	10 23	26 49			n.a.
T 26	23 45	22 31	4 54	24 12	1 21	23 25	0 20	6 46	0 9	19 35	1 11	22 25	1 16	24 13	0 24	18 19	1 8	27 51	4 14	10 45	10 24	26 51			n.a.
F 27	23 47	25 37	5 2	24 28	1 26	23 35	0 22	6 30	0 8	19 31	1 11	22 26	1 16	24 13	0 24	18 19	1 8	27 51	4 14	10 50	10 25	26 52			n.a.
S 28	23 48	27 37	4 56	24 42	1 31	23 44	0 25	6 15	0 6	19 28	1 11	22 27	1 16	24 13	0 24	18 20	1 8	27 51	4 14	10 54	10 26	26 53			n.a.
S 29	23 49	28 21	4 38	24 56	1 35	23 52	0 27	5 59	0 5	19 24	1 11	22 28	1 17	24 13	0 24	18 20	1 8	27 51	4 14	10 59	10 27	26 54			n.a.
M30	23 49	27 46	4 8	25 7	1 39	24 0	0 29	5 44	0 4	19 21	1 11	22 29	1 17	24 13	0 24	18 20	1 8	27 51	4 14	11 3	10 29	26 55			n.a.
T 31	23s49	25s51	3s26	25s18	1s43	24s 7	0s31	5s28	0s 3	19s17	1s11	22n29	1n17	24s13	0s24	18n21	1n 8	27n51	4n14	11s 7	10s30	26s56			n.a.

Julian Day Number = 1346280.5, Delta T = 07h11m18s
Ecliptic obliquity = 23°49'11, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'17, Lahiri = -18°08'16 Julian Calendar 1 Dec. 1028 BCE == Greg. Calendar 21 Nov. 1028 BCE

The year -1027 astronomical counting style corresponds to year 1028 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

JANUARY 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 2 12	1♉51'53	1♒ 4	23♐52	23♐36	17♓ 5	9♒45	26°R12	1♉ 8	12°R43	22°R57	1°R22	3♓ 8	7♐27	n.a.	W 1
T 2	6 6 8	2°52'40	13°22	25°32	24°51	17°42	9°58	26♋ 8	1°12	12♌42	22♊56	1♓18	3° 5	7°33	n.a.	T 2
F 3	6 10 5	3°53'26	25°50	27°13	26° 6	18°19	10°11	26° 3	1°15	12°41	22°55	1°D16	3° 2	7°40	n.a.	F 3
S 4	6 14 1	4°54'10	8♓31	28°55	27°21	18°56	10°24	25°59	1°19	12°39	22°53	1°16	2°58	7°47	n.a.	S 4
S 5	6 17 58	5°54'52	21°29	0♉38	28°36	19°33	10°37	25°55	1°22	12°38	22°52	1°17	2°55	7°54	n.a.	S 5
M 6	6 21 55	6°55'32	4♈47	2°22	29°51	20°10	10°50	25°50	1°26	12°37	22°51	1°R18	2°52	8° 0	n.a.	M 6
T 7	6 25 51	7°56'10	18°28	4° 7	1♉ 6	20°47	11° 3	25°46	1°29	12°36	22°49	1°17	2°49	8° 7	n.a.	T 7
W 8	6 29 48	8°56'46	2♉33	5°52	2°22	21°24	11°17	25°42	1°32	12°34	22°48	1°15	2°46	8°14	n.a.	W 8
T 9	6 33 44	9°57'21	17° 2	7°38	3°36	22° 1	11°30	25°37	1°36	12°33	22°47	1°10	2°43	8°20	n.a.	T 9
F 10	6 37 41	10°57'53	1♊51	9°25	4°51	22°38	11°43	25°32	1°39	12°32	22°46	1° 4	2°39	8°27	n.a.	F 10
S 11	6 41 37	11°58'24	16°54	11°13	6° 6	23°15	11°57	25°28	1°43	12°30	22°44	0°56	2°36	8°34	n.a.	S 11
S 12	6 45 34	12°58'53	2♋ 2	13° 2	7°21	23°53	12°10	25°23	1°46	12°29	22°43	0°49	2°33	8°41	n.a.	S 12
M13	6 49 30	13°59'20	17° 4	14°52	8°36	24°30	12°24	25°19	1°50	12°28	22°42	0°42	2°30	8°47	n.a.	M13
T 14	6 53 27	14°59'45	1♌52	16°42	9°51	25° 7	12°37	25°14	1°53	12°26	22°41	0°37	2°27	8°54	n.a.	T 14
W15	6 57 24	16° 0'08	16°18	18°34	11° 6	25°44	12°51	25° 9	1°57	12°25	22°39	0°34	2°23	9° 1	n.a.	W15
T 16	7 1 20	17° 0'30	0♍16	20°26	12°21	26°22	13° 5	25° 5	2° 0	12°23	22°38	0°D33	2°20	9° 7	n.a.	T 16
F 17	7 5 17	18° 0'50	13°47	22°18	13°36	26°59	13°19	25° 0	2° 3	12°22	22°37	0°33	2°17	9°14	n.a.	F 17
S 18	7 9 13	19° 1'08	26°51	24°11	14°51	27°36	13°32	24°55	2° 7	12°20	22°36	0°35	2°14	9°21	n.a.	S 18
S 19	7 13 10	20° 1'25	9♎32	26° 5	16° 6	28°14	13°46	24°50	2°10	12°19	22°34	0°36	2°11	9°28	n.a.	S 19
M20	7 17 6	21° 1'40	21°53	27°59	17°20	28°51	14° 0	24°46	2°14	12°17	22°33	0°R37	2° 8	9°34	n.a.	M20
T 21	7 21 3	22° 1'53	4♏ 0	29°53	18°35	29°28	14°14	24°41	2°17	12°16	22°32	0°36	2° 4	9°41	n.a.	T 21
W22	7 24 59	23° 2'05	15°57	1♒47	19°50	0♈ 6	14°28	24°36	2°20	12°14	22°31	0°33	2° 1	9°48	n.a.	W22
T 23	7 28 56	24° 2'15	27°49	3°41	21° 5	0°43	14°42	24°31	2°24	12°13	22°30	0°29	1°58	9°55	n.a.	T 23
F 24	7 32 53	25° 2'23	9♐40	5°34	22°20	1°20	14°56	24°26	2°27	12°11	22°29	0°24	1°55	10° 1	n.a.	F 24
S 25	7 36 49	26° 2'30	21°34	7°26	23°35	1°58	15°10	24°22	2°30	12°10	22°28	0°17	1°52	10° 8	n.a.	S 25
S 26	7 40 46	27° 2'35	3♉32	9°18	24°49	2°35	15°24	24°17	2°33	12° 8	22°26	0°11	1°49	10°15	n.a.	S 26
M27	7 44 42	28° 2'37	15°37	11° 8	26° 4	3°13	15°38	24°12	2°37	12° 6	22°25	0° 5	1°45	10°21	n.a.	M27
T 28	7 48 39	29° 2'38	27°51	12°56	27°19	3°50	15°52	24° 7	2°40	12° 5	22°24	0° 0	1°42	10°28	n.a.	T 28
W29	7 52 35	0♒ 2'37	10♒14	14°41	28°34	4°28	16° 7	24° 3	2°43	12° 3	22°23	29♒57	1°39	10°35	n.a.	W29
T 30	7 56 32	1° 2'33	22°48	16°24	29°48	5° 5	16°21	23°58	2°46	12° 2	22°22	29°55	1°36	10°42	n.a.	T 30
F 31	8 0 28	2♒ 2'27	5♓33	18♒ 3	1♒ 3	5♈43	16♒35	23♋53	2♉49	12♌ 0	22♊21	29°D55	1♓33	10♐48	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23s48	22s44	2s34	25s26	1s46	24s13	0s33	5s13	0s 2	19s14	1s11	22n30	1n17	24s13	0s24	18n21	1n 8	27n51	4n14	11s 9	10s31	26s57			n.a.
T 2	23 47	18 35	1 34	25 34	1 49	24 19	0 36	4 57	0 1	19 10	1 11	22 31	1 17	24 13	0 24	18 21	1 8	27 51	4 14	11 11	10 32	26 58			n.a.
F 3	23 46	13 34	0 29	25 39	1 52	24 23	0 38	4 42	0n 0	19 6	1 11	22 32	1 17	24 13	0 24	18 22	1 8	27 51	4 14	11 12	10 33	26 59			n.a.
S 4	23 44	7 54	0n39	25 43	1 54	24 27	0 40	4 26	0 1	19 3	1 11	22 33	1 18	24 13	0 24	18 22	1 8	27 51	4 14	11 12	10 34	27 1			n.a.
S 5	23 41	1 48	1 46	25 45	1 56	24 31	0 42	4 10	0 2	18 59	1 10	22 34	1 18	24 13	0 24	18 22	1 8	27 51	4 14	11 11	10 36	27 2			n.a.
M 6	23 38	4n31	2 50	25 46	1 58	24 33	0 44	3 55	0 3	18 55	1 10	22 35	1 18	24 13	0 24	18 23	1 8	27 51	4 14	11 11	10 37	27 3			n.a.
T 7	23 35	10 49	3 45	25 44	1 59	24 35	0 46	3 39	0 4	18 51	1 10	22 36	1 18	24 13	0 24	18 23	1 8	27 51	4 14	11 11	10 38	27 4			n.a.
W 8	23 31	16 45	4 29	25 41	2 0	24 36	0 48	3 23	0 5	18 48	1 10	22 37	1 18	24 13	0 24	18 24	1 8	27 51	4 14	11 12	10 39	27 5			n.a.
T 9	23 26	21 56	4 57	25 36	2 0	24 36	0 50	3 7	0 6	18 44	1 10	22 38	1 18	24 13	0 24	18 24	1 8	27 51	4 14	11 14	10 40	27 6			n.a.
F 10	23 21	25 51	5 7	25 29	2 0	24 35	0 52	2 52	0 7	18 40	1 10	22 39	1 18	24 13	0 24	18 24	1 8	27 51	4 14	11 16	10 41	27 7			n.a.
S 11	23 16	28 3	4 55	25 19	2 0	24 34	0 54	2 36	0 8	18 36	1 10	22 40	1 19	24 13	0 24	18 25	1 9	27 51	4 14	11 19	10 43	27 8			n.a.
S 12	23 10	28 11	4 23	25 8	1 59	24 32	0 55	2 20	0 9	18 32	1 10	22 41	1 19	24 12	0 24	18 25	1 9	27 51	4 14	11 22	10 44	27 9			n.a.
M13	23 4	26 13	3 32	24 55	1 57	24 29	0 57	2 4	0 10	18 28	1 10	22 42	1 19	24 12	0 24	18 26	1 9	27 51	4 14	11 24	10 45	27 10			n.a.
T 14	22 58	22 28	2 28	24 39	1 55	24 26	0 59	1 48	0 11	18 24	1 10	22 43	1 19	24 12	0 24	18 26	1 9	27 51	4 14	11 26	10 46	27 11			n.a.
W15	22 51	17 25	1 16	24 22	1 52	24 21	1 1	1 33	0 12	18 20	1 10	22 44	1 19	24 12	0 24	18 27	1 9	27 51	4 15	11 27	10 47	27 12			n.a.
T 16	22 43	11 35	0 1	24 2	1 49	24 16	1 2	1 17	0 12	18 16	1 10	22 45	1 19	24 12	0 24	18 27	1 9	27 51	4 15	11 27	10 48	27 13			n.a.
F 17	22 35	5 23	1s11	23 40	1 45	24 10	1 4	1 1	0 13	18 12	1 10	22 46	1 19	24 12	0 24	18 28	1 9	27 51	4 15	11 27	10 50	27 14			n.a.
S 18	22 27	0s50	2 18	23 16	1 41	24 4	1 5	0 45	0 14	18 8	1 10	22 47	1 19	24 12	0 24	18 28	1 9	27 51	4 15	11 26	10 51	27 15			n.a.
S 19	22 18	6 49	3 15	22 50	1 36	23 56	1 7	0 29	0 15	18 4	1 10	22 48	1 19	24 12	0 24	18 28	1 9	27 51	4 15	11 26	10 52	27 16			n.a.
M20	22 9	12 24	4 2	22 22	1 30	23 48	1 8	0 13	0 16	18 0	1 10	22 49	1 20	24 12	0 24	18 29	1 9	27 51	4 15	11 26	10 53	27 17			n.a.
T 21	21 59	17 24	4 38	21 52	1 24	23 39	1 10	0n 2	0 17	17 56	1 10	22 50	1 20	24 12	0 24	18 29	1 9	27 51	4 15	11 26	10 54	27 18			n.a.
W22	21 49	21 39	5 0	21 20	1 17	23 30	1 11	0 18	0 17	17 52	1 10	22 51	1 20	24 12	0 24	18 30	1 9	27 50	4 15	11 27	10 55	27 19			n.a.
T 23	21 39	25 1	5 10	20 45	1 9	23 19	1 12	0 34	0 18	17 47	1 10	22 52	1 20	24 12	0 24	18 30	1 9	27 50	4 15	11 29	10 56	27 20			n.a.
F 24	21 28	27 18	5 6	20 10	1 1	23 8	1 13	0 50	0 19	17 43	1 10	22 53	1 20	24 12	0 24	18 31	1 9	27 50	4 15	11 31	10 58	27 20			n.a.
S 25	21 17	28 22	4 49	19 32	0 52	22 57	1 14	1 6	0 20	17 39	1 10	22 54	1 20	24 12	0 24	18 31	1 9	27 50	4 15	11 33	10 59	27 21			n.a.
S 26	21 5	28 6	4 20	18 53	0 42	22 44	1 16	1 22	0 21	17 35	1 10	22 55	1 20	24 12	0 24	18 32	1 9	27 50	4 15	11 35	11 0	27 22			n.a.
M27	20 53	26 30	3 38	18 13	0 31	22 31	1 17	1 37	0 21	17 30	1 10	22 56	1 20	24 12	0 24	18 32	1 9	27 50	4 15	11 37	11 1	27 23			n.a.
T 28	20 41	23 38	2 46	17 31	0 20	22 18	1 18	1 53	0 22	17 26	1 10	22 57	1 20	24 12	0 24	18 33	1 9	27 50	4 15	11 39	11 2	27 24			n.a.
W29	20 28	19 39	1 46	16 49	0 8	22 3	1 19	2 9	0 23	17 22	1 9	22 58	1 20	24 12	0 24	18 33	1 9	27 50	4 15	11 40	11 3	27 25			n.a.
T 30	20 15	14 45	0 39	16 7	0n 4	21 48	1 19	2 25	0 24	17 17	1 9	22 59	1 20	24 12	0 24	18 34	1 9	27 50	4 15	11 41	11 5	27 26			n.a.
F 31	20s 1	9s 9	0n31	15s24	0n17	21s33	1s20	2n41	0n24	17s13	1s 9	23n 0	1n21	24s12	0s24	18n34	1n 9	27n50	4n15	11s41	11s 6	27s27			n.a.

Julian Day Number = 1346311.5, Delta T = 07h11m16s
Ecliptic obliquity = 23°49'11, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'12, Lahiri = -18°08'12 Julian Calendar 1 Jan. 1027 BCE == Greg. Calendar 22 Dec. 1028 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

FEBRUARY 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 25	3♒ 2'19	18♓31	19♒38	2♒18	6♈20	16♒49	23°R48	2♑53	11°R58	22°R20	29♒56	1♓29	10♐55	n.a.	S 1
S 2	8 8 22	4° 2'09	1♈43	21° 9	3°32	6°58	17° 3	23♋44	2°56	11♌57	22♊19	29°58	1°26	11° 2	n.a.	S 2
M 3	8 12 18	5° 1'56	15°10	22°35	4°47	7°35	17°18	23°39	2°59	11°55	22°18	29°59	1°23	11° 9	n.a.	M 3
T 4	8 16 15	6° 1'41	28°52	23°56	6° 2	8°13	17°32	23°34	3° 2	11°53	22°17	0♓ 0	1°20	11°15	n.a.	T 4
W 5	8 20 11	7° 1'24	12♉51	25°11	7°16	8°51	17°46	23°30	3° 5	11°52	22°16	0°R 0	1°17	11°22	n.a.	W 5
T 6	8 24 8	8° 1'04	27° 5	26°19	8°31	9°28	18° 1	23°25	3° 8	11°50	22°16	29♒59	1°14	11°29	n.a.	T 6
F 7	8 28 4	9° 0'42	11♊33	27°20	9°45	10° 6	18°15	23°21	3°11	11°48	22°15	29°57	1°10	11°35	n.a.	F 7
S 8	8 32 1	10° 0'17	26°10	28°15	11° 0	10°43	18°29	23°16	3°14	11°47	22°14	29°55	1° 7	11°42	n.a.	S 8
S 9	8 35 57	10°59'50	10♋51	29° 1	12°15	11°21	18°44	23°12	3°17	11°45	22°13	29°52	1° 4	11°49	n.a.	S 9
M10	8 39 54	11°59'20	25°29	29°40	13°29	11°59	18°58	23° 7	3°20	11°43	22°12	29°50	1° 1	11°56	n.a.	M10
T 11	8 43 51	12°58'49	9♌58	0♓11	14°44	12°36	19°13	23° 3	3°23	11°42	22°11	29°48	0°58	12° 2	n.a.	T 11
W12	8 47 47	13°58'15	24°11	0°34	15°58	13°14	19°27	22°59	3°26	11°40	22°11	29°D48	0°55	12° 9	n.a.	W12
T 13	8 51 44	14°57'39	8♍ 4	0°49	17°13	13°51	19°41	22°54	3°28	11°38	22°10	29°48	0°51	12°16	n.a.	T 13
F 14	8 55 40	15°57'00	21°34	0°R56	18°27	14°29	19°56	22°50	3°31	11°37	22° 9	29°48	0°48	12°22	n.a.	F 14
S 15	8 59 37	16°56'20	4♎42	0°55	19°42	15° 6	20°10	22°46	3°34	11°35	22° 8	29°50	0°45	12°29	n.a.	S 15
S 16	9 3 33	17°55'38	17°27	0°46	20°56	15°44	20°25	22°42	3°37	11°33	22° 8	29°51	0°42	12°36	n.a.	S 16
M17	9 7 30	18°54'54	29°53	0°30	22°10	16°22	20°39	22°38	3°39	11°32	22° 7	29°52	0°39	12°43	n.a.	M17
T 18	9 11 26	19°54'08	12♏ 4	0° 7	23°25	16°59	20°54	22°34	3°42	11°30	22° 6	29°52	0°35	12°49	n.a.	T 18
W19	9 15 23	20°53'20	24° 4	29♒38	24°39	17°37	21° 8	22°30	3°45	11°29	22° 6	29°R52	0°32	12°56	n.a.	W19
T 20	9 19 19	21°52'30	5♐58	29° 4	25°54	18°15	21°22	22°26	3°47	11°27	22° 5	29°52	0°29	13° 3	n.a.	T 20
F 21	9 23 16	22°51'38	17°50	28°24	27° 8	18°52	21°37	22°22	3°50	11°25	22° 5	29°51	0°26	13°10	n.a.	F 21
S 22	9 27 13	23°50'45	29°45	27°41	28°22	19°30	21°51	22°19	3°53	11°24	22° 4	29°51	0°23	13°16	n.a.	S 22
S 23	9 31 9	24°49'49	11♑46	26°55	29°37	20° 7	22° 6	22°15	3°55	11°22	22° 4	29°50	0°20	13°23	n.a.	S 23
M24	9 35 6	25°48'51	23°58	26° 6	0♓51	20°45	22°20	22°11	3°58	11°20	22° 3	29°49	0°16	13°30	n.a.	M24
T 25	9 39 2	26°47'52	6♒21	25°17	2° 5	21°23	22°35	22° 8	4° 0	11°19	22° 3	29°49	0°13	13°36	n.a.	T 25
W26	9 42 59	27°46'50	18°59	24°28	3°19	22° 0	22°49	22° 4	4° 2	11°17	22° 2	29°49	0°10	13°43	n.a.	W26
T 27	9 46 55	28°45'46	1♓52	23°40	4°34	22°38	23° 3	22° 1	4° 5	11°16	22° 2	29°D49	0° 7	13°50	n.a.	T 27
F 28	9 50 52	29♒44'40	14♓59	22♒53	5♓48	23♈16	23♒18	21♋58	4♑ 7	11♌14	22♊ 1	29°R49	0♓ 4	13♐57	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s47	3s 4	1n40	14s41	0n30	21s16	1s21	2n56	0n25	17s 9	1s 9	23n 0	1n21	24s12	0s24	18n35	1n 9	27n50	4n15	11s40	11s 7	27s28		n.a.
S 2	19 33	3n13	2 46	13 59	0 44	21 0	1 22	3 12	0 26	17 4	1 9	23 1	1 21	24 12	0 24	18 35	1 9	27 50	4 15	11 40	11 8	27 28		n.a.
M 3	19 19	9 29	3 43	13 18	0 57	20 42	1 22	3 28	0 27	17 0	1 9	23 2	1 21	24 11	0 24	18 36	1 9	27 50	4 15	11 39	11 9	27 29		n.a.
T 4	19 4	15 26	4 29	12 38	1 12	20 24	1 23	3 44	0 27	16 55	1 9	23 3	1 21	24 11	0 24	18 36	1 9	27 50	4 15	11 39	11 10	27 30		n.a.
W 5	18 49	20 42	5 1	11 59	1 26	20 5	1 23	3 59	0 28	16 51	1 9	23 4	1 21	24 11	0 24	18 37	1 9	27 50	4 15	11 39	11 11	27 31		n.a.
T 6	18 33	24 54	5 14	11 23	1 40	19 46	1 24	4 15	0 29	16 46	1 9	23 5	1 21	24 11	0 24	18 37	1 9	27 50	4 15	11 39	11 13	27 32		n.a.
F 7	18 17	27 37	5 8	10 48	1 54	19 26	1 24	4 30	0 29	16 42	1 9	23 6	1 21	24 11	0 24	18 37	1 9	27 50	4 15	11 40	11 14	27 33		n.a.
S 8	18 1	28 28	4 42	10 17	2 8	19 6	1 24	4 46	0 30	16 37	1 9	23 6	1 21	24 11	0 24	18 38	1 9	27 49	4 15	11 41	11 15	27 33		n.a.
S 9	17 45	27 19	3 58	9 48	2 21	18 45	1 25	5 2	0 31	16 33	1 9	23 7	1 21	24 11	0 24	18 38	1 9	27 49	4 15	11 42	11 16	27 34		n.a.
M10	17 28	24 18	2 58	9 22	2 34	18 24	1 25	5 17	0 31	16 28	1 9	23 8	1 21	24 11	0 24	18 39	1 9	27 49	4 15	11 43	11 17	27 35		n.a.
T 11	17 11	19 45	1 47	9 0	2 46	18 2	1 25	5 33	0 32	16 24	1 10	23 9	1 21	24 11	0 25	18 39	1 9	27 49	4 15	11 43	11 18	27 36		n.a.
W12	16 54	14 9	0 31	8 41	2 58	17 39	1 25	5 48	0 33	16 19	1 10	23 10	1 21	24 11	0 25	18 40	1 9	27 49	4 15	11 43	11 19	27 36		n.a.
T 13	16 36	7 58	0s46	8 26	3 8	17 16	1 25	6 3	0 33	16 15	1 10	23 10	1 21	24 11	0 25	18 40	1 9	27 49	4 15	11 43	11 21	27 37		n.a.
F 14	16 18	1 36	1 57	8 15	3 17	16 53	1 25	6 19	0 34	16 10	1 10	23 11	1 21	24 11	0 25	18 41	1 9	27 49	4 15	11 43	11 22	27 38		n.a.
S 15	16 0	4s39	3 1	8 8	3 25	16 29	1 25	6 34	0 34	16 5	1 10	23 12	1 21	24 11	0 25	18 41	1 9	27 49	4 15	11 43	11 23	27 39		n.a.
S 16	15 42	10 33	3 54	8 4	3 32	16 5	1 25	6 49	0 35	16 1	1 10	23 13	1 21	24 11	0 25	18 42	1 9	27 49	4 15	11 42	11 24	27 39		n.a.
M17	15 23	15 52	4 34	8 5	3 38	15 40	1 25	7 5	0 36	15 56	1 10	23 13	1 21	24 11	0 25	18 42	1 9	27 49	4 15	11 42	11 25	27 40		n.a.
T 18	15 5	20 28	5 1	8 10	3 41	15 15	1 24	7 20	0 36	15 51	1 10	23 14	1 21	24 11	0 25	18 43	1 9	27 49	4 14	11 42	11 26	27 41		n.a.
W19	14 46	24 10	5 15	8 18	3 43	14 50	1 24	7 35	0 37	15 47	1 10	23 15	1 21	24 11	0 25	18 43	1 9	27 49	4 14	11 42	11 27	27 42		n.a.
T 20	14 26	26 48	5 15	8 30	3 44	14 24	1 23	7 50	0 37	15 42	1 10	23 15	1 21	24 11	0 25	18 44	1 9	27 49	4 14	11 42	11 29	27 42		n.a.
F 21	14 7	28 15	5 1	8 45	3 42	13 57	1 23	8 5	0 38	15 37	1 10	23 16	1 21	24 11	0 25	18 44	1 9	27 49	4 14	11 42	11 30	27 43		n.a.
S 22	13 47	28 24	4 35	9 3	3 39	13 31	1 22	8 20	0 38	15 33	1 10	23 17	1 21	24 10	0 25	18 45	1 9	27 49	4 14	11 42	11 31	27 44		n.a.
S 23	13 27	27 12	3 56	9 24	3 34	13 4	1 22	8 35	0 39	15 28	1 10	23 17	1 21	24 10	0 25	18 45	1 9	27 49	4 14	11 43	11 32	27 44		n.a.
M24	13 7	24 42	3 6	9 46	3 27	12 36	1 21	8 50	0 40	15 23	1 10	23 18	1 21	24 10	0 25	18 46	1 9	27 48	4 14	11 43	11 33	27 45		n.a.
T 25	12 47	21 1	2 6	10 11	3 19	12 9	1 20	9 5	0 40	15 18	1 10	23 18	1 21	24 10	0 25	18 46	1 9	27 48	4 14	11 43	11 34	27 46		n.a.
W26	12 26	16 19	1 0	10 37	3 9	11 41	1 20	9 20	0 41	15 14	1 10	23 19	1 21	24 10	0 25	18 46	1 9	27 48	4 14	11 43	11 35	27 46		n.a.
T 27	12 5	10 48	0n11	11 3	2 58	11 12	1 19	9 35	0 41	15 9	1 10	23 20	1 21	24 10	0 25	18 47	1 9	27 48	4 14	11 43	11 37	27 47		n.a.
F 28	11s44	4s44	1n23	11s30	2n45	10s44	1s18	9n49	0n42	15s 4	1s10	23n20	1n21	24s10	0s25	18n47	1n 9	27n48	4n14	11s43	11s38	27s48		n.a.

Julian Day Number = 1346342.5, Delta T = 07h11m15s
Ecliptic obliquity = 23°49'11, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'08, Lahiri = -18°08'08 Julian Calendar 1 Feb. 1027 BCE == Greg. Calendar 22 Jan. 1027 BCE

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

MARCH 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 54 48	0♓43'32	28♓22	22°R 9	7♓ 2	23♈53	23♒32	21°R54	4♑ 9	11°R13	22°R 1	29°R49	0♓ 0	14♐ 3	n.a.	S 1
S 2	9 58 45	1°42'21	11♈57	21♒28	8°16	24°31	23°47	21♋51	4°12	11♌11	22♊ 1	29♒48	29♒57	14°10	n.a.	S 2
M 3	10 2 41	2°41'08	25°44	20°51	9°31	25° 8	24° 1	21°48	4°14	11°10	22° 0	29°48	29°54	14°17	n.a.	M 3
T 4	10 6 38	3°39'53	9♉41	20°19	10°45	25°46	24°15	21°45	4°16	11° 8	22° 0	29°48	29°51	14°23	n.a.	T 4
W 5	10 10 35	4°38'35	23°46	19°51	11°59	26°24	24°30	21°42	4°18	11° 7	22° 0	29°48	29°48	14°30	n.a.	W 5
T 6	10 14 31	5°37'15	7♊58	19°28	13°13	27° 1	24°44	21°40	4°20	11° 5	21°59	29°D48	29°45	14°37	n.a.	T 6
F 7	10 18 28	6°35'53	22°12	19°11	14°27	27°39	24°58	21°37	4°22	11° 4	21°59	29°48	29°41	14°44	n.a.	F 7
S 8	10 22 24	7°34'28	6♋28	18°58	15°41	28°17	25°12	21°34	4°24	11° 2	21°59	29°48	29°38	14°50	n.a.	S 8
S 9	10 26 21	8°33'01	20°42	18°51	16°55	28°54	25°27	21°32	4°26	11° 1	21°59	29°49	29°35	14°57	n.a.	S 9
M10	10 30 17	9°31'32	4♌52	18°D49	18° 9	29°32	25°41	21°29	4°28	10°59	21°59	29°50	29°32	15° 4	n.a.	M10
T 11	10 34 14	10°30'00	18°52	18°53	19°23	0♍10	25°55	21°27	4°30	10°58	21°59	29°50	29°29	15°10	n.a.	T 11
W12	10 38 10	11°28'27	2♍41	19° 1	20°37	0°47	26° 9	21°25	4°32	10°56	21°59	29°R50	29°26	15°17	n.a.	W12
T 13	10 42 7	12°26'51	16°16	19°15	21°51	1°25	26°23	21°23	4°34	10°55	21°59	29°50	29°22	15°24	n.a.	T 13
F 14	10 46 4	13°25'13	29°34	19°33	23° 5	2° 2	26°37	21°21	4°36	10°54	21°58	29°49	29°19	15°31	n.a.	F 14
S 15	10 50 0	14°23'33	12♎34	19°56	24°19	2°40	26°51	21°19	4°37	10°52	21°D58	29°47	29°16	15°37	n.a.	S 15
S 16	10 53 57	15°21'51	25°17	20°23	25°33	3°18	27° 6	21°17	4°39	10°51	21°58	29°45	29°13	15°44	n.a.	S 16
M17	10 57 53	16°20'08	7♏43	20°54	26°47	3°55	27°20	21°15	4°41	10°50	21°59	29°43	29°10	15°51	n.a.	M17
T 18	11 1 50	17°18'23	19°55	21°30	28° 1	4°33	27°34	21°13	4°42	10°49	21°59	29°40	29° 6	15°58	n.a.	T 18
W19	11 5 46	18°16'36	1♐57	22° 9	29°15	5°10	27°47	21°12	4°44	10°47	21°59	29°39	29° 3	16° 4	n.a.	W19
T 20	11 9 43	19°14'48	13°52	22°52	0♈28	5°48	28° 1	21°10	4°45	10°46	21°59	29°38	29° 0	16°11	n.a.	T 20
F 21	11 13 39	20°12'58	25°44	23°39	1°42	6°26	28°15	21° 9	4°47	10°45	21°59	29°D38	28°57	16°18	n.a.	F 21
S 22	11 17 36	21°11'07	7♑40	24°29	2°56	7° 3	28°29	21° 8	4°48	10°44	21°59	29°39	28°54	16°24	n.a.	S 22
S 23	11 21 32	22° 9'13	19°42	25°22	4°10	7°41	28°43	21° 7	4°49	10°43	21°59	29°40	28°51	16°31	n.a.	S 23
M24	11 25 29	23° 7'19	1♒57	26°19	5°24	8°18	28°57	21° 6	4°51	10°41	22° 0	29°42	28°47	16°38	n.a.	M24
T 25	11 29 26	24° 5'22	14°26	27°19	6°37	8°56	29°11	21° 5	4°52	10°40	22° 0	29°43	28°44	16°45	n.a.	T 25
W26	11 33 22	25° 3'24	27°15	28°21	7°51	9°34	29°24	21° 4	4°53	10°39	22° 0	29°R44	28°41	16°51	n.a.	W26
T 27	11 37 19	26° 1'25	10♓23	29°26	9° 5	10°11	29°38	21° 3	4°54	10°38	22° 0	29°44	28°38	16°58	n.a.	T 27
F 28	11 41 15	26°59'23	23°52	0♓34	10°18	10°49	29°51	21° 2	4°55	10°37	22° 1	29°42	28°35	17° 5	n.a.	F 28
S 29	11 45 12	27°57'20	7♈39	1°45	11°32	11°26	0♓ 5	21° 2	4°57	10°36	22° 1	29°39	28°32	17°11	n.a.	S 29
S 30	11 49 8	28°55'16	21°42	2°58	12°46	12° 4	0°19	21° 1	4°58	10°35	22° 1	29°35	28°28	17°18	n.a.	S 30
M31	11 53 5	29♓53'09	5♉57	4♓13	13♈59	12♉42	0♓32	21♋ 1	4♑59	10♌34	22♊ 2	29♒31	28♒25	17♐25	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s23	1n39	2n32	11s57	2n32	10s15	1s17	10n 4	0n42	14s59	1s10	23n21	1n21	24s10	0s25	18n48	1n 9	27n48	4n14	11s43	11s39	27s48		n.a.
S 2	11 2	8 3	3 33	12 24	2 18	9 46	1 16	10 18	0 43	14 55	1 10	23 21	1 21	24 10	0 25	18 48	1 9	27 48	4 14	11 43	11 40	27 49		n.a.
M 3	10 41	14 10	4 23	12 50	2 3	9 17	1 15	10 33	0 43	14 50	1 10	23 22	1 21	24 10	0 25	18 49	1 9	27 48	4 14	11 43	11 41	27 50		n.a.
T 4	10 19	19 38	4 58	13 15	1 48	8 47	1 13	10 47	0 44	14 45	1 10	23 22	1 21	24 10	0 25	18 49	1 9	27 48	4 14	11 43	11 42	27 50		n.a.
W 5	9 58	24 5	5 15	13 38	1 32	8 17	1 12	11 2	0 44	14 40	1 10	23 23	1 21	24 10	0 25	18 49	1 9	27 48	4 14	11 43	11 43	27 51		n.a.
T 6	9 36	27 8	5 14	14 0	1 17	7 47	1 11	11 16	0 45	14 35	1 10	23 23	1 21	24 10	0 25	18 50	1 9	27 48	4 14	11 43	11 44	27 51		n.a.
F 7	9 14	28 28	4 53	14 21	1 1	7 17	1 10	11 30	0 45	14 31	1 11	23 23	1 21	24 10	0 25	18 50	1 9	27 48	4 14	11 43	11 46	27 52		n.a.
S 8	8 52	27 53	4 14	14 39	0 45	6 47	1 8	11 44	0 46	14 26	1 11	23 24	1 21	24 10	0 25	18 51	1 9	27 48	4 14	11 43	11 47	27 52		n.a.
S 9	8 30	25 29	3 20	14 56	0 30	6 16	1 7	11 58	0 46	14 21	1 11	23 24	1 21	24 10	0 25	18 51	1 9	27 48	4 14	11 43	11 48	27 53		n.a.
M10	8 7	21 31	2 14	15 11	0 15	5 45	1 5	12 12	0 46	14 16	1 11	23 25	1 21	24 10	0 25	18 51	1 9	27 48	4 14	11 43	11 49	27 54		n.a.
T 11	7 45	16 22	1 0	15 23	0 1	5 14	1 4	12 26	0 47	14 11	1 11	23 25	1 21	24 10	0 25	18 52	1 9	27 48	4 14	11 42	11 50	27 54		n.a.
W12	7 22	10 26	0s16	15 34	0s13	4 43	1 2	12 40	0 47	14 7	1 11	23 25	1 21	24 10	0 25	18 52	1 9	27 48	4 14	11 42	11 51	27 55		n.a.
T 13	7 0	4 8	1 30	15 43	0 27	4 12	1 1	12 54	0 48	14 2	1 11	23 26	1 21	24 10	0 25	18 53	1 9	27 48	4 14	11 43	11 52	27 55		n.a.
F 14	6 37	2s13	2 37	15 49	0 40	3 41	0 59	13 7	0 48	13 57	1 11	23 26	1 21	24 10	0 25	18 53	1 9	27 48	4 14	11 43	11 54	27 56		n.a.
S 15	6 14	8 20	3 35	15 54	0 52	3 10	0 57	13 21	0 49	13 52	1 11	23 26	1 21	24 10	0 25	18 53	1 9	27 47	4 14	11 44	11 55	27 56		n.a.
S 16	5 51	13 57	4 20	15 56	1 4	2 38	0 55	13 35	0 49	13 47	1 11	23 26	1 21	24 9	0 25	18 54	1 9	27 47	4 14	11 44	11 56	27 57		n.a.
M17	5 28	18 54	4 52	15 56	1 15	2 7	0 54	13 48	0 50	13 42	1 11	23 27	1 21	24 9	0 25	18 54	1 9	27 47	4 14	11 45	11 57	27 57		n.a.
T 18	5 5	22 58	5 11	15 54	1 25	1 35	0 52	14 1	0 50	13 38	1 11	23 27	1 21	24 9	0 25	18 54	1 9	27 47	4 14	11 46	11 58	27 58		n.a.
W19	4 42	26 1	5 15	15 51	1 35	1 4	0 50	14 15	0 50	13 33	1 11	23 27	1 21	24 9	0 25	18 55	1 9	27 47	4 13	11 47	11 59	27 58		n.a.
T 20	4 19	27 53	5 5	15 45	1 44	0 32	0 48	14 28	0 51	13 28	1 12	23 27	1 21	24 9	0 25	18 55	1 9	27 47	4 13	11 47	12 0	27 59		n.a.
F 21	3 56	28 28	4 43	15 37	1 53	0 1	0 46	14 41	0 51	13 23	1 12	23 28	1 21	24 9	0 25	18 55	1 9	27 47	4 13	11 47	12 1	27 59		n.a.
S 22	3 33	27 44	4 8	15 27	2 1	0n31	0 44	14 54	0 52	13 18	1 12	23 28	1 21	24 9	0 25	18 56	1 9	27 47	4 13	11 47	12 3	28 0		n.a.
S 23	3 10	25 41	3 23	15 16	2 8	1 3	0 42	15 6	0 52	13 14	1 12	23 28	1 21	24 9	0 25	18 56	1 9	27 47	4 13	11 46	12 4	28 0		n.a.
M24	2 46	22 25	2 27	15 2	2 14	1 34	0 40	15 19	0 52	13 9	1 12	23 28	1 21	24 9	0 26	18 56	1 9	27 47	4 13	11 45	12 5	28 1		n.a.
T 25	2 23	18 5	1 23	14 47	2 20	2 6	0 37	15 32	0 53	13 4	1 12	23 28	1 21	24 9	0 26	18 57	1 9	27 47	4 13	11 45	12 6	28 1		n.a.
W26	2 0	12 50	0 14	14 30	2 25	2 37	0 35	15 44	0 53	12 59	1 12	23 28	1 21	24 9	0 26	18 57	1 9	27 47	4 13	11 45	12 7	28 1		n.a.
T 27	1 36	6 54	0n58	14 11	2 30	3 9	0 33	15 57	0 53	12 54	1 12	23 28	1 21	24 9	0 26	18 57	1 9	27 47	4 13	11 45	12 8	28 2		n.a.
F 28	1 13	0 31	2 8	13 50	2 33	3 40	0 31	16 9	0 54	12 50	1 12	23 28	1 21	24 9	0 26	18 57	1 9	27 47	4 13	11 45	12 9	28 2		n.a.
S 29	0 50	6n 2	3 13	13 27	2 37	4 12	0 29	16 22	0 54	12 45	1 13	23 28	1 21	24 9	0 26	18 58	1 9	27 47	4 13	11 47	12 10	28 3		n.a.
S 30	0 26	12 23	4 7	13 3	2 39	4 43	0 26	16 34	0 54	12 40	1 13	23 28	1 21	24 9	0 26	18 58	1 9	27 47	4 13	11 48	12 12	28 3		n.a.
M31	0s 3	18n12	4n46	12s37	2s41	5n14	0s24	16n46	0n55	12s35	1s13	23n28	1n20	24s 9	0s26	18n58	1n 9	27n47	4n13	11s49	12s13	28s 3		n.a.

Julian Day Number = 1346370.5, Delta T = 07h11m13s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'04, Lahiri = -18°08'04 Julian Calendar 1 March 1027 BCE == Greg. Calendar 19 Feb. 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

APRIL 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 1	0♈51'01	20♉18	5♓31	15♈13	13♉19	0♓45	21°R 1	5♑ 0	10°R33	22♊ 2	29°R26	28♒22	17♐32	n.a.	T 1
W 2	12 0 58	1°48'51	4♊41	6°51	16°27	13°57	0°59	21♋ 1	5° 0	10♎32	22° 3	29♒23	28°19	17°38	n.a.	W 2
T 3	12 4 55	2°46'39	19° 1	8°14	17°40	14°34	1°12	21°D 1	5° 1	10°31	22° 3	29°21	28°16	17°45	n.a.	T 3
F 4	12 8 51	3°44'25	3♋14	9°38	18°54	15°12	1°25	21° 1	5° 2	10°31	22° 4	29°D20	28°12	17°52	n.a.	F 4
S 5	12 12 48	4°42'09	17°20	11° 5	20° 7	15°50	1°39	21° 1	5° 3	10°30	22° 4	29°21	28° 9	17°58	n.a.	S 5
S 6	12 16 44	5°39'52	1♌15	12°35	21°21	16°27	1°52	21° 1	5° 3	10°29	22° 5	29°22	28° 6	18° 5	n.a.	S 6
M 7	12 20 41	6°37'32	15° 1	14° 6	22°34	17° 5	2° 5	21° 2	5° 4	10°28	22° 5	29°23	28° 3	18°12	n.a.	M 7
T 8	12 24 37	7°35'11	28°35	15°39	23°48	17°42	2°18	21° 2	5° 5	10°27	22° 6	29°R24	28° 0	18°19	n.a.	T 8
W 9	12 28 34	8°32'48	11♍58	17°15	25° 1	18°20	2°31	21° 3	5° 5	10°27	22° 7	29°23	27°57	18°25	n.a.	W 9
T 10	12 32 30	9°30'24	25°10	18°53	26°14	18°57	2°44	21° 4	5° 6	10°26	22° 7	29°21	27°53	18°32	n.a.	T 10
F 11	12 36 27	10°27'58	8♎ 9	20°33	27°28	19°35	2°57	21° 4	5° 6	10°25	22° 8	29°16	27°50	18°39	n.a.	F 11
S 12	12 40 24	11°25'30	20°54	22°15	28°41	20°13	3° 9	21° 5	5° 7	10°25	22° 9	29°10	27°47	18°45	n.a.	S 12
S 13	12 44 20	12°23'02	3♏27	23°59	29°54	20°50	3°22	21° 6	5° 7	10°24	22° 9	29° 3	27°44	18°52	n.a.	S 13
M14	12 48 17	13°20'32	15°47	25°45	1♉ 8	21°28	3°35	21° 7	5° 7	10°24	22°10	28°55	27°41	18°59	n.a.	M14
T 15	12 52 13	14°18'01	27°56	27°33	2°21	22° 5	3°47	21° 9	5° 7	10°23	22°11	28°47	27°37	19° 6	n.a.	T 15
W16	12 56 10	15°15'29	9♐56	29°24	3°34	22°43	4° 0	21°10	5° 8	10°22	22°12	28°41	27°34	19°12	n.a.	W16
T 17	13 0 6	16°12'56	21°50	1♈16	4°47	23°20	4°12	21°11	5° 8	10°22	22°12	28°36	27°31	19°19	n.a.	T 17
F 18	13 4 3	17°10'23	3♑42	3°11	6° 1	23°58	4°25	21°13	5° 8	10°22	22°13	28°33	27°28	19°26	n.a.	F 18
S 19	13 7 59	18° 7'48	15°36	5° 8	7°14	24°35	4°37	21°15	5° 8	10°21	22°14	28°D32	27°25	19°32	n.a.	S 19
S 20	13 11 56	19° 5'12	27°37	7° 6	8°27	25°13	4°49	21°16	5°R 8	10°21	22°15	28°32	27°22	19°39	n.a.	S 20
M21	13 15 53	20° 2'36	9♒51	9° 7	9°40	25°51	5° 2	21°18	5° 8	10°20	22°16	28°33	27°18	19°46	n.a.	M21
T 22	13 19 49	20°59'58	22°22	11° 9	10°53	26°28	5°14	21°20	5° 8	10°20	22°17	28°R34	27°15	19°53	n.a.	T 22
W23	13 23 46	21°57'20	5♓14	13°14	12° 6	27° 6	5°26	21°22	5° 8	10°20	22°18	28°34	27°12	19°59	n.a.	W23
T 24	13 27 42	22°54'41	18°31	15°19	13°19	27°43	5°38	21°24	5° 8	10°20	22°19	28°32	27° 9	20° 6	n.a.	T 24
F 25	13 31 39	23°52'01	2♈13	17°27	14°33	28°21	5°49	21°26	5° 7	10°19	22°20	28°28	27° 6	20°13	n.a.	F 25
S 26	13 35 35	24°49'20	16°20	19°35	15°46	28°58	6° 1	21°29	5° 7	10°19	22°21	28°22	27° 3	20°19	n.a.	S 26
S 27	13 39 32	25°46'38	0♉47	21°45	16°59	29°36	6°13	21°31	5° 7	10°19	22°22	28°14	26°59	20°26	n.a.	S 27
M28	13 43 28	26°43'56	15°28	23°56	18°12	0♊14	6°24	21°34	5° 6	10°19	22°23	28° 5	26°56	20°33	n.a.	M28
T 29	13 47 25	27°41'13	0♊16	26° 7	19°25	0°51	6°36	21°36	5° 6	10°19	22°24	27°57	26°53	20°40	n.a.	T 29
W30	13 51 22	28♈38'28	15♊ 1	28♈18	20♉38	1♊29	6♓47	21♋39	5♑ 5	10♎19	22♊25	27♒49	26♒50	20♐46	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n21	23n 2	5n 8	12s 9	2s43	5n45	0s22	16n58	0n55	12s31	1s13	23n28	1n20	24s 9	0s26	18n58	1n 9	27n47	4n13	11s51	12s14	28s 4		n.a.
W 2	0 44	26 30	5 11	11 39	2 43	6 16	0 19	17 9	0 55	12 26	1 13	23 28	1 20	24 9	0 26	18 59	1 9	27 47	4 13	11 52	12 15	28 4		n.a.
T 3	1 7	28 14	4 54	11 8	2 43	6 47	0 17	17 21	0 56	12 21	1 13	23 28	1 20	24 9	0 26	18 59	1 9	27 47	4 13	11 53	12 16	28 5		n.a.
F 4	1 31	28 6	4 19	10 35	2 43	7 18	0 14	17 33	0 56	12 17	1 13	23 28	1 20	24 9	0 26	18 59	1 9	27 47	4 13	11 53	12 17	28 5		n.a.
S 5	1 54	26 8	3 29	10 1	2 42	7 48	0 12	17 44	0 56	12 12	1 13	23 28	1 20	24 9	0 26	18 59	1 9	27 47	4 13	11 53	12 18	28 5		n.a.
S 6	2 17	22 35	2 27	9 24	2 40	8 19	0 9	17 56	0 57	12 7	1 14	23 28	1 20	24 9	0 26	19 0	1 9	27 47	4 13	11 53	12 19	28 6		n.a.
M 7	2 40	17 49	1 17	8 46	2 38	8 49	0 7	18 7	0 57	12 3	1 14	23 28	1 20	24 9	0 26	19 0	1 9	27 47	4 13	11 52	12 20	28 6		n.a.
T 8	3 3	12 13	0 4	8 7	2 35	9 19	0 4	18 18	0 57	11 58	1 14	23 28	1 20	24 9	0 26	19 0	1 9	27 47	4 13	11 52	12 22	28 6		n.a.
W 9	3 26	6 8	1s 8	7 26	2 32	9 48	0 2	18 29	0 58	11 53	1 14	23 28	1 20	24 9	0 26	19 0	1 9	27 47	4 13	11 52	12 23	28 7		n.a.
T 10	3 49	0s 7	2 15	6 43	2 27	10 18	0n 1	18 40	0 58	11 49	1 14	23 27	1 20	24 9	0 26	19 0	1 9	27 47	4 13	11 53	12 24	28 7		n.a.
F 11	4 12	6 15	3 14	5 59	2 23	10 47	0 3	18 50	0 58	11 44	1 14	23 27	1 20	24 9	0 26	19 0	1 9	27 47	4 13	11 55	12 25	28 7		n.a.
S 12	4 35	12 1	4 2	5 14	2 18	11 16	0 6	19 1	0 59	11 40	1 14	23 27	1 20	24 9	0 26	19 1	1 9	27 47	4 13	11 57	12 26	28 7		n.a.
S 13	4 58	17 12	4 38	4 27	2 12	11 45	0 8	19 12	0 59	11 35	1 15	23 27	1 20	24 9	0 26	19 1	1 9	27 47	4 12	11 59	12 27	28 8		n.a.
M14	5 21	21 36	5 0	3 38	2 6	12 13	0 11	19 22	0 59	11 31	1 15	23 27	1 20	24 9	0 26	19 1	1 9	27 47	4 12	12 2	12 28	28 8		n.a.
T 15	5 43	25 0	5 8	2 48	1 59	12 41	0 13	19 32	0 59	11 26	1 15	23 26	1 20	24 9	0 26	19 1	1 9	27 47	4 12	12 5	12 29	28 8		n.a.
W16	6 6	27 16	5 2	1 57	1 52	13 9	0 16	19 42	1 0	11 22	1 15	23 26	1 20	24 9	0 26	19 1	1 9	27 47	4 12	12 7	12 30	28 8		n.a.
T 17	6 29	28 16	4 43	1 4	1 44	13 37	0 18	19 52	1 0	11 17	1 15	23 26	1 20	24 9	0 26	19 1	1 9	27 47	4 12	12 9	12 32	28 9		n.a.
F 18	6 51	27 58	4 12	0 11	1 36	14 4	0 21	20 2	1 0	11 13	1 15	23 25	1 19	24 9	0 26	19 1	1 9	27 47	4 12	12 10	12 33	28 9		n.a.
S 19	7 13	26 22	3 30	0n44	1 27	14 31	0 24	20 12	1 1	11 8	1 16	23 25	1 19	24 9	0 26	19 1	1 9	27 47	4 12	12 10	12 34	28 9		n.a.
S 20	7 35	23 33	2 39	1 40	1 18	14 57	0 26	20 21	1 1	11 4	1 16	23 25	1 19	24 9	0 26	19 1	1 8	27 47	4 12	12 10	12 35	28 9		n.a.
M21	7 57	19 39	1 39	2 37	1 9	15 23	0 29	20 31	1 1	11 0	1 16	23 24	1 19	24 9	0 26	19 2	1 8	27 47	4 12	12 10	12 36	28 10		n.a.
T 22	8 19	14 48	0 33	3 35	0 59	15 49	0 31	20 40	1 1	10 55	1 16	23 24	1 19	24 9	0 26	19 2	1 8	27 47	4 12	12 10	12 37	28 10		n.a.
W23	8 41	9 11	0n36	4 33	0 49	16 15	0 34	20 49	1 2	10 51	1 16	23 24	1 19	24 9	0 26	19 2	1 8	27 47	4 12	12 10	12 38	28 10		n.a.
T 24	9 3	3 0	1 45	5 32	0 39	16 40	0 36	20 58	1 2	10 47	1 16	23 23	1 19	24 10	0 26	19 2	1 8	27 47	4 12	12 10	12 39	28 10		n.a.
F 25	9 24	3n29	2 50	6 31	0 28	17 4	0 39	21 7	1 2	10 42	1 17	23 23	1 19	24 10	0 26	19 2	1 8	27 47	4 12	12 12	12 40	28 10		n.a.
S 26	9 46	10 0	3 47	7 31	0 18	17 28	0 41	21 16	1 2	10 38	1 17	23 22	1 19	24 10	0 26	19 2	1 8	27 47	4 12	12 14	12 42	28 11		n.a.
S 27	10 7	16 8	4 30	8 30	0 7	17 52	0 44	21 24	1 2	10 34	1 17	23 22	1 19	24 10	0 27	19 2	1 8	27 47	4 12	12 17	12 43	28 11		n.a.
M28	10 28	21 27	4 57	9 29	0n 4	18 15	0 46	21 33	1 3	10 30	1 17	23 22	1 19	24 10	0 27	19 2	1 8	27 47	4 12	12 20	12 44	28 11		n.a.
T 29	10 49	25 28	5 4	10 28	0 14	18 38	0 48	21 41	1 3	10 25	1 17	23 21	1 19	24 10	0 27	19 2	1 8	27 47	4 12	12 23	12 45	28 11		n.a.
W30	11n10	27n47	4n51	11n25	0n25	19n 0	0n51	21n49	1n 3	10s21	1s18	23n21	1n19	24s10	0s27	19n 2	1n 8	27n48	4n12	12s25	12s46	28s11		n.a.

Julian Day Number = 1346401.5, Delta T = 07h11m12s
Ecliptic obliquity = 23°49'12, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°15'00, Lahiri = -18°08'00 Julian Calendar 1 Apr. 1027 BCE == Greg. Calendar 22 March 1027 BCE

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

MAY 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 55 18	29♈35'43	29♊38	0♉30	21♉51	2♊ 6	6♓59	21♋42	5°R 5	10°R19	22♊26	27°R44	26♒47	20♐53	n.a.	T 1
F 2	13 59 15	0♉32'56	14♋ 1	2°42	23° 3	2°44	7°10	21°45	5♑ 4	10°D19	22°27	27♒41	26°43	21° 0	n.a.	F 2
S 3	14 3 11	1°30'09	28° 8	4°53	24°16	3°22	7°21	21°48	5° 4	10♌19	22°28	27°D39	26°40	21° 6	n.a.	S 3
S 4	14 7 8	2°27'20	11♌56	7° 3	25°29	3°59	7°32	21°51	5° 3	10°19	22°30	27°40	26°37	21°13	n.a.	S 4
M 5	14 11 4	3°24'31	25°28	9°13	26°42	4°37	7°43	21°54	5° 2	10°19	22°31	27°R40	26°34	21°20	n.a.	M 5
T 6	14 15 1	4°21'40	8♍45	11°21	27°55	5°14	7°54	21°57	5° 2	10°19	22°32	27°40	26°31	21°27	n.a.	T 6
W 7	14 18 57	5°18'49	21°47	13°28	29° 8	5°52	8° 5	22° 0	5° 1	10°19	22°33	27°37	26°28	21°33	n.a.	W 7
T 8	14 22 54	6°15'57	4♎38	15°33	0♊20	6°30	8°15	22° 4	5° 0	10°19	22°35	27°32	26°24	21°40	n.a.	T 8
F 9	14 26 51	7°13'04	17°18	17°37	1°33	7° 7	8°26	22° 7	4°59	10°19	22°36	27°25	26°21	21°47	n.a.	F 9
S 10	14 30 47	8°10'10	29°47	19°39	2°46	7°45	8°37	22°11	4°58	10°20	22°37	27°15	26°18	21°53	n.a.	S 10
S 11	14 34 44	9° 7'16	12♏ 7	21°39	3°58	8°22	8°47	22°15	4°57	10°20	22°38	27° 3	26°15	22° 0	n.a.	S 11
M12	14 38 40	10° 4'22	24°17	23°37	5°11	9° 0	8°57	22°18	4°56	10°20	22°40	26°50	26°12	22° 7	n.a.	M12
T 13	14 42 37	11° 1'27	6♐20	25°32	6°24	9°37	9° 7	22°22	4°55	10°21	22°41	26°38	26° 9	22°13	n.a.	T 13
W14	14 46 33	11°58'33	18°16	27°26	7°36	10°15	9°17	22°26	4°54	10°21	22°42	26°27	26° 5	22°20	n.a.	W14
T 15	14 50 30	12°55'38	0♑ 8	29°17	8°49	10°53	9°27	22°30	4°53	10°21	22°44	26°18	26° 2	22°27	n.a.	T 15
F 16	14 54 26	13°52'42	11°58	1♊ 7	10° 1	11°30	9°37	22°34	4°52	10°22	22°45	26°12	25°59	22°34	n.a.	F 16
S 17	14 58 23	14°49'47	23°51	2°54	11°14	12° 8	9°47	22°38	4°50	10°22	22°47	26° 8	25°56	22°40	n.a.	S 17
S 18	15 2 20	15°46'52	5♒50	4°38	12°26	12°46	9°56	22°43	4°49	10°23	22°48	26° 6	25°53	22°47	n.a.	S 18
M19	15 6 16	16°43'57	18° 2	6°21	13°39	13°23	10° 6	22°47	4°48	10°23	22°49	26°D 6	25°49	22°54	n.a.	M19
T 20	15 10 13	17°41'02	0♓31	8° 1	14°51	14° 1	10°15	22°51	4°46	10°24	22°51	26°R 6	25°46	23° 0	n.a.	T 20
W21	15 14 9	18°38'07	13°22	9°39	16° 3	14°39	10°24	22°56	4°45	10°25	22°52	26° 5	25°43	23° 7	n.a.	W21
T 22	15 18 6	19°35'12	26°39	11°15	17°16	15°16	10°34	23° 0	4°44	10°25	22°54	26° 3	25°40	23°14	n.a.	T 22
F 23	15 22 2	20°32'17	10♈25	12°48	18°28	15°54	10°42	23° 5	4°42	10°26	22°55	25°58	25°37	23°21	n.a.	F 23
S 24	15 25 59	21°29'23	24°39	14°19	19°40	16°32	10°51	23°10	4°41	10°27	22°57	25°50	25°34	23°27	n.a.	S 24
S 25	15 29 56	22°26'28	9♉19	15°48	20°53	17° 9	11° 0	23°15	4°39	10°27	22°58	25°40	25°30	23°34	n.a.	S 25
M26	15 33 52	23°23'34	24°17	17°14	22° 5	17°47	11° 9	23°19	4°37	10°28	23° 0	25°29	25°27	23°41	n.a.	M26
T 27	15 37 49	24°20'40	9♊25	18°38	23°17	18°25	11°17	23°24	4°36	10°29	23° 1	25°19	25°24	23°47	n.a.	T 27
W28	15 41 45	25°17'46	24°31	20° 0	24°29	19° 2	11°25	23°29	4°34	10°30	23° 3	25° 9	25°21	23°54	n.a.	W28
T 29	15 45 42	26°14'53	9♋27	21°19	25°42	19°40	11°34	23°34	4°32	10°31	23° 4	25° 2	25°18	24° 1	n.a.	T 29
F 30	15 49 38	27°11'59	24° 5	22°35	26°54	20°18	11°42	23°40	4°31	10°31	23° 6	24°58	25°15	24° 8	n.a.	F 30
S 31	15 53 35	28♉ 9'04	8♌21	23♊49	28♊ 6	20♊55	11♓50	23♋45	4♑29	10♌32	23♊ 7	24♒55	25♒11	24♐14	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n30	28n 8	4n19	12n22	0n35	19n22	0n53	21n57	1n 3	10s17	1s18	23n20	1n19	24s10	0s27	19n 2	1n 8	27n48	4n12	12s27	12s47	28s11			n.a.
F 2	11 51	26 33	3 31	13 18	0 45	19 43	0 55	22 5	1 4	10 13	1 18	23 20	1 19	24 10	0 27	19 2	1 8	27 48	4 12	12 28	12 48	28 11			n.a.
S 3	12 11	23 19	2 31	14 12	0 54	20 4	0 58	22 12	1 4	10 9	1 18	23 19	1 19	24 10	0 27	19 2	1 8	27 48	4 12	12 29	12 49	28 11			n.a.
S 4	12 31	18 48	1 23	15 5	1 3	20 24	1 0	22 20	1 4	10 5	1 18	23 18	1 19	24 10	0 27	19 2	1 8	27 48	4 12	12 29	12 50	28 12			n.a.
M 5	12 51	13 25	0 12	15 55	1 12	20 44	1 2	22 27	1 4	10 1	1 19	23 18	1 18	24 10	0 27	19 2	1 8	27 48	4 12	12 28	12 51	28 12			n.a.
T 6	13 11	7 31	0s59	16 44	1 20	21 3	1 4	22 34	1 4	9 57	1 19	23 17	1 18	24 10	0 27	19 2	1 8	27 48	4 12	12 29	12 53	28 12			n.a.
W 7	13 30	1 24	2 4	17 31	1 27	21 22	1 7	22 41	1 5	9 53	1 19	23 17	1 18	24 10	0 27	19 1	1 8	27 48	4 12	12 29	12 54	28 12			n.a.
T 8	13 49	4s39	3 3	18 15	1 34	21 40	1 9	22 48	1 5	9 49	1 19	23 16	1 18	24 10	0 27	19 1	1 8	27 48	4 12	12 31	12 55	28 12			n.a.
F 9	14 8	10 27	3 51	18 58	1 40	21 57	1 11	22 55	1 5	9 46	1 19	23 15	1 18	24 10	0 27	19 1	1 8	27 48	4 12	12 34	12 56	28 12			n.a.
S 10	14 27	15 44	4 28	19 37	1 46	22 14	1 13	23 1	1 5	9 42	1 20	23 15	1 18	24 10	0 27	19 1	1 8	27 48	4 12	12 37	12 57	28 12			n.a.
S 11	14 46	20 19	4 51	20 15	1 51	22 30	1 15	23 8	1 5	9 38	1 20	23 14	1 18	24 10	0 27	19 1	1 8	27 48	4 12	12 41	12 58	28 12			n.a.
M12	15 4	23 59	5 1	20 50	1 55	22 46	1 17	23 14	1 6	9 34	1 20	23 13	1 18	24 10	0 27	19 1	1 8	27 48	4 12	12 46	12 59	28 12			n.a.
T 13	15 22	26 34	4 57	21 22	1 59	23 1	1 19	23 20	1 6	9 31	1 20	23 13	1 18	24 11	0 27	19 1	1 8	27 48	4 12	12 50	13 0	28 12			n.a.
W14	15 40	27 56	4 40	21 52	2 2	23 15	1 21	23 26	1 6	9 27	1 21	23 12	1 18	24 11	0 27	19 1	1 8	27 48	4 12	12 54	13 1	28 12			n.a.
T 15	15 58	28 0	4 11	22 20	2 4	23 29	1 22	23 31	1 6	9 23	1 21	23 11	1 18	24 11	0 27	19 1	1 8	27 48	4 12	12 57	13 2	28 12			n.a.
F 16	16 15	26 46	3 31	22 45	2 5	23 42	1 24	23 37	1 6	9 20	1 21	23 11	1 18	24 11	0 27	19 0	1 8	27 49	4 12	12 59	13 3	28 12			n.a.
S 17	16 33	24 20	2 42	23 8	2 6	23 54	1 26	23 42	1 6	9 16	1 21	23 10	1 18	24 11	0 27	19 0	1 8	27 49	4 12	13 0	13 5	28 12			n.a.
S 18	16 49	20 48	1 45	23 28	2 6	24 6	1 28	23 47	1 7	9 13	1 21	23 9	1 18	24 11	0 27	19 0	1 8	27 49	4 12	13 1	13 6	28 12			n.a.
M19	17 6	16 21	0 43	23 46	2 5	24 17	1 29	23 52	1 7	9 10	1 22	23 8	1 18	24 11	0 27	19 0	1 8	27 49	4 12	13 1	13 7	28 12			n.a.
T 20	17 23	11 6	0n23	24 2	2 4	24 27	1 31	23 57	1 7	9 6	1 22	23 8	1 18	24 11	0 27	19 0	1 8	27 49	4 12	13 1	13 8	28 12			n.a.
W21	17 39	5 16	1 30	24 16	2 2	24 36	1 32	24 2	1 7	9 3	1 22	23 7	1 18	24 11	0 27	19 0	1 8	27 49	4 12	13 1	13 9	28 12			n.a.
T 22	17 54	1n 0	2 34	24 27	2 0	24 45	1 34	24 6	1 7	9 0	1 22	23 6	1 18	24 11	0 27	18 59	1 8	27 49	4 12	13 2	13 10	28 12			n.a.
F 23	18 10	7 25	3 31	24 37	1 56	24 53	1 35	24 10	1 7	8 56	1 23	23 5	1 18	24 11	0 27	18 59	1 8	27 49	4 12	13 4	13 11	28 12			n.a.
S 24	18 25	13 40	4 17	24 45	1 53	25 1	1 36	24 15	1 7	8 53	1 23	23 4	1 18	24 11	0 27	18 59	1 8	27 49	4 12	13 7	13 12	28 12			n.a.
S 25	18 40	19 22	4 48	24 50	1 48	25 7	1 38	24 18	1 8	8 50	1 23	23 3	1 18	24 11	0 27	18 59	1 8	27 49	4 12	13 10	13 13	28 12			n.a.
M26	18 55	23 59	5 0	24 54	1 43	25 13	1 39	24 22	1 8	8 47	1 23	23 2	1 18	24 12	0 27	18 58	1 8	27 49	4 12	13 14	13 14	28 12			n.a.
T 27	19 9	27 1	4 51	24 57	1 37	25 19	1 40	24 26	1 8	8 44	1 24	23 2	1 18	24 12	0 27	18 58	1 8	27 50	4 12	13 17	13 15	28 12			n.a.
W28	19 23	28 4	4 22	24 57	1 31	25 23	1 41	24 29	1 8	8 41	1 24	23 1	1 17	24 12	0 27	18 58	1 7	27 50	4 12	13 20	13 17	28 12			n.a.
T 29	19 37	27 3	3 35	24 56	1 25	25 27	1 42	24 32	1 8	8 38	1 24	23 0	1 17	24 12	0 27	18 58	1 7	27 50	4 12	13 23	13 18	28 12			n.a.
F 30	19 51	24 11	2 35	24 54	1 17	25 30	1 43	24 35	1 8	8 35	1 24	22 59	1 17	24 12	0 27	18 57	1 7	27 50	4 12	13 24	13 19	28 11			n.a.
S 31	20n 4	19n51	1n26	24n50	1n 9	25n32	1n44	24n38	1n 8	8s32	1s25	22n58	1n17	24s12	0s27	18n57	1n 7	27n50	4n12	13s25	13s20	28s11			n.a.

Julian Day Number = 1346431.5, Delta T = 07h11m10s
Ecliptic obliquity = 23°49'11, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'56, Lahiri = -18°07'56 Julian Calendar 1 May 1027 BCE == Greg. Calendar 21 Apr. 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

JUNE 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 32	29♉ 6'10	22♌13	25♊ 1	29♊18	21♊33	11♓57	23♋50	4°R27	10♌33	23♊ 9	24°R55	25♒ 8	24♐21	n.a.	S 1
M 2	16 1 28	0♊ 3'16	5♍42	26°10	0♋30	22°11	12° 5	23°55	4♑25	10°34	23°11	24♒55	25° 5	24°28	n.a.	M 2
T 3	16 5 25	1° 0'22	18°50	27°16	1°42	22°49	12°13	24° 1	4°24	10°35	23°12	24°54	25° 2	24°34	n.a.	T 3
W 4	16 9 21	1°57'27	1♎42	28°19	2°54	23°26	12°20	24° 6	4°22	10°36	23°14	24°51	24°59	24°41	n.a.	W 4
T 5	16 13 18	2°54'33	14°19	29°19	4° 6	24° 4	12°27	24°12	4°20	10°37	23°15	24°46	24°55	24°48	n.a.	T 5
F 6	16 17 14	3°51'39	26°44	0♋16	5°18	24°42	12°34	24°17	4°18	10°38	23°17	24°38	24°52	24°54	n.a.	F 6
S 7	16 21 11	4°48'46	9♏ 0	1°10	6°29	25°20	12°41	24°23	4°16	10°40	23°19	24°28	24°49	25° 1	n.a.	S 7
S 8	16 25 7	5°45'53	21° 7	2° 0	7°41	25°58	12°48	24°29	4°14	10°41	23°20	24°15	24°46	25° 8	n.a.	S 8
M 9	16 29 4	6°43'00	3♐ 9	2°48	8°53	26°35	12°54	24°35	4°12	10°42	23°22	24° 2	24°43	25°15	n.a.	M 9
T 10	16 33 1	7°40'08	15° 5	3°31	10° 5	27°13	13° 1	24°40	4°10	10°43	23°24	23°49	24°40	25°21	n.a.	T 10
W11	16 36 57	8°37'16	26°58	4°11	11°16	27°51	13° 7	24°46	4° 8	10°44	23°25	23°38	24°36	25°28	n.a.	W11
T 12	16 40 54	9°34'26	8♑48	4°48	12°28	28°29	13°13	24°52	4° 6	10°46	23°27	23°28	24°33	25°35	n.a.	T 12
F 13	16 44 50	10°31'36	20°38	5°20	13°39	29° 7	13°19	24°58	4° 4	10°47	23°29	23°21	24°30	25°41	n.a.	F 13
S 14	16 48 47	11°28'47	2♒32	5°48	14°51	29°44	13°25	25° 4	4° 1	10°48	23°30	23°17	24°27	25°48	n.a.	S 14
S 15	16 52 43	12°25'58	14°32	6°11	16° 2	0♋22	13°31	25°10	3°59	10°50	23°32	23°15	24°24	25°55	n.a.	S 15
M16	16 56 40	13°23'11	26°43	6°31	17°14	1° 0	13°36	25°17	3°57	10°51	23°34	23°D15	24°21	26° 2	n.a.	M16
T 17	17 0 36	14°20'25	9♓11	6°45	18°25	1°38	13°42	25°23	3°55	10°52	23°35	23°R15	24°17	26° 8	n.a.	T 17
W18	17 4 33	15°17'39	21°59	6°55	19°37	2°16	13°47	25°29	3°53	10°54	23°37	23°15	24°14	26°15	n.a.	W18
T 19	17 8 30	16°14'55	5♈12	7°R 0	20°48	2°54	13°52	25°35	3°50	10°55	23°39	23°14	24°11	26°22	n.a.	T 19
F 20	17 12 26	17°12'12	18°53	7° 0	21°59	3°32	13°57	25°42	3°48	10°57	23°41	23°10	24° 8	26°28	n.a.	F 20
S 21	17 16 23	18° 9'30	3♉ 4	6°55	23°10	4°10	14° 1	25°48	3°46	10°58	23°42	23° 4	24° 5	26°35	n.a.	S 21
S 22	17 20 19	19° 6'50	17°43	6°45	24°22	4°48	14° 6	25°55	3°44	11° 0	23°44	22°56	24° 1	26°42	n.a.	S 22
M23	17 24 16	20° 4'11	2♊43	6°29	25°33	5°26	14°10	26° 1	3°41	11° 1	23°46	22°47	23°58	26°48	n.a.	M23
T 24	17 28 12	21° 1'32	17°57	6° 9	26°44	6° 4	14°14	26° 8	3°39	11° 3	23°47	22°38	23°55	26°55	n.a.	T 24
W25	17 32 9	21°58'55	3♋14	5°44	27°55	6°42	14°18	26°14	3°37	11° 4	23°49	22°30	23°52	27° 2	n.a.	W25
T 26	17 36 6	22°56'19	18°23	5°15	29° 6	7°20	14°22	26°21	3°34	11° 6	23°51	22°24	23°49	27° 9	n.a.	T 26
F 27	17 40 2	23°53'44	3♌14	4°41	0♌17	7°58	14°25	26°28	3°32	11° 7	23°53	22°21	23°46	27°15	n.a.	F 27
S 28	17 43 59	24°51'10	17°42	4° 3	1°28	8°36	14°29	26°34	3°30	11° 9	23°54	22°D19	23°42	27°22	n.a.	S 28
S 29	17 47 55	25°48'36	1♍43	3°22	2°39	9°14	14°32	26°41	3°27	11°11	23°56	22°19	23°39	27°29	n.a.	S 29
M30	17 51 52	26♊46'04	15♍18	2♋38	3♌49	9♋52	14♓35	26♋48	3♑25	11♌13	23♊58	22♒20	23♒36	27♐35	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n17	14n33	0n14	24n44	1n 1	25n33	1n44	24n41	1n 8	8s30	1s25	22n57	1n17	24s12	0s27	18n57	1n 7	27n50	4n12	13s25	13s21	28s11		n.a.
M 2	20 29	8 41	0s57	24 38	0 52	25 34	1 45	24 43	1 9	8 27	1 25	22 56	1 17	24 12	0 27	18 57	1 7	27 50	4 12	13 25	13 22	28 11		n.a.
T 3	20 41	2 36	2 3	24 30	0 43	25 34	1 46	24 46	1 9	8 24	1 26	22 55	1 17	24 12	0 27	18 56	1 7	27 50	4 12	13 26	13 23	28 11		n.a.
W 4	20 53	3s27	3 1	24 21	0 33	25 33	1 46	24 48	1 9	8 22	1 26	22 54	1 17	24 12	0 27	18 56	1 7	27 50	4 12	13 27	13 24	28 11		n.a.
T 5	21 4	9 15	3 49	24 11	0 22	25 32	1 47	24 50	1 9	8 19	1 26	22 53	1 17	24 12	0 28	18 56	1 7	27 51	4 12	13 28	13 25	28 11		n.a.
F 6	21 15	14 35	4 26	24 1	0 11	25 30	1 47	24 52	1 9	8 16	1 26	22 52	1 17	24 12	0 28	18 55	1 7	27 51	4 12	13 31	13 26	28 10		n.a.
S 7	21 26	19 17	4 50	23 49	0 0	25 27	1 47	24 53	1 9	8 14	1 27	22 51	1 17	24 13	0 28	18 55	1 7	27 51	4 12	13 35	13 27	28 10		n.a.
S 8	21 36	23 8	5 0	23 37	0s11	25 23	1 48	24 54	1 9	8 12	1 27	22 50	1 17	24 13	0 28	18 55	1 7	27 51	4 12	13 39	13 28	28 10		n.a.
M 9	21 46	25 58	4 56	23 24	0 24	25 19	1 48	24 56	1 9	8 9	1 27	22 49	1 17	24 13	0 28	18 54	1 7	27 51	4 12	13 43	13 29	28 10		n.a.
T 10	21 56	27 37	4 40	23 10	0 36	25 13	1 48	24 57	1 9	8 7	1 28	22 48	1 17	24 13	0 28	18 54	1 7	27 51	4 12	13 48	13 31	28 10		n.a.
W11	22 5	27 59	4 12	22 56	0 49	25 7	1 48	24 57	1 9	8 5	1 28	22 47	1 17	24 13	0 28	18 54	1 7	27 51	4 12	13 51	13 32	28 9		n.a.
T 12	22 14	27 3	3 32	22 42	1 2	25 1	1 48	24 58	1 9	8 3	1 28	22 45	1 17	24 13	0 28	18 53	1 7	27 51	4 12	13 55	13 33	28 9		n.a.
F 13	22 23	24 54	2 44	22 27	1 15	24 53	1 48	24 58	1 10	8 1	1 28	22 44	1 17	24 13	0 28	18 53	1 7	27 52	4 12	13 57	13 34	28 9		n.a.
S 14	22 31	21 39	1 48	22 12	1 29	24 45	1 47	24 59	1 10	7 59	1 29	22 43	1 17	24 13	0 28	18 52	1 7	27 52	4 13	13 58	13 35	28 9		n.a.
S 15	22 39	17 28	0 46	21 58	1 43	24 36	1 47	24 59	1 10	7 57	1 29	22 42	1 17	24 13	0 28	18 52	1 7	27 52	4 13	13 59	13 36	28 9		n.a.
M16	22 46	12 31	0n18	21 43	1 57	24 27	1 46	24 59	1 10	7 55	1 29	22 41	1 17	24 13	0 28	18 52	1 7	27 52	4 13	13 59	13 37	28 8		n.a.
T 17	22 53	6 58	1 24	21 28	2 11	24 17	1 46	24 58	1 10	7 53	1 30	22 40	1 17	24 13	0 28	18 51	1 7	27 52	4 13	13 59	13 38	28 8		n.a.
W18	23 0	1 0	2 27	21 13	2 25	24 6	1 45	24 58	1 10	7 51	1 30	22 39	1 17	24 13	0 28	18 51	1 7	27 52	4 13	13 59	13 39	28 8		n.a.
T 19	23 6	5n12	3 24	20 59	2 39	23 54	1 45	24 57	1 10	7 50	1 30	22 37	1 17	24 14	0 28	18 50	1 7	27 52	4 13	13 59	13 40	28 8		n.a.
F 20	23 12	11 22	4 11	20 45	2 53	23 42	1 44	24 56	1 10	7 48	1 31	22 36	1 17	24 14	0 28	18 50	1 7	27 52	4 13	14 1	13 41	28 7		n.a.
S 21	23 17	17 11	4 46	20 32	3 6	23 29	1 43	24 55	1 10	7 47	1 31	22 35	1 17	24 14	0 28	18 50	1 7	27 53	4 13	14 3	13 42	28 7		n.a.
S 22	23 22	22 12	5 2	20 20	3 19	23 16	1 42	24 54	1 10	7 45	1 31	22 34	1 17	24 14	0 28	18 49	1 7	27 53	4 13	14 5	13 43	28 7		n.a.
M23	23 26	25 55	4 59	20 8	3 32	23 1	1 41	24 52	1 10	7 44	1 31	22 32	1 17	24 14	0 28	18 49	1 7	27 53	4 13	14 8	13 45	28 6		n.a.
T 24	23 31	27 49	4 35	19 57	3 44	22 46	1 40	24 51	1 10	7 42	1 32	22 31	1 17	24 14	0 28	18 48	1 7	27 53	4 13	14 11	13 46	28 6		n.a.
W25	23 34	27 38	3 51	19 47	3 55	22 31	1 39	24 49	1 10	7 41	1 32	22 30	1 17	24 14	0 28	18 48	1 7	27 53	4 13	14 14	13 47	28 6		n.a.
T 26	23 38	25 21	2 51	19 38	4 5	22 15	1 37	24 47	1 10	7 40	1 32	22 29	1 17	24 14	0 28	18 47	1 7	27 53	4 13	14 16	13 48	28 5		n.a.
F 27	23 41	21 22	1 40	19 30	4 14	21 58	1 36	24 45	1 10	7 39	1 33	22 27	1 17	24 14	0 28	18 47	1 7	27 54	4 13	14 17	13 49	28 5		n.a.
S 28	23 43	16 10	0 25	19 23	4 22	21 41	1 34	24 42	1 10	7 38	1 33	22 26	1 17	24 14	0 28	18 46	1 7	27 54	4 13	14 18	13 50	28 5		n.a.
S 29	23 45	10 15	0s50	19 18	4 29	21 23	1 33	24 40	1 10	7 37	1 33	22 25	1 17	24 14	0 28	18 46	1 7	27 54	4 13	14 17	13 51	28 4		n.a.
M30	23n47	4n 3	2s 0	19n14	4s33	21n 5	1n31	24n37	1n10	7s36	1s34	22n23	1n17	24s14	0s28	18n45	1n 7	27n54	4n14	14s17	13s52	28s 4		n.a.

Julian Day Number = 1346462.5, Delta T = 07h11m09s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'52, Lahiri = -18°07'51 Julian Calendar 1 June 1027 BCE == Greg. Calendar 22 May 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

JULY 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 55 48	27♊43'32	28♍28	1°R52	5♌ 0	10♋30	14♓38	26♋55	3°R23	11♌14	24♊ 0	22°R21	23♒33	27♐42	n.a.	T 1
W 2	17 59 45	28°41'01	11♎16	1♋ 4	6°11	11° 8	14°41	27° 1	3♑20	11°16	24° 1	22♒20	23°30	27°49	n.a.	W 2
T 3	18 3 41	29°38'31	23°47	0°16	7°21	11°46	14°43	27° 8	3°18	11°18	24° 3	22°17	23°27	27°55	n.a.	T 3
F 4	18 7 38	0♋36'02	6♏ 5	29♊29	8°32	12°24	14°45	27°15	3°15	11°19	24° 5	22°12	23°23	28° 2	n.a.	F 4
S 5	18 11 35	1°33'35	18°12	28°43	9°42	13° 2	14°47	27°22	3°13	11°21	24° 6	22° 5	23°20	28° 9	n.a.	S 5
S 6	18 15 31	2°31'08	0♐12	27°59	10°53	13°41	14°49	27°29	3°11	11°23	24° 8	21°57	23°17	28°16	n.a.	S 6
M 7	18 19 28	3°28'43	12° 7	27°19	12° 3	14°19	14°51	27°36	3° 8	11°25	24°10	21°48	23°14	28°22	n.a.	M 7
T 8	18 23 24	4°26'20	23°59	26°42	13°13	14°57	14°52	27°43	3° 6	11°27	24°12	21°39	23°11	28°29	n.a.	T 8
W 9	18 27 21	5°23'57	5♑50	26°10	14°23	15°35	14°54	27°50	3° 3	11°29	24°13	21°31	23° 7	28°36	n.a.	W 9
T 10	18 31 17	6°21'36	17°42	25°44	15°34	16°13	14°55	27°58	3° 1	11°31	24°15	21°24	23° 4	28°42	n.a.	T 10
F 11	18 35 14	7°19'17	29°36	25°23	16°44	16°52	14°56	28° 5	2°59	11°32	24°17	21°20	23° 1	28°49	n.a.	F 11
S 12	18 39 10	8°16'59	11♒35	25° 9	17°54	17°30	14°56	28°12	2°56	11°34	24°18	21°17	22°58	28°56	n.a.	S 12
S 13	18 43 7	9°14'43	23°41	25°D 3	19° 3	18° 8	14°57	28°19	2°54	11°36	24°20	21°D17	22°55	29° 2	n.a.	S 13
M14	18 47 4	10°12'29	5♓58	25° 3	20°13	18°47	14°57	28°26	2°52	11°38	24°22	21°18	22°52	29° 9	n.a.	M14
T 15	18 51 0	11°10'16	18°29	25°11	21°23	19°25	14°R57	28°33	2°49	11°40	24°23	21°19	22°48	29°16	n.a.	T 15
W16	18 54 57	12° 8'05	1♈18	25°27	22°33	20° 3	14°57	28°41	2°47	11°42	24°25	21°21	22°45	29°23	n.a.	W16
T 17	18 58 53	13° 5'56	14°28	25°50	23°42	20°42	14°57	28°48	2°44	11°44	24°27	21°R21	22°42	29°29	n.a.	T 17
F 18	19 2 50	14° 3'49	28° 3	26°21	24°52	21°20	14°57	28°55	2°42	11°46	24°28	21°20	22°39	29°36	n.a.	F 18
S 19	19 6 46	15° 1'44	12♉ 4	27° 0	26° 1	21°58	14°56	29° 3	2°40	11°48	24°30	21°18	22°36	29°43	n.a.	S 19
S 20	19 10 43	15°59'42	26°31	27°46	27°10	22°37	14°55	29°10	2°37	11°50	24°31	21°14	22°32	29°49	n.a.	S 20
M21	19 14 39	16°57'41	11♊20	28°40	28°20	23°15	14°54	29°17	2°35	11°52	24°33	21° 9	22°29	29°56	n.a.	M21
T 22	19 18 36	17°55'42	26°24	29°40	29°29	23°54	14°53	29°25	2°33	11°54	24°35	21° 4	22°26	0♑ 3	n.a.	T 22
W23	19 22 33	18°53'45	11♋35	0♋47	0♍38	24°32	14°51	29°32	2°31	11°56	24°36	21° 0	22°23	0° 9	n.a.	W23
T 24	19 26 29	19°51'50	26°43	2° 0	1°47	25°11	14°50	29°39	2°28	11°59	24°38	20°57	22°20	0°16	n.a.	T 24
F 25	19 30 26	20°49'57	11♌38	3°20	2°56	25°49	14°48	29°47	2°26	12° 1	24°40	20°55	22°17	0°23	n.a.	F 25
S 26	19 34 22	21°48'05	26°13	4°45	4° 5	26°28	14°46	29°54	2°24	12° 3	24°41	20°D55	22°13	0°30	n.a.	S 26
S 27	19 38 19	22°46'15	10♍22	6°14	5°13	27° 6	14°43	0♌ 2	2°22	12° 5	24°43	20°56	22°10	0°36	n.a.	S 27
M28	19 42 15	23°44'26	24° 5	7°49	6°22	27°45	14°41	0° 9	2°19	12° 7	24°44	20°58	22° 7	0°43	n.a.	M28
T 29	19 46 12	24°42'39	7♎21	9°27	7°30	28°24	14°38	0°17	2°17	12° 9	24°46	20°59	22° 4	0°50	n.a.	T 29
W30	19 50 8	25°40'54	20°14	11° 9	8°39	29° 2	14°35	0°24	2°15	12°11	24°47	21°R 0	22° 1	0°56	n.a.	W30
T 31	19 54 5	26♋39'10	2♏46	12♋54	9♍47	29♋41	14♓32	0♌31	2♑13	12♌14	24♊49	21♒ 0	21♒58	1♑ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	2s 8	3s 1	19n12	4s37	20n46	1n29	24n34	1n10	7s35	1s34	22n22	1n17	24s14	0s28	18n45	1n 7	27n54	4n14	14s17	13s53	28s 4			n.a.
W 2	23 49	8 4	3 52	19 11	4 38	20 26	1 27	24 31	1 10	7 34	1 34	22 21	1 17	24 15	0 28	18 44	1 7	27 54	4 14	14 17	13 54	28 3			n.a.
T 3	23 49	13 32	4 30	19 11	4 38	20 6	1 26	24 27	1 10	7 34	1 35	22 19	1 17	24 15	0 28	18 44	1 7	27 54	4 14	14 18	13 55	28 3			n.a.
F 4	23 49	18 23	4 55	19 13	4 36	19 45	1 23	24 24	1 10	7 33	1 35	22 18	1 17	24 15	0 28	18 43	1 7	27 55	4 14	14 20	13 56	28 2			n.a.
S 5	23 49	22 24	5 6	19 17	4 32	19 24	1 21	24 20	1 10	7 33	1 35	22 17	1 17	24 15	0 28	18 43	1 7	27 55	4 14	14 22	13 57	28 2			n.a.
S 6	23 48	25 27	5 3	19 22	4 27	19 3	1 19	24 16	1 10	7 32	1 36	22 15	1 17	24 15	0 28	18 42	1 7	27 55	4 14	14 25	13 58	28 2			n.a.
M 7	23 46	27 21	4 48	19 28	4 19	18 41	1 17	24 12	1 10	7 32	1 36	22 14	1 17	24 15	0 28	18 42	1 7	27 55	4 14	14 28	13 59	28 1			n.a.
T 8	23 45	28 0	4 20	19 37	4 10	18 18	1 14	24 8	1 10	7 31	1 36	22 12	1 17	24 15	0 28	18 41	1 7	27 55	4 14	14 31	14 0	28 1			n.a.
W 9	23 42	27 21	3 40	19 46	4 0	17 55	1 12	24 4	1 10	7 31	1 37	22 11	1 17	24 15	0 28	18 41	1 7	27 55	4 14	14 33	14 2	28 0			n.a.
T 10	23 40	25 27	2 51	19 57	3 48	17 32	1 9	23 59	1 10	7 31	1 37	22 10	1 17	24 15	0 28	18 40	1 7	27 56	4 14	14 36	14 3	28 0			n.a.
F 11	23 37	22 25	1 55	20 10	3 35	17 8	1 7	23 54	1 10	7 31	1 37	22 8	1 17	24 15	0 28	18 40	1 7	27 56	4 14	14 37	14 4	27 59			n.a.
S 12	23 33	18 25	0 52	20 23	3 21	16 44	1 4	23 49	1 10	7 31	1 37	22 7	1 17	24 15	0 28	18 39	1 7	27 56	4 15	14 38	14 5	27 59			n.a.
S 13	23 29	13 38	0n13	20 38	3 6	16 19	1 1	23 44	1 10	7 31	1 38	22 5	1 17	24 15	0 28	18 39	1 7	27 56	4 15	14 38	14 6	27 59			n.a.
M14	23 25	8 15	1 19	20 54	2 50	15 54	0 58	23 39	1 10	7 31	1 38	22 4	1 17	24 15	0 28	18 38	1 7	27 56	4 15	14 38	14 7	27 58			n.a.
T 15	23 20	2 27	2 22	21 10	2 34	15 28	0 55	23 33	1 10	7 32	1 38	22 2	1 17	24 15	0 28	18 37	1 7	27 56	4 15	14 37	14 8	27 58			n.a.
W16	23 15	3n35	3 20	21 27	2 17	15 2	0 52	23 27	1 10	7 32	1 39	22 1	1 17	24 15	0 28	18 37	1 7	27 57	4 15	14 37	14 9	27 57			n.a.
T 17	23 10	9 37	4 9	21 45	2 1	14 36	0 49	23 21	1 10	7 32	1 39	21 59	1 18	24 15	0 28	18 36	1 7	27 57	4 15	14 37	14 10	27 57			n.a.
F 18	23 4	15 23	4 46	22 2	1 44	14 10	0 46	23 15	1 10	7 33	1 39	21 58	1 18	24 15	0 28	18 36	1 7	27 57	4 15	14 37	14 11	27 56			n.a.
S 19	22 57	20 34	5 7	22 20	1 27	13 43	0 43	23 9	1 10	7 33	1 40	21 56	1 18	24 16	0 28	18 35	1 7	27 57	4 15	14 38	14 12	27 56			n.a.
S 20	22 51	24 42	5 10	22 37	1 11	13 16	0 39	23 3	1 10	7 34	1 40	21 55	1 18	24 16	0 28	18 35	1 7	27 57	4 15	14 39	14 13	27 55			n.a.
M21	22 43	27 19	4 53	22 54	0 54	12 48	0 36	22 56	1 10	7 35	1 40	21 53	1 18	24 16	0 28	18 34	1 7	27 58	4 15	14 40	14 14	27 55			n.a.
T 22	22 36	28 1	4 15	23 10	0 39	12 20	0 32	22 49	1 10	7 35	1 41	21 52	1 18	24 16	0 28	18 33	1 7	27 58	4 16	14 42	14 15	27 54			n.a.
W23	22 28	26 36	3 18	23 26	0 23	11 52	0 29	22 42	1 10	7 36	1 41	21 50	1 18	24 16	0 28	18 33	1 7	27 58	4 16	14 43	14 16	27 53			n.a.
T 24	22 19	23 15	2 9	23 39	0 9	11 24	0 25	22 35	1 10	7 37	1 41	21 49	1 18	24 16	0 28	18 32	1 7	27 58	4 16	14 44	14 17	27 53			n.a.
F 25	22 11	18 23	0 51	23 52	0n 5	10 55	0 21	22 28	1 10	7 38	1 42	21 47	1 18	24 16	0 28	18 32	1 7	27 58	4 16	14 45	14 18	27 52			n.a.
S 26	22 1	12 31	0s29	24 2	0 18	10 26	0 17	22 20	1 10	7 39	1 42	21 46	1 18	24 16	0 28	18 31	1 7	27 58	4 16	14 45	14 19	27 52			n.a.
S 27	21 52	6 11	1 45	24 11	0 31	9 57	0 14	22 13	1 10	7 41	1 42	21 44	1 18	24 16	0 28	18 30	1 7	27 59	4 16	14 45	14 20	27 51			n.a.
M28	21 42	0s14	2 52	24 17	0 42	9 28	0 10	22 5	1 10	7 42	1 42	21 43	1 18	24 16	0 28	18 30	1 7	27 59	4 16	14 44	14 21	27 51			n.a.
T 29	21 31	6 26	3 48	24 21	0 52	8 58	0 6	21 57	1 10	7 43	1 43	21 41	1 18	24 16	0 28	18 29	1 7	27 59	4 16	14 44	14 23	27 50			n.a.
W30	21 21	12 11	4 30	24 22	1 2	8 29	0 1	21 49	1 10	7 44	1 43	21 39	1 18	24 16	0 28	18 28	1 7	27 59	4 17	14 43	14 24	27 49			n.a.
T 31	21n 9	17s17	4s59	24n21	1n11	7n59	0s 3	21n41	1n10	7s46	1s43	21n38	1n18	24s16	0s28	18n28	1n 7	27n59	4n17	14s43	14s25	27s49			n.a.

Julian Day Number = 1346492.5, Delta T = 07h11m07s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'48, Lahiri = -18°07'47 Julian Calendar 1 July 1027 BCE == Greg. Calendar 21 June 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

AUGUST 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 58 2	27♋37'29	15♏ 2	14♋41	10♍55	0♌20	14°R29	0♌39	2°R11	12♌16	24♊50	20°R59	21♒54	1♉10	n.a.	F 1
S 2	20 1 58	28°35'48	27° 6	16°31	12° 3	0°58	14♓26	0°46	2♉ 9	12°18	24°52	20♒57	21°51	1°16	n.a.	S 2
S 3	20 5 55	29°34'10	9♐ 2	18°22	13°11	1°37	14°22	0°54	2° 7	12°20	24°53	20°54	21°48	1°23	n.a.	S 3
M 4	20 9 51	0♌32'33	20°54	20°14	14°19	2°16	14°18	1° 1	2° 5	12°22	24°55	20°51	21°45	1°30	n.a.	M 4
T 5	20 13 48	1°30'59	2♉45	22° 8	15°26	2°54	14°14	1° 9	2° 3	12°24	24°56	20°47	21°42	1°36	n.a.	T 5
W 6	20 17 44	2°29'26	14°37	24° 2	16°34	3°33	14°10	1°16	2° 1	12°27	24°58	20°44	21°38	1°43	n.a.	W 6
T 7	20 21 41	3°27'55	26°33	25°56	17°41	4°12	14° 6	1°24	1°59	12°29	24°59	20°42	21°35	1°50	n.a.	T 7
F 8	20 25 37	4°26'26	8♒35	27°50	18°48	4°51	14° 1	1°31	1°57	12°31	25° 0	20°41	21°32	1°57	n.a.	F 8
S 9	20 29 34	5°24'59	20°45	29°44	19°55	5°30	13°57	1°39	1°55	12°33	25° 2	20°D41	21°29	2° 3	n.a.	S 9
S 10	20 33 31	6°23'34	3♓ 3	1♌38	21° 2	6° 9	13°52	1°46	1°53	12°35	25° 3	20°41	21°26	2°10	n.a.	S 10
M11	20 37 27	7°22'12	15°33	3°32	22° 9	6°48	13°47	1°54	1°51	12°38	25° 4	20°42	21°23	2°17	n.a.	M11
T 12	20 41 24	8°20'51	28°16	5°24	23°16	7°26	13°41	2° 1	1°50	12°40	25° 6	20°43	21°19	2°23	n.a.	T 12
W13	20 45 20	9°19'33	11♈14	7°16	24°22	8° 5	13°36	2° 8	1°48	12°42	25° 7	20°44	21°16	2°30	n.a.	W13
T 14	20 49 17	10°18'17	24°29	9° 8	25°29	8°44	13°31	2°16	1°46	12°44	25° 8	20°45	21°13	2°37	n.a.	T 14
F 15	20 53 13	11°17'04	8♉ 3	10°58	26°35	9°23	13°25	2°23	1°45	12°47	25°10	20°R45	21°10	2°43	n.a.	F 15
S 16	20 57 10	12°15'53	21°56	12°48	27°41	10° 2	13°19	2°31	1°43	12°49	25°11	20°45	21° 7	2°50	n.a.	S 16
S 17	21 1 6	13°14'45	6♊ 8	14°37	28°46	10°42	13°13	2°38	1°41	12°51	25°12	20°45	21° 4	2°57	n.a.	S 17
M18	21 5 3	14°13'39	20°38	16°25	29°52	11°21	13° 7	2°45	1°40	12°53	25°13	20°44	21° 0	3° 3	n.a.	M18
T 19	21 9 0	15°12'36	5♋21	18°11	0♎58	12° 0	13° 1	2°53	1°38	12°56	25°15	20°43	20°57	3°10	n.a.	T 19
W20	21 12 56	16°11'35	20°12	19°57	2° 3	12°39	12°54	3° 0	1°37	12°58	25°16	20°43	20°54	3°17	n.a.	W20
T 21	21 16 53	17°10'36	5♌ 3	21°43	3° 8	13°18	12°48	3° 7	1°35	13° 0	25°17	20°42	20°51	3°24	n.a.	T 21
F 22	21 20 49	18° 9'40	19°47	23°27	4°13	13°57	12°41	3°15	1°34	13° 2	25°18	20°D42	20°48	3°30	n.a.	F 22
S 23	21 24 46	19° 8'45	4♍17	25°10	5°18	14°37	12°34	3°22	1°32	13° 4	25°19	20°42	20°44	3°37	n.a.	S 23
S 24	21 28 42	20° 7'53	18°26	26°52	6°22	15°16	12°27	3°29	1°31	13° 7	25°20	20°42	20°41	3°44	n.a.	S 24
M25	21 32 39	21° 7'03	2♎12	28°34	7°26	15°55	12°20	3°37	1°30	13° 9	25°21	20°R42	20°38	3°50	n.a.	M25
T 26	21 36 35	22° 6'14	15°34	0♍14	8°30	16°34	12°13	3°44	1°29	13°11	25°23	20°42	20°35	3°57	n.a.	T 26
W27	21 40 32	23° 5'28	28°31	1°54	9°34	17°14	12° 6	3°51	1°27	13°13	25°24	20°42	20°32	4° 4	n.a.	W27
T 28	21 44 28	24° 4'43	11♏ 7	3°33	10°38	17°53	11°59	3°58	1°26	13°16	25°25	20°42	20°29	4°10	n.a.	T 28
F 29	21 48 25	25° 4'01	23°25	5°11	11°41	18°32	11°51	4° 5	1°25	13°18	25°26	20°D42	20°25	4°17	n.a.	F 29
S 30	21 52 22	26° 3'20	5♐30	6°48	12°44	19°12	11°44	4°12	1°24	13°20	25°27	20°42	20°22	4°24	n.a.	S 30
S 31	21 56 18	27♌ 2'42	17♐25	8♍24	13♎47	19♌51	11♓36	4♌20	1♉23	13♌22	25♊28	20♒42	20♒19	4♉30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n58	21s34	5s13	24n18	1n18	7n29	0s 7	21n32	1n10	7s47	1s44	21n36	1n18	24s16	0s28	18n27	1n 7	28n 0	4n17	14s44	14s26	27s48		n.a.
S 2	20 46	24 53	5 13	24 11	1 25	6 59	0 11	21 23	1 10	7 49	1 44	21 35	1 18	24 16	0 28	18 27	1 7	28 0	4 17	14 44	14 27	27 48		n.a.
S 3	20 34	27 4	4 59	24 2	1 31	6 28	0 16	21 15	1 10	7 51	1 44	21 33	1 18	24 16	0 28	18 26	1 7	28 0	4 17	14 45	14 28	27 47		n.a.
M 4	20 21	28 2	4 32	23 51	1 36	5 58	0 20	21 6	1 9	7 52	1 44	21 31	1 18	24 16	0 28	18 25	1 7	28 0	4 17	14 46	14 29	27 46		n.a.
T 5	20 8	27 42	3 54	23 37	1 40	5 27	0 24	20 57	1 9	7 54	1 45	21 30	1 19	24 16	0 28	18 25	1 7	28 0	4 17	14 48	14 30	27 46		n.a.
W 6	19 55	26 5	3 6	23 21	1 44	4 56	0 29	20 47	1 9	7 56	1 45	21 28	1 19	24 16	0 28	18 24	1 7	28 1	4 17	14 48	14 31	27 45		n.a.
T 7	19 41	23 18	2 9	23 2	1 46	4 26	0 33	20 38	1 9	7 58	1 45	21 27	1 19	24 16	0 28	18 23	1 7	28 1	4 18	14 49	14 32	27 44		n.a.
F 8	19 27	19 28	1 6	22 41	1 48	3 55	0 38	20 28	1 9	8 0	1 46	21 25	1 19	24 16	0 28	18 23	1 7	28 1	4 18	14 50	14 33	27 44		n.a.
S 9	19 13	14 48	0n 0	22 18	1 49	3 24	0 43	20 19	1 9	8 2	1 46	21 23	1 19	24 16	0 28	18 22	1 7	28 1	4 18	14 50	14 34	27 43		n.a.
S 10	18 58	9 29	1 8	21 53	1 49	2 53	0 47	20 9	1 9	8 4	1 46	21 22	1 19	24 16	0 28	18 22	1 7	28 1	4 18	14 50	14 35	27 42		n.a.
M11	18 43	3 44	2 13	21 26	1 49	2 22	0 52	19 59	1 9	8 6	1 46	21 20	1 19	24 16	0 28	18 21	1 7	28 2	4 18	14 49	14 36	27 42		n.a.
T 12	18 28	2n15	3 13	20 58	1 48	1 51	0 57	19 49	1 9	8 9	1 46	21 19	1 19	24 16	0 28	18 20	1 7	28 2	4 18	14 49	14 37	27 41		n.a.
W13	18 12	8 15	4 5	20 28	1 46	1 20	1 2	19 38	1 9	8 11	1 47	21 17	1 19	24 16	0 28	18 20	1 7	28 2	4 18	14 49	14 38	27 40		n.a.
T 14	17 56	14 2	4 44	19 56	1 45	0 48	1 7	19 28	1 9	8 13	1 47	21 15	1 19	24 16	0 28	18 19	1 7	28 2	4 19	14 48	14 39	27 39		n.a.
F 15	17 40	19 16	5 9	19 23	1 42	0 17	1 12	19 17	1 8	8 16	1 47	21 14	1 19	24 16	0 28	18 18	1 7	28 2	4 19	14 48	14 40	27 39		n.a.
S 16	17 23	23 38	5 17	18 49	1 39	0s14	1 17	19 6	1 8	8 18	1 47	21 12	1 19	24 16	0 28	18 18	1 7	28 3	4 19	14 48	14 41	27 38		n.a.
S 17	17 6	26 41	5 6	18 14	1 36	0 45	1 21	18 55	1 8	8 21	1 48	21 10	1 20	24 16	0 28	18 17	1 7	28 3	4 19	14 48	14 42	27 37		n.a.
M18	16 49	28 3	4 35	17 38	1 32	1 16	1 26	18 44	1 8	8 23	1 48	21 9	1 20	24 16	0 28	18 17	1 7	28 3	4 19	14 49	14 43	27 36		n.a.
T 19	16 32	27 28	3 46	17 1	1 28	1 47	1 32	18 33	1 8	8 26	1 48	21 7	1 20	24 16	0 28	18 16	1 7	28 3	4 19	14 49	14 44	27 36		n.a.
W20	16 14	24 56	2 41	16 23	1 24	2 18	1 37	18 22	1 8	8 29	1 48	21 5	1 20	24 16	0 28	18 15	1 7	28 3	4 20	14 49	14 45	27 35		n.a.
T 21	15 56	20 41	1 26	15 44	1 19	2 49	1 42	18 10	1 8	8 31	1 48	21 4	1 20	24 16	0 28	18 15	1 7	28 4	4 20	14 49	14 46	27 34		n.a.
F 22	15 38	15 12	0 5	15 5	1 14	3 20	1 47	17 59	1 8	8 34	1 49	21 2	1 20	24 16	0 28	18 14	1 7	28 4	4 20	14 49	14 47	27 33		n.a.
S 23	15 19	8 56	1s15	14 25	1 9	3 50	1 52	17 47	1 8	8 37	1 49	21 1	1 20	24 16	0 28	18 13	1 7	28 4	4 20	14 49	14 48	27 33		n.a.
S 24	15 0	2 23	2 28	13 45	1 3	4 21	1 57	17 35	1 7	8 40	1 49	20 59	1 20	24 16	0 28	18 13	1 7	28 4	4 20	14 49	14 49	27 32		n.a.
M25	14 41	4s 6	3 31	13 4	0 58	4 52	2 2	17 23	1 7	8 43	1 49	20 57	1 20	24 16	0 28	18 12	1 7	28 4	4 20	14 49	14 50	27 31		n.a.
T 26	14 22	10 12	4 20	12 22	0 52	5 22	2 7	17 11	1 7	8 46	1 49	20 56	1 20	24 16	0 28	18 11	1 7	28 5	4 21	14 49	14 52	27 30		n.a.
W27	14 2	15 41	4 54	11 41	0 46	5 52	2 12	16 59	1 7	8 49	1 49	20 54	1 21	24 16	0 28	18 11	1 7	28 5	4 21	14 49	14 53	27 29		n.a.
T 28	13 42	20 21	5 13	10 59	0 40	6 22	2 17	16 46	1 7	8 51	1 49	20 52	1 21	24 16	0 28	18 10	1 7	28 5	4 21	14 49	14 54	27 29		n.a.
F 29	13 22	24 2	5 17	10 17	0 33	6 52	2 23	16 34	1 7	8 54	1 50	20 51	1 21	24 16	0 28	18 10	1 7	28 5	4 21	14 49	14 55	27 28		n.a.
S 30	13 2	26 35	5 7	9 34	0 27	7 22	2 28	16 21	1 7	8 58	1 50	20 49	1 21	24 16	0 28	18 9	1 7	28 5	4 21	14 49	14 56	27 27		n.a.
S 31	12n41	27s55	4s44	8n52	0n20	7s52	2s33	16n 8	1n 6	9s 1	1s50	20n48	1n21	24s16	0s28	18n 8	1n 7	28n 6	4n21	14s49	14s57	27s26		n.a.

Julian Day Number = 1346523.5, Delta T = 07h11m06s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'44, Lahiri = -18°07'43 Julian Calendar 1 Aug. 1027 BCE == Greg. Calendar 22 July 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

SEPTEMBER 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 0 15	28♌ 2'05	29♐16	10♍ 0	14♎49	20♌31	11°R29	4♌27	1°R22	13♌24	25♊29	20♒43	20♒16	4♑37	n.a.	M 1
T 2	22 4 11	29° 1'30	11♑ 7	11°35	15°51	21°10	11♓21	4°34	1♑21	13°26	25°29	20°44	20°13	4°44	n.a.	T 2
W 3	22 8 8	0♍ 0'57	23° 2	13° 9	16°53	21°50	11°13	4°41	1°20	13°29	25°30	20°45	20°10	4°50	n.a.	W 3
T 4	22 12 4	1° 0'27	5♒ 3	14°42	17°55	22°29	11° 5	4°48	1°19	13°31	25°31	20°45	20° 6	4°57	n.a.	T 4
F 5	22 16 1	1°59'58	17°15	16°15	18°56	23° 9	10°57	4°55	1°18	13°33	25°32	20°R46	20° 3	5° 4	n.a.	F 5
S 6	22 19 57	2°59'31	29°39	17°47	19°57	23°49	10°49	5° 1	1°18	13°35	25°33	20°46	20° 0	5°11	n.a.	S 6
S 7	22 23 54	3°59'07	12♓15	19°18	20°58	24°28	10°41	5° 8	1°17	13°37	25°34	20°45	19°57	5°17	n.a.	S 7
M 8	22 27 50	4°58'44	25° 5	20°49	21°58	25° 8	10°33	5°15	1°16	13°39	25°34	20°43	19°54	5°24	n.a.	M 8
T 9	22 31 47	5°58'24	8♈ 9	22°18	22°58	25°48	10°25	5°22	1°16	13°41	25°35	20°41	19°50	5°31	n.a.	T 9
W10	22 35 44	6°58'06	21°27	23°47	23°57	26°27	10°17	5°29	1°15	13°44	25°36	20°39	19°47	5°37	n.a.	W10
T 11	22 39 40	7°57'51	4♉57	25°16	24°56	27° 7	10° 9	5°35	1°15	13°46	25°37	20°37	19°44	5°44	n.a.	T 11
F 12	22 43 37	8°57'37	18°40	26°43	25°55	27°47	10° 1	5°42	1°14	13°48	25°37	20°35	19°41	5°51	n.a.	F 12
S 13	22 47 33	9°57'27	2♊34	28°10	26°53	28°27	9°53	5°49	1°14	13°50	25°38	20°34	19°38	5°57	n.a.	S 13
S 14	22 51 30	10°57'19	16°39	29°36	27°51	29° 7	9°45	5°55	1°13	13°52	25°39	20°D34	19°35	6° 4	n.a.	S 14
M15	22 55 26	11°57'13	0♋52	1♎ 2	28°48	29°46	9°36	6° 2	1°13	13°54	25°39	20°35	19°31	6°11	n.a.	M15
T 16	22 59 23	12°57'10	15°12	2°26	29°45	0♍26	9°28	6° 8	1°13	13°56	25°40	20°36	19°28	6°17	n.a.	T 16
W17	23 3 19	13°57'08	29°36	3°50	0♏42	1° 6	9°20	6°15	1°13	13°58	25°40	20°38	19°25	6°24	n.a.	W17
T 18	23 7 16	14°57'10	14♌ 0	5°13	1°38	1°46	9°12	6°21	1°12	14° 0	25°41	20°R39	19°22	6°31	n.a.	T 18
F 19	23 11 13	15°57'13	28°20	6°35	2°33	2°26	9° 4	6°28	1°12	14° 2	25°41	20°39	19°19	6°37	n.a.	F 19
S 20	23 15 9	16°57'18	12♍31	7°55	3°28	3° 6	8°56	6°34	1°12	14° 4	25°42	20°37	19°16	6°44	n.a.	S 20
S 21	23 19 6	17°57'26	26°28	9°15	4°22	3°46	8°48	6°40	1°D12	14° 6	25°42	20°34	19°12	6°51	n.a.	S 21
M22	23 23 2	18°57'35	10♎ 7	10°34	5°16	4°27	8°40	6°46	1°12	14° 8	25°43	20°30	19° 9	6°57	n.a.	M22
T 23	23 26 59	19°57'46	23°26	11°51	6° 9	5° 7	8°33	6°52	1°12	14° 9	25°43	20°26	19° 6	7° 4	n.a.	T 23
W24	23 30 55	20°57'59	6♏24	13° 7	7° 2	5°47	8°25	6°59	1°12	14°11	25°43	20°20	19° 3	7°11	n.a.	W24
T 25	23 34 52	21°58'14	19° 2	14°22	7°54	6°27	8°17	7° 5	1°13	14°13	25°44	20°16	19° 0	7°17	n.a.	T 25
F 26	23 38 48	22°58'31	1♐22	15°35	8°45	7° 7	8° 9	7°10	1°13	14°15	25°44	20°12	18°56	7°24	n.a.	F 26
S 27	23 42 45	23°58'49	13°27	16°46	9°35	7°48	8° 2	7°16	1°13	14°17	25°44	20°10	18°53	7°31	n.a.	S 27
S 28	23 46 41	24°59'09	25°23	17°55	10°25	8°28	7°54	7°22	1°14	14°19	25°45	20°D10	18°50	7°38	n.a.	S 28
M29	23 50 38	25°59'30	7♑13	19° 2	11°14	9° 8	7°47	7°28	1°14	14°20	25°45	20°10	18°47	7°44	n.a.	M29
T 30	23 54 35	26♍59'53	19♑ 4	20♎ 6	12♏ 2	9♍48	7♓40	7♌34	1♑14	14♌22	25♊45	20♒12	18♒44	7♑51	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n21	27s57	4s 8	8n 9	0n14	8s21	2s38	15n55	1n 6	9s 4	1s50	20n46	1n21	24s16	0s28	18n 8	1n 7	28n 6	4n22	14s49	14s58	27s25		n.a.
T 2	12 0	26 43	3 23	7 26	0 7	8 50	2 43	15 42	1 6	9 7	1 50	20 44	1 21	24 16	0 28	18 7	1 7	28 6	4 22	14 49	14 59	27 24		n.a.
W 3	11 39	24 15	2 28	6 43	0s 0	9 19	2 48	15 29	1 6	9 10	1 50	20 43	1 21	24 16	0 28	18 6	1 7	28 6	4 22	14 48	15 0	27 23		n.a.
T 4	11 17	20 42	1 26	6 1	0 7	9 48	2 53	15 16	1 6	9 13	1 50	20 41	1 22	24 16	0 28	18 6	1 7	28 6	4 22	14 48	15 1	27 23		n.a.
F 5	10 56	16 13	0 19	5 18	0 14	10 16	2 58	15 3	1 6	9 16	1 50	20 40	1 22	24 16	0 28	18 5	1 7	28 7	4 22	14 48	15 2	27 22		n.a.
S 6	10 34	11 1	0n49	4 35	0 21	10 44	3 3	14 49	1 5	9 19	1 50	20 38	1 22	24 16	0 28	18 5	1 7	28 7	4 22	14 48	15 3	27 21		n.a.
S 7	10 12	5 17	1 56	3 52	0 28	11 12	3 8	14 36	1 5	9 22	1 50	20 36	1 22	24 16	0 28	18 4	1 7	28 7	4 23	14 48	15 4	27 20		n.a.
M 8	9 50	0n45	2 59	3 10	0 35	11 40	3 13	14 22	1 5	9 25	1 50	20 35	1 22	24 16	0 28	18 3	1 7	28 7	4 23	14 49	15 5	27 19		n.a.
T 9	9 28	6 50	3 53	2 28	0 42	12 7	3 18	14 8	1 5	9 29	1 50	20 33	1 22	24 16	0 28	18 3	1 7	28 8	4 23	14 49	15 6	27 18		n.a.
W10	9 5	12 44	4 36	1 45	0 49	12 34	3 23	13 54	1 5	9 32	1 50	20 32	1 22	24 16	0 28	18 2	1 7	28 8	4 23	14 50	15 7	27 17		n.a.
T 11	8 43	18 8	5 4	1 4	0 56	13 1	3 28	13 40	1 4	9 35	1 50	20 30	1 23	24 16	0 28	18 2	1 7	28 8	4 23	14 51	15 8	27 16		n.a.
F 12	8 20	22 41	5 15	0 22	1 3	13 27	3 32	13 26	1 4	9 38	1 50	20 29	1 23	24 16	0 28	18 1	1 7	28 8	4 24	14 51	15 9	27 15		n.a.
S 13	7 57	26 2	5 9	0s19	1 10	13 53	3 37	13 12	1 4	9 41	1 50	20 27	1 23	24 16	0 28	18 1	1 7	28 8	4 24	14 52	15 10	27 14		n.a.
S 14	7 34	27 50	4 43	1 0	1 17	14 19	3 42	12 58	1 4	9 44	1 50	20 26	1 23	24 16	0 28	18 0	1 7	28 9	4 24	14 52	15 11	27 13		n.a.
M15	7 11	27 50	4 1	1 41	1 23	14 44	3 46	12 43	1 4	9 47	1 50	20 24	1 23	24 16	0 28	17 59	1 7	28 9	4 24	14 52	15 12	27 12		n.a.
T 16	6 48	25 58	3 3	2 21	1 30	15 9	3 51	12 29	1 3	9 50	1 50	20 23	1 23	24 16	0 28	17 59	1 7	28 9	4 24	14 51	15 13	27 11		n.a.
W17	6 25	22 24	1 53	3 1	1 36	15 34	3 55	12 14	1 3	9 53	1 50	20 21	1 23	24 16	0 28	17 58	1 7	28 9	4 24	14 51	15 14	27 10		n.a.
T 18	6 1	17 28	0 36	3 40	1 43	15 58	4 0	11 59	1 3	9 57	1 50	20 20	1 24	24 16	0 27	17 58	1 7	28 9	4 25	14 50	15 15	27 9		n.a.
F 19	5 38	11 35	0s42	4 19	1 49	16 21	4 4	11 45	1 3	10 0	1 50	20 18	1 24	24 16	0 27	17 57	1 7	28 10	4 25	14 50	15 16	27 8		n.a.
S 20	5 14	5 10	1 57	4 57	1 55	16 45	4 8	11 30	1 3	10 3	1 50	20 17	1 24	24 16	0 27	17 57	1 7	28 10	4 25	14 51	15 17	27 7		n.a.
S 21	4 50	1s23	3 4	5 34	2 1	17 8	4 12	11 15	1 2	10 6	1 50	20 15	1 24	24 16	0 27	17 56	1 7	28 10	4 25	14 52	15 18	27 6		n.a.
M22	4 26	7 43	3 59	6 11	2 7	17 30	4 16	11 0	1 2	10 8	1 50	20 14	1 24	24 16	0 27	17 56	1 7	28 10	4 25	14 53	15 19	27 5		n.a.
T 23	4 2	13 32	4 39	6 47	2 12	17 52	4 20	10 45	1 2	10 11	1 50	20 12	1 24	24 16	0 27	17 55	1 7	28 10	4 26	14 55	15 20	27 4		n.a.
W24	3 38	18 37	5 3	7 22	2 18	18 13	4 24	10 29	1 2	10 14	1 50	20 11	1 25	24 16	0 27	17 54	1 8	28 11	4 26	14 56	15 21	27 3		n.a.
T 25	3 14	22 45	5 12	7 56	2 23	18 34	4 28	10 14	1 1	10 17	1 50	20 10	1 25	24 16	0 27	17 54	1 8	28 11	4 26	14 58	15 22	27 2		n.a.
F 26	2 50	25 45	5 6	8 29	2 27	18 55	4 31	9 59	1 1	10 20	1 50	20 8	1 25	24 16	0 27	17 53	1 8	28 11	4 26	14 59	15 23	27 1		n.a.
S 27	2 26	27 31	4 47	9 1	2 32	19 15	4 35	9 43	1 1	10 23	1 49	20 7	1 25	24 16	0 27	17 53	1 8	28 11	4 26	14 59	15 24	27 0		n.a.
S 28	2 1	28 0	4 15	9 31	2 35	19 34	4 38	9 28	1 1	10 25	1 49	20 6	1 25	24 16	0 27	17 52	1 8	28 11	4 27	15 0	15 25	26 59		n.a.
M29	1 37	27 10	3 33	10 1	2 39	19 53	4 41	9 12	1 0	10 28	1 49	20 4	1 25	24 16	0 27	17 52	1 8	28 12	4 27	14 59	15 26	26 58		n.a.
T 30	1n13	25s 6	2s42	10s28	2s42	20s11	4s44	8n56	1n 0	10s31	1s49	20n 3	1n26	24s16	0s27	17n51	1n 8	28n12	4n27	14s59	15s27	26s57		n.a.

Julian Day Number = 1346554.5, Delta T = 07h11m04s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'39, Lahiri = -18°07'39 Julian Calendar 1 Sept. 1027 BCE == Greg. Calendar 22 Aug. 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

OCTOBER 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 58 31	28♍ 0'18	0♒59	21♎ 8	12♏50	10♍29	7°R33	7♌39	1♉15	14♌24	25♊45	20♒14	18♒41	7♉58	n.a.	W 1
T 2	0 2 28	29° 0'44	13° 5	22° 7	13°36	11° 9	7♓26	7°45	1°15	14°26	25°45	20°15	18°37	8° 4	n.a.	T 2
F 3	0 6 24	0♎ 1'12	25°24	23° 2	14°21	11°50	7°19	7°51	1°16	14°27	25°45	20°R15	18°34	8°11	n.a.	F 3
S 4	0 10 21	1° 1'41	8♓ 0	23°53	15° 6	12°30	7°12	7°56	1°17	14°29	25°46	20°13	18°31	8°18	n.a.	S 4
S 5	0 14 17	2° 2'12	20°53	24°39	15°50	13°11	7° 5	8° 1	1°17	14°31	25°46	20°10	18°28	8°24	n.a.	S 5
M 6	0 18 14	3° 2'44	4♈ 6	25°21	16°32	13°51	6°59	8° 7	1°18	14°32	25°46	20° 4	18°25	8°31	n.a.	M 6
T 7	0 22 10	4° 3'18	17°36	25°57	17°13	14°32	6°52	8°12	1°19	14°34	25°R46	19°57	18°21	8°38	n.a.	T 7
W 8	0 26 7	5° 3'54	1♉21	26°27	17°54	15°12	6°46	8°17	1°20	14°36	25°46	19°49	18°18	8°44	n.a.	W 8
T 9	0 30 4	6° 4'32	15°17	26°51	18°33	15°53	6°40	8°22	1°21	14°37	25°46	19°42	18°15	8°51	n.a.	T 9
F 10	0 34 0	7° 5'11	29°21	27° 6	19°11	16°34	6°34	8°27	1°22	14°39	25°46	19°35	18°12	8°58	n.a.	F 10
S 11	0 37 57	8° 5'53	13♊29	27°R14	19°47	17°14	6°28	8°32	1°23	14°40	25°45	19°30	18° 9	9° 4	n.a.	S 11
S 12	0 41 53	9° 6'36	27°38	27°12	20°23	17°55	6°22	8°37	1°24	14°42	25°45	19°28	18° 6	9°11	n.a.	S 12
M13	0 45 50	10° 7'21	11♋47	27° 0	20°57	18°36	6°17	8°42	1°25	14°43	25°45	19°D27	18° 2	9°18	n.a.	M13
T 14	0 49 46	11° 8'08	25°52	26°39	21°29	19°17	6°11	8°47	1°26	14°44	25°45	19°28	17°59	9°24	n.a.	T 14
W15	0 53 43	12° 8'57	9♌54	26° 7	22° 0	19°58	6° 6	8°51	1°27	14°46	25°45	19°29	17°56	9°31	n.a.	W15
T 16	0 57 39	13° 9'47	23°52	25°24	22°30	20°38	6° 1	8°56	1°28	14°47	25°45	19°R29	17°53	9°38	n.a.	T 16
F 17	1 1 36	14°10'39	7♍44	24°31	22°58	21°19	5°56	9° 0	1°30	14°49	25°44	19°28	17°50	9°44	n.a.	F 17
S 18	1 5 33	15°11'33	21°28	23°29	23°24	22° 0	5°52	9° 5	1°31	14°50	25°44	19°24	17°47	9°51	n.a.	S 18
S 19	1 9 29	16°12'28	5♎ 2	22°18	23°49	22°41	5°47	9° 9	1°32	14°51	25°44	19°17	17°43	9°58	n.a.	S 19
M20	1 13 26	17°13'24	18°23	21° 1	24°11	23°22	5°43	9°13	1°34	14°52	25°43	19° 8	17°40	10° 4	n.a.	M20
T 21	1 17 22	18°14'21	1♏30	19°41	24°32	24° 3	5°39	9°17	1°35	14°54	25°43	18°57	17°37	10°11	n.a.	T 21
W22	1 21 19	19°15'20	14°20	18°18	24°51	24°44	5°35	9°21	1°37	14°55	25°43	18°45	17°34	10°18	n.a.	W22
T 23	1 25 15	20°16'20	26°53	16°57	25° 8	25°25	5°31	9°25	1°39	14°56	25°42	18°34	17°31	10°24	n.a.	T 23
F 24	1 29 12	21°17'21	9♐11	15°41	25°23	26° 7	5°28	9°29	1°40	14°57	25°42	18°25	17°27	10°31	n.a.	F 24
S 25	1 33 8	22°18'23	21°16	14°30	25°36	26°48	5°24	9°33	1°42	14°58	25°41	18°18	17°24	10°38	n.a.	S 25
S 26	1 37 5	23°19'26	3♑10	13°28	25°47	27°29	5°21	9°37	1°44	14°59	25°41	18°13	17°21	10°44	n.a.	S 26
M27	1 41 2	24°20'29	15° 0	12°37	25°55	28°10	5°18	9°40	1°45	15° 0	25°40	18°11	17°18	10°51	n.a.	M27
T 28	1 44 58	25°21'34	26°49	11°56	26° 2	28°51	5°15	9°44	1°47	15° 2	25°40	18°D10	17°15	10°58	n.a.	T 28
W29	1 48 55	26°22'39	8♒43	11°27	26° 5	29°33	5°13	9°47	1°49	15° 2	25°39	18°11	17°12	11° 4	n.a.	W29
T 30	1 52 51	27°23'45	20°48	11° 9	26°R 7	0♎14	5°10	9°51	1°51	15° 3	25°39	18°R11	17° 8	11°11	n.a.	T 30
F 31	1 56 48	28♎24'51	3♓ 8	11°D 2	26♏ 6	0♎55	5♓ 8	9♌54	1♉53	15♌ 4	25♊38	18♒10	17♒ 5	11♉18	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n48	21s56	1s43	10s54	2s45	20s29	4s47	8n40	1n 0	10s33	1s49	20n 2	1n26	24s16	0s27	17n51	1n 8	28n12	4n27	14s58	15s28	26s56		n.a.
T 2	0 24	17 47	0 39	11 19	2 47	20 46	4 50	8 25	1 0	10 36	1 49	20 0	1 26	24 16	0 27	17 50	1 8	28 12	4 27	14 58	15 29	26 55		n.a.
F 3	0s 0	12 49	0n28	11 41	2 48	21 3	4 53	8 9	0 59	10 38	1 49	19 59	1 26	24 16	0 27	17 50	1 8	28 12	4 28	14 58	15 30	26 54		n.a.
S 4	0 25	7 14	1 35	12 1	2 48	21 19	4 55	7 53	0 59	10 41	1 48	19 58	1 26	24 16	0 27	17 50	1 8	28 13	4 28	14 58	15 31	26 53		n.a.
S 5	0 49	1 15	2 38	12 18	2 48	21 34	4 57	7 37	0 59	10 43	1 48	19 57	1 27	24 16	0 27	17 49	1 8	28 13	4 28	15 0	15 32	26 51		n.a.
M 6	1 14	4n56	3 35	12 33	2 47	21 49	4 59	7 21	0 58	10 45	1 48	19 55	1 27	24 16	0 27	17 49	1 8	28 13	4 28	15 1	15 33	26 50		n.a.
T 7	1 38	11 1	4 20	12 44	2 45	22 3	5 1	7 5	0 58	10 47	1 48	19 54	1 27	24 16	0 27	17 48	1 8	28 13	4 28	15 4	15 34	26 49		n.a.
W 8	2 3	16 40	4 52	12 53	2 42	22 16	5 3	6 48	0 58	10 50	1 48	19 53	1 27	24 16	0 27	17 48	1 8	28 13	4 28	15 6	15 35	26 48		n.a.
T 9	2 27	21 33	5 7	12 57	2 38	22 29	5 4	6 32	0 58	10 52	1 47	19 52	1 27	24 16	0 27	17 47	1 8	28 14	4 29	15 9	15 36	26 47		n.a.
F 10	2 51	25 15	5 3	12 58	2 33	22 41	5 5	6 16	0 57	10 54	1 47	19 51	1 27	24 16	0 27	17 47	1 8	28 14	4 29	15 11	15 37	26 46		n.a.
S 11	3 16	27 26	4 41	12 54	2 26	22 52	5 6	5 59	0 57	10 56	1 47	19 49	1 28	24 16	0 27	17 47	1 8	28 14	4 29	15 12	15 38	26 45		n.a.
S 12	3 40	27 50	4 2	12 46	2 17	23 2	5 7	5 43	0 57	10 58	1 47	19 48	1 28	24 16	0 27	17 46	1 8	28 14	4 29	15 13	15 39	26 43		n.a.
M13	4 4	26 25	3 9	12 32	2 7	23 12	5 7	5 26	0 56	11 0	1 46	19 47	1 28	24 16	0 27	17 46	1 8	28 14	4 29	15 13	15 40	26 42		n.a.
T 14	4 28	23 20	2 3	12 14	1 55	23 21	5 7	5 10	0 56	11 1	1 46	19 46	1 28	24 16	0 27	17 45	1 8	28 14	4 30	15 13	15 41	26 41		n.a.
W15	4 53	18 52	0 51	11 49	1 42	23 30	5 7	4 53	0 56	11 3	1 46	19 45	1 28	24 16	0 27	17 45	1 8	28 15	4 30	15 13	15 42	26 40		n.a.
T 16	5 17	13 24	0s24	11 19	1 27	23 37	5 7	4 37	0 55	11 5	1 46	19 44	1 29	24 16	0 27	17 45	1 8	28 15	4 30	15 13	15 43	26 39		n.a.
F 17	5 41	7 19	1 36	10 44	1 10	23 44	5 6	4 20	0 55	11 6	1 45	19 43	1 29	24 16	0 27	17 44	1 8	28 15	4 30	15 13	15 44	26 38		n.a.
S 18	6 5	0 57	2 43	10 4	0 52	23 50	5 5	4 3	0 55	11 8	1 45	19 42	1 29	24 16	0 27	17 44	1 8	28 15	4 30	15 14	15 45	26 36		n.a.
S 19	6 28	5s22	3 39	9 19	0 33	23 55	5 3	3 47	0 54	11 9	1 45	19 41	1 29	24 16	0 27	17 44	1 8	28 15	4 31	15 17	15 46	26 35		n.a.
M20	6 52	11 20	4 22	8 31	0 12	23 59	5 2	3 30	0 54	11 11	1 45	19 40	1 30	24 16	0 27	17 43	1 9	28 16	4 31	15 19	15 47	26 34		n.a.
T 21	7 16	16 42	4 50	7 41	0n 8	24 2	4 59	3 13	0 54	11 12	1 44	19 39	1 30	24 16	0 27	17 43	1 9	28 16	4 31	15 23	15 48	26 33		n.a.
W22	7 39	21 12	5 3	6 50	0 29	24 4	4 57	2 56	0 53	11 13	1 44	19 38	1 30	24 16	0 27	17 43	1 9	28 16	4 31	15 26	15 49	26 31		n.a.
T 23	8 3	24 38	5 0	6 1	0 49	24 6	4 54	2 39	0 53	11 14	1 44	19 38	1 30	24 15	0 27	17 42	1 9	28 16	4 31	15 30	15 50	26 30		n.a.
F 24	8 26	26 51	4 44	5 13	1 8	24 6	4 50	2 22	0 53	11 15	1 43	19 37	1 30	24 15	0 27	17 42	1 9	28 16	4 32	15 33	15 51	26 29		n.a.
S 25	8 49	27 46	4 15	4 30	1 26	24 6	4 46	2 5	0 52	11 16	1 43	19 36	1 31	24 15	0 27	17 42	1 9	28 16	4 32	15 35	15 52	26 28		n.a.
S 26	9 12	27 23	3 36	3 51	1 41	24 4	4 42	1 48	0 52	11 17	1 43	19 35	1 31	24 15	0 27	17 41	1 9	28 17	4 32	15 37	15 53	26 26		n.a.
M27	9 35	25 44	2 47	3 18	1 55	24 2	4 37	1 31	0 51	11 18	1 43	19 34	1 31	24 15	0 27	17 41	1 9	28 17	4 32	15 37	15 54	26 25		n.a.
T 28	9 58	22 57	1 51	2 51	2 7	23 58	4 32	1 14	0 51	11 19	1 42	19 34	1 31	24 15	0 27	17 41	1 9	28 17	4 32	15 37	15 55	26 24		n.a.
W29	10 20	19 10	0 50	2 30	2 17	23 53	4 26	0 57	0 51	11 19	1 42	19 33	1 32	24 15	0 27	17 41	1 9	28 17	4 32	15 37	15 56	26 23		n.a.
T 30	10 43	14 34	0n14	2 16	2 25	23 47	4 20	0 40	0 50	11 20	1 42	19 32	1 32	24 15	0 27	17 40	1 9	28 17	4 33	15 37	15 57	26 21		n.a.
F 31	11s 5	9s18	1n19	2s 8	2n30	23s40	4s13	0n23	0n50	11s21	1s41	19n31	1n32	24s15	0s27	17n40	1n 9	28n17	4n33	15s38	15s58	26s20		n.a.

Julian Day Number = 1346584.5, Delta T = 07h11m03s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'35, Lahiri = -18°07'35 Julian Calendar 1 Oct. 1027 BCE == Greg. Calendar 21 Sept. 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

NOVEMBER 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 0 44	29♎25'58	15♓49	11♎ 6	26°R 2	1♎37	5°R 6	9♌57	1♉55	15♌ 5	25°R37	18°R 7	17♒ 2	11♉24	n.a.	S 1
S 2	2 4 41	0♏27'05	28°53	11°20	25♏56	2°18	5♓ 5	10° 0	1°57	15° 6	25♊37	18♒ 1	16°59	11°31	n.a.	S 2
M 3	2 8 37	1°28'14	12♈22	11°42	25°47	3° 0	5° 3	10° 3	1°59	15° 7	25°36	17°52	16°56	11°38	n.a.	M 3
T 4	2 12 34	2°29'23	26°14	12°13	25°36	3°41	5° 2	10° 6	2° 1	15° 8	25°35	17°41	16°53	11°44	n.a.	T 4
W 5	2 16 31	3°30'32	10♉25	12°51	25°23	4°23	5° 1	10° 8	2° 3	15° 9	25°35	17°29	16°49	11°51	n.a.	W 5
T 6	2 20 27	4°31'43	24°51	13°35	25° 7	5° 4	5° 0	10°11	2° 6	15° 9	25°34	17°17	16°46	11°58	n.a.	T 6
F 7	2 24 24	5°32'54	9♊23	14°25	24°48	5°46	4°59	10°14	2° 8	15°10	25°33	17° 7	16°43	12° 5	n.a.	F 7
S 8	2 28 20	6°34'06	23°57	15°20	24°27	6°27	4°59	10°16	2°10	15°11	25°32	16°58	16°40	12°11	n.a.	S 8
S 9	2 32 17	7°35'19	8♋24	16°20	24° 4	7° 9	4°58	10°18	2°12	15°11	25°31	16°53	16°37	12°18	n.a.	S 9
M10	2 36 13	8°36'33	22°42	17°23	23°39	7°51	4°D58	10°21	2°15	15°12	25°31	16°51	16°33	12°25	n.a.	M10
T 11	2 40 10	9°37'48	6♌48	18°30	23°12	8°33	4°58	10°23	2°17	15°12	25°30	16°50	16°30	12°31	n.a.	T 11
W12	2 44 7	10°39'03	20°41	19°39	22°43	9°14	4°59	10°25	2°20	15°13	25°29	16°50	16°27	12°38	n.a.	W12
T 13	2 48 3	11°40'19	4♍23	20°51	22°13	9°56	4°59	10°27	2°22	15°13	25°28	16°49	16°24	12°45	n.a.	T 13
F 14	2 52 0	12°41'36	17°53	22° 6	21°40	10°38	5° 0	10°29	2°25	15°14	25°27	16°46	16°21	12°51	n.a.	F 14
S 15	2 55 56	13°42'53	1♎13	23°22	21° 7	11°20	5° 1	10°30	2°27	15°14	25°26	16°41	16°18	12°58	n.a.	S 15
S 16	2 59 53	14°44'11	14°22	24°40	20°32	12° 2	5° 2	10°32	2°30	15°15	25°25	16°32	16°14	13° 5	n.a.	S 16
M17	3 3 49	15°45'29	27°21	26° 0	19°57	12°44	5° 4	10°33	2°32	15°15	25°24	16°20	16°11	13°11	n.a.	M17
T 18	3 7 46	16°46'47	10♏ 8	27°21	19°21	13°26	5° 5	10°35	2°35	15°15	25°23	16° 7	16° 8	13°18	n.a.	T 18
W19	3 11 42	17°48'06	22°43	28°43	18°44	14° 8	5° 7	10°36	2°38	15°16	25°22	15°52	16° 5	13°25	n.a.	W19
T 20	3 15 39	18°49'25	5♐ 6	0♏ 7	18° 8	14°50	5° 9	10°37	2°40	15°16	25°21	15°38	16° 2	13°31	n.a.	T 20
F 21	3 19 36	19°50'44	17°17	1°31	17°32	15°32	5°11	10°38	2°43	15°16	25°20	15°25	15°58	13°38	n.a.	F 21
S 22	3 23 32	20°52'03	29°17	2°56	16°55	16°14	5°14	10°39	2°46	15°16	25°19	15°15	15°55	13°45	n.a.	S 22
S 23	3 27 29	21°53'22	11♑ 9	4°22	16°20	16°56	5°16	10°40	2°49	15°17	25°18	15° 8	15°52	13°51	n.a.	S 23
M24	3 31 25	22°54'40	22°57	5°49	15°46	17°38	5°19	10°41	2°52	15°17	25°17	15° 3	15°49	13°58	n.a.	M24
T 25	3 35 22	23°55'59	4♒44	7°16	15°12	18°20	5°22	10°41	2°54	15°17	25°16	15° 1	15°46	14° 5	n.a.	T 25
W26	3 39 18	24°57'16	16°36	8°43	14°40	19° 2	5°25	10°42	2°57	15°17	25°14	15°D 1	15°43	14°11	n.a.	W26
T 27	3 43 15	25°58'34	28°37	10°12	14° 9	19°45	5°29	10°42	3° 0	15°R17	25°13	15°R 1	15°39	14°18	n.a.	T 27
F 28	3 47 12	26°59'51	10♓55	11°41	13°40	20°27	5°32	10°43	3° 3	15°17	25°12	15° 0	15°36	14°25	n.a.	F 28
S 29	3 51 8	28° 1'07	23°33	13°10	13°13	21° 9	5°36	10°43	3° 6	15°17	25°11	14°58	15°33	14°31	n.a.	S 29
S 30	3 55 5	29♏ 2'23	6♈37	14♏40	12♏48	21♎52	5♓40	10°R43	3♑ 9	15♌17	25♊10	14♒53	15♒30	14♑38	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s27	3s31	2n21	2s 6	2n35	23s32	4s 6	0n 6	0n50	11s21	1s41	19n31	1n32	24s15	0s27	17n40	1n 9	28n18	4n33	15s39	15s59	26s19		n.a.
S 2	11 49	2n34	3 18	2 9	2 37	23 23	3 58	0s11	0 49	11 21	1 41	19 30	1 32	24 15	0 27	17 40	1 9	28 18	4 33	15 40	16 0	26 17		n.a.
M 3	12 10	8 43	4 6	2 17	2 38	23 13	3 49	0 28	0 49	11 22	1 40	19 30	1 33	24 15	0 27	17 40	1 9	28 18	4 33	15 43	16 1	26 16		n.a.
T 4	12 32	14 37	4 40	2 29	2 38	23 1	3 40	0 45	0 48	11 22	1 40	19 29	1 33	24 15	0 27	17 39	1 9	28 18	4 33	15 47	16 2	26 15		n.a.
W 5	12 53	19 53	4 58	2 45	2 37	22 48	3 30	1 2	0 48	11 22	1 40	19 29	1 33	24 15	0 27	17 39	1 9	28 18	4 34	15 50	16 3	26 13		n.a.
T 6	13 14	24 5	4 58	3 4	2 35	22 34	3 20	1 19	0 47	11 22	1 39	19 28	1 33	24 15	0 27	17 39	1 9	28 18	4 34	15 54	16 4	26 12		n.a.
F 7	13 35	26 48	4 39	3 27	2 32	22 19	3 9	1 36	0 47	11 22	1 39	19 28	1 34	24 15	0 27	17 39	1 9	28 18	4 34	15 57	16 4	26 11		n.a.
S 8	13 55	27 41	4 1	3 52	2 28	22 3	2 58	1 54	0 47	11 22	1 39	19 27	1 34	24 15	0 27	17 39	1 9	28 19	4 34	16 0	16 5	26 9		n.a.
S 9	14 16	26 41	3 8	4 19	2 24	21 46	2 46	2 11	0 46	11 22	1 38	19 27	1 34	24 15	0 27	17 38	1 9	28 19	4 34	16 1	16 6	26 8		n.a.
M10	14 36	23 55	2 4	4 48	2 19	21 27	2 33	2 28	0 46	11 21	1 38	19 26	1 34	24 15	0 27	17 38	1 10	28 19	4 35	16 2	16 7	26 7		n.a.
T 11	14 56	19 43	0 53	5 18	2 13	21 7	2 20	2 45	0 45	11 21	1 38	19 26	1 35	24 15	0 27	17 38	1 10	28 19	4 35	16 2	16 8	26 5		n.a.
W12	15 15	14 30	0s20	5 50	2 8	20 47	2 7	3 2	0 45	11 21	1 37	19 26	1 35	24 15	0 27	17 38	1 10	28 19	4 35	16 2	16 9	26 4		n.a.
T 13	15 35	8 38	1 31	6 24	2 1	20 25	1 53	3 19	0 44	11 20	1 37	19 25	1 35	24 15	0 27	17 38	1 10	28 19	4 35	16 3	16 10	26 2		n.a.
F 14	15 54	2 28	2 36	6 58	1 55	20 3	1 38	3 36	0 44	11 19	1 37	19 25	1 35	24 14	0 27	17 38	1 10	28 19	4 35	16 3	16 11	26 1		n.a.
S 15	16 12	3s43	3 31	7 33	1 48	19 40	1 24	3 53	0 43	11 19	1 36	19 25	1 36	24 14	0 27	17 38	1 10	28 19	4 35	16 5	16 12	26 0		n.a.
S 16	16 31	9 39	4 14	8 8	1 42	19 16	1 9	4 10	0 43	11 18	1 36	19 25	1 36	24 14	0 27	17 38	1 10	28 20	4 35	16 8	16 13	25 58		n.a.
M17	16 49	15 5	4 44	8 44	1 35	18 52	0 53	4 27	0 42	11 17	1 36	19 24	1 36	24 14	0 27	17 38	1 10	28 20	4 36	16 11	16 14	25 57		n.a.
T 18	17 7	19 47	4 58	9 20	1 27	18 27	0 38	4 44	0 42	11 16	1 35	19 24	1 36	24 14	0 27	17 38	1 10	28 20	4 36	16 16	16 15	25 55		n.a.
W19	17 25	23 32	4 57	9 57	1 20	18 2	0 22	5 1	0 41	11 15	1 35	19 24	1 37	24 14	0 27	17 38	1 10	28 20	4 36	16 20	16 16	25 54		n.a.
T 20	17 42	26 7	4 43	10 33	1 13	17 37	0 7	5 18	0 41	11 14	1 35	19 24	1 37	24 14	0 27	17 38	1 10	28 20	4 36	16 24	16 17	25 53		n.a.
F 21	17 59	27 26	4 15	11 10	1 5	17 11	0n 9	5 35	0 41	11 13	1 35	19 24	1 37	24 14	0 27	17 38	1 10	28 20	4 36	16 28	16 18	25 51		n.a.
S 22	18 15	27 26	3 37	11 47	0 58	16 46	0 24	5 52	0 40	11 12	1 34	19 24	1 37	24 14	0 27	17 38	1 10	28 20	4 36	16 31	16 19	25 50		n.a.
S 23	18 32	26 9	2 49	12 23	0 51	16 21	0 40	6 9	0 39	11 11	1 34	19 24	1 38	24 14	0 27	17 38	1 10	28 20	4 37	16 33	16 20	25 48		n.a.
M24	18 48	23 42	1 54	12 59	0 43	15 57	0 55	6 26	0 39	11 9	1 34	19 24	1 38	24 14	0 27	17 38	1 10	28 20	4 37	16 35	16 21	25 47		n.a.
T 25	19 3	20 16	0 54	13 35	0 36	15 33	1 10	6 43	0 38	11 8	1 33	19 24	1 38	24 14	0 27	17 38	1 10	28 21	4 37	16 35	16 22	25 45		n.a.
W26	19 18	15 59	0n 8	14 11	0 29	15 9	1 24	6 59	0 38	11 6	1 33	19 24	1 38	24 14	0 27	17 38	1 10	28 21	4 37	16 35	16 23	25 44		n.a.
T 27	19 33	11 1	1 12	14 46	0 21	14 46	1 38	7 16	0 37	11 5	1 33	19 24	1 39	24 14	0 27	17 38	1 10	28 21	4 37	16 35	16 24	25 42		n.a.
F 28	19 48	5 33	2 13	15 21	0 14	14 25	1 52	7 33	0 37	11 3	1 32	19 24	1 39	24 14	0 27	17 38	1 10	28 21	4 37	16 35	16 25	25 41		n.a.
S 29	20 2	0n17	3 9	15 56	0 7	14 4	2 6	7 49	0 36	11 1	1 32	19 25	1 39	24 13	0 27	17 38	1 10	28 21	4 37	16 36	16 26	25 39		n.a.
S 30	20s16	6n18	3n58	16s30	0s 0	13s44	2n18	8s 6	0n36	11s 0	1s32	19n25	1n39	24s13	0s27	17n38	1n11	28n21	4n37	16s38	16s27	25s38		n.a.

Julian Day Number = 1346615.5, Delta T = 07h11m01s
Ecliptic obliquity = 23°49'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'31, Lahiri = -18°07'31 Julian Calendar 1 Nov. 1027 BCE == Greg. Calendar 22 Oct. 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1027 BCE
geocentric

DECEMBER 1027 BCE (-1026) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 59 1	0♐ 3'38	20♈ 9	16♏10	12°R26	22♎34	5♓44	10°R43	3♉12	15°R16	25°R 8	14°R45	15♒27	14♉45	n.a.	M 1
T 2	4 2 58	1° 4'53	4♉10	17°41	12♏ 5	23°16	5°49	10♌43	3°15	15♌16	25♊ 7	14♒35	15°24	14°51	n.a.	T 2
W 3	4 6 54	2° 6'07	18°36	19°12	11°47	23°59	5°53	10°42	3°18	15°16	25° 6	14°24	15°20	14°58	n.a.	W 3
T 4	4 10 51	3° 7'21	3♊22	20°44	11°31	24°41	5°58	10°42	3°21	15°16	25° 5	14°12	15°17	15° 5	n.a.	T 4
F 5	4 14 47	4° 8'34	18°20	22°16	11°17	25°24	6° 3	10°42	3°25	15°16	25° 4	14° 2	15°14	15°11	n.a.	F 5
S 6	4 18 44	5° 9'48	3♋19	23°48	11° 7	26° 6	6° 8	10°41	3°28	15°15	25° 2	13°54	15°11	15°18	n.a.	S 6
S 7	4 22 41	6°11'00	18°12	25°21	10°58	26°49	6°13	10°40	3°31	15°15	25° 1	13°49	15° 8	15°25	n.a.	S 7
M 8	4 26 37	7°12'13	2♌51	26°55	10°52	27°31	6°19	10°40	3°34	15°15	25° 0	13°47	15° 4	15°31	n.a.	M 8
T 9	4 30 34	8°13'24	17°11	28°29	10°49	28°14	6°24	10°39	3°37	15°14	24°58	13°D46	15° 1	15°38	n.a.	T 9
W10	4 34 30	9°14'36	1♍12	0♐ 3	10°D48	28°57	6°30	10°38	3°41	15°14	24°57	13°47	14°58	15°45	n.a.	W10
T 11	4 38 27	10°15'47	14°52	1°38	10°50	29°39	6°36	10°37	3°44	15°13	24°56	13°R47	14°55	15°51	n.a.	T 11
F 12	4 42 23	11°16'57	28°14	3°14	10°54	0♏22	6°42	10°35	3°47	15°13	24°54	13°45	14°52	15°58	n.a.	F 12
S 13	4 46 20	12°18'07	11♎20	4°50	11° 0	1° 5	6°48	10°34	3°50	15°12	24°53	13°42	14°49	16° 5	n.a.	S 13
S 14	4 50 17	13°19'17	24°12	6°26	11° 9	1°48	6°55	10°33	3°54	15°12	24°52	13°35	14°45	16°11	n.a.	S 14
M15	4 54 13	14°20'26	6♏51	8° 3	11°20	2°30	7° 2	10°31	3°57	15°11	24°50	13°26	14°42	16°18	n.a.	M15
T 16	4 58 10	15°21'34	19°20	9°41	11°33	3°13	7° 8	10°30	4° 0	15°11	24°49	13°16	14°39	16°25	n.a.	T 16
W17	5 2 6	16°22'42	1♐38	11°19	11°49	3°56	7°15	10°28	4° 4	15°10	24°48	13° 4	14°36	16°31	n.a.	W17
T 18	5 6 3	17°23'48	13°48	12°58	12° 6	4°39	7°23	10°26	4° 7	15° 9	24°46	12°53	14°33	16°38	n.a.	T 18
F 19	5 9 59	18°24'54	25°49	14°38	12°25	5°22	7°30	10°24	4°11	15° 9	24°45	12°43	14°30	16°45	n.a.	F 19
S 20	5 13 56	19°25'58	7♑43	16°18	12°46	6° 5	7°37	10°22	4°14	15° 8	24°44	12°35	14°26	16°51	n.a.	S 20
S 21	5 17 52	20°27'02	19°32	17°59	13°10	6°48	7°45	10°20	4°17	15° 7	24°42	12°29	14°23	16°58	n.a.	S 21
M22	5 21 49	21°28'04	1♒19	19°40	13°35	7°31	7°53	10°18	4°21	15° 6	24°41	12°27	14°20	17° 5	n.a.	M22
T 23	5 25 46	22°29'05	13° 6	21°22	14° 1	8°14	8° 1	10°15	4°24	15° 5	24°40	12°D26	14°17	17°11	n.a.	T 23
W24	5 29 42	23°30'04	24°58	23° 5	14°29	8°57	8° 9	10°13	4°28	15° 5	24°38	12°26	14°14	17°18	n.a.	W24
T 25	5 33 39	24°31'02	6♓58	24°48	14°59	9°40	8°17	10°10	4°31	15° 4	24°37	12°28	14°10	17°25	n.a.	T 25
F 26	5 37 35	25°31'58	19°13	26°32	15°31	10°23	8°25	10° 8	4°34	15° 3	24°35	12°29	14° 7	17°31	n.a.	F 26
S 27	5 41 32	26°32'53	1♈47	28°17	16° 4	11° 6	8°34	10° 5	4°38	15° 2	24°34	12°R29	14° 4	17°38	n.a.	S 27
S 28	5 45 28	27°33'46	14°44	0♑ 2	16°38	11°50	8°42	10° 2	4°41	15° 1	24°33	12°27	14° 1	17°45	n.a.	S 28
M29	5 49 25	28°34'38	28°10	1°48	17°14	12°33	8°51	9°59	4°45	15° 0	24°31	12°24	13°58	17°51	n.a.	M29
T 30	5 53 21	29°35'28	12♉ 5	3°35	17°51	13°16	9° 0	9°56	4°48	14°59	24°30	12°19	13°55	17°58	n.a.	T 30
W31	5 57 18	0♑36'16	26♉29	5♑22	18♏29	13♏59	9♓ 9	9♌53	4♑52	14♌58	24♊29	12♒12	13♒51	18♑ 4	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20s29	12n13	4n35	17s 3	0s 7	13s25	2n31	8s22	0n35	10s58	1s31	19n25	1n40	24s13	0s27	17n38	1n11	28n21	4n38	16s40	16s28	25s36			n.a.
T 2	20 42	17 45	4 57	17 36	0 14	13 8	2 43	8 39	0 35	10 56	1 31	19 25	1 40	24 13	0 27	17 38	1 11	28 21	4 38	16 43	16 29	25 35			n.a.
W 3	20 55	22 26	5 1	18 8	0 21	12 51	2 54	8 55	0 34	10 54	1 31	19 26	1 40	24 13	0 27	17 38	1 11	28 21	4 38	16 46	16 29	25 33			n.a.
T 4	21 7	25 49	4 45	18 40	0 27	12 36	3 5	9 12	0 34	10 52	1 30	19 26	1 40	24 13	0 27	17 38	1 11	28 21	4 38	16 50	16 30	25 32			n.a.
F 5	21 19	27 27	4 10	19 10	0 34	12 22	3 15	9 28	0 33	10 50	1 30	19 26	1 41	24 13	0 27	17 38	1 11	28 21	4 38	16 53	16 31	25 30			n.a.
S 6	21 30	27 4	3 17	19 40	0 40	12 10	3 24	9 44	0 32	10 47	1 30	19 27	1 41	24 13	0 27	17 39	1 11	28 21	4 38	16 55	16 32	25 29			n.a.
S 7	21 41	24 44	2 12	20 9	0 46	11 59	3 33	10 0	0 32	10 45	1 29	19 27	1 41	24 13	0 27	17 39	1 11	28 22	4 38	16 56	16 33	25 27			n.a.
M 8	21 51	20 46	0 58	20 38	0 53	11 49	3 42	10 16	0 31	10 43	1 29	19 28	1 41	24 13	0 27	17 39	1 11	28 22	4 38	16 57	16 34	25 26			n.a.
T 9	22 2	15 38	0s18	21 5	0 58	11 40	3 50	10 32	0 31	10 40	1 29	19 28	1 42	24 13	0 26	17 39	1 11	28 22	4 39	16 57	16 35	25 24			n.a.
W10	22 11	9 48	1 31	21 32	1 4	11 33	3 57	10 48	0 30	10 38	1 28	19 29	1 42	24 13	0 26	17 39	1 11	28 22	4 39	16 57	16 36	25 22			n.a.
T 11	22 20	3 38	2 38	21 57	1 9	11 27	4 4	11 4	0 29	10 35	1 28	19 29	1 42	24 12	0 26	17 39	1 11	28 22	4 39	16 57	16 37	25 21			n.a.
F 12	22 29	2s33	3 34	22 21	1 15	11 22	4 10	11 20	0 29	10 33	1 28	19 30	1 42	24 12	0 26	17 40	1 11	28 22	4 39	16 58	16 38	25 19			n.a.
S 13	22 38	8 29	4 17	22 45	1 20	11 19	4 16	11 36	0 28	10 30	1 28	19 30	1 43	24 12	0 26	17 40	1 11	28 22	4 39	16 59	16 39	25 18			n.a.
S 14	22 46	13 58	4 47	23 7	1 25	11 17	4 21	11 51	0 27	10 27	1 27	19 31	1 43	24 12	0 26	17 40	1 11	28 22	4 39	17 1	16 40	25 16			n.a.
M15	22 53	18 46	5 2	23 28	1 29	11 15	4 26	12 7	0 27	10 25	1 27	19 32	1 43	24 12	0 26	17 40	1 11	28 22	4 39	17 3	16 41	25 14			n.a.
T 16	23 0	22 40	5 2	23 48	1 34	11 15	4 30	12 22	0 26	10 22	1 27	19 32	1 43	24 12	0 26	17 40	1 11	28 22	4 39	17 6	16 42	25 13			n.a.
W17	23 7	25 31	4 49	24 6	1 38	11 16	4 34	12 38	0 26	10 19	1 26	19 33	1 43	24 12	0 26	17 41	1 11	28 22	4 39	17 10	16 43	25 11			n.a.
T 18	23 13	27 9	4 22	24 23	1 41	11 18	4 38	12 53	0 25	10 16	1 26	19 34	1 44	24 12	0 26	17 41	1 11	28 22	4 39	17 13	16 44	25 10			n.a.
F 19	23 18	27 28	3 43	24 39	1 45	11 21	4 41	13 8	0 24	10 13	1 26	19 35	1 44	24 12	0 26	17 41	1 11	28 22	4 40	17 16	16 45	25 8			n.a.
S 20	23 23	26 30	2 55	24 53	1 48	11 25	4 43	13 23	0 24	10 10	1 25	19 35	1 44	24 11	0 26	17 41	1 12	28 22	4 40	17 18	16 46	25 6			n.a.
S 21	23 28	24 21	2 0	25 6	1 51	11 30	4 46	13 38	0 23	10 7	1 25	19 36	1 44	24 11	0 26	17 42	1 12	28 22	4 40	17 20	16 46	25 5			n.a.
M22	23 32	21 9	1 0	25 18	1 53	11 36	4 48	13 53	0 22	10 3	1 25	19 37	1 45	24 11	0 26	17 42	1 12	28 22	4 40	17 20	16 47	25 3			n.a.
T 23	23 36	17 5	0n 4	25 27	1 56	11 42	4 49	14 8	0 21	10 0	1 25	19 38	1 45	24 11	0 26	17 42	1 12	28 22	4 40	17 21	16 48	25 1			n.a.
W24	23 39	12 21	1 7	25 35	1 57	11 49	4 50	14 23	0 21	9 57	1 24	19 39	1 45	24 11	0 26	17 43	1 12	28 22	4 40	17 20	16 49	25 0			n.a.
T 25	23 42	7 6	2 9	25 42	1 59	11 57	4 51	14 37	0 20	9 53	1 24	19 40	1 45	24 11	0 26	17 43	1 12	28 22	4 40	17 20	16 50	24 58			n.a.
F 26	23 45	1 30	3 6	25 46	2 0	12 6	4 52	14 52	0 19	9 50	1 24	19 41	1 46	24 11	0 27	17 43	1 12	28 22	4 40	17 20	16 51	24 56			n.a.
S 27	23 46	4n18	3 55	25 49	2 0	12 15	4 52	15 6	0 19	9 47	1 24	19 42	1 46	24 11	0 27	17 44	1 12	28 22	4 40	17 20	16 52	24 55			n.a.
S 28	23 48	10 6	4 34	25 50	2 1	12 25	4 52	15 20	0 18	9 43	1 23	19 43	1 46	24 11	0 27	17 44	1 12	28 22	4 40	17 20	16 53	24 53			n.a.
M29	23 49	15 39	5 0	25 49	2 0	12 35	4 52	15 34	0 17	9 39	1 23	19 44	1 46	24 10	0 27	17 44	1 12	28 22	4 40	17 21	16 54	24 51			n.a.
T 30	23 49	20 36	5 10	25 46	1 59	12 46	4 51	15 48	0 17	9 36	1 23	19 45	1 46	24 10	0 27	17 45	1 12	28 22	4 40	17 23	16 55	24 50			n.a.
W31	23s49	24n32	5n 0	25s41	1s58	12s57	4n51	16s 2	0n16	9s32	1s23	19n46	1n47	24s10	0s27	17n45	1n12	28n22	4n40	17s24	16s56	24s48			n.a.

Julian Day Number = 1346645.5, Delta T = 07h11m00s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'27, Lahiri = -18°07'27 Julian Calendar 1 Dec. 1027 BCE == Greg. Calendar 21 Nov. 1027 BCE

The year -1026 astronomical counting style corresponds to year 1027 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

JANUARY 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 1 15	1♉37'03	11♊17	7♉10	19♏ 9	14♏43	9♓18	9°R50	4♉55	14°R57	24°R27	12°R 6	13♒48	18♉11	n.a.	T 1
F 2	6 5 11	2°37'49	26°24	8°58	19°49	15°26	9°28	9♎47	4°59	14♎56	24♊26	12♒ 0	13°45	18°18	n.a.	F 2
S 3	6 9 8	3°38'33	11♋38	10°46	20°31	16° 9	9°37	9°44	5° 2	14°54	24°24	11°55	13°42	18°24	n.a.	S 3
S 4	6 13 4	4°39'15	26°50	12°35	21°14	16°53	9°46	9°40	5° 6	14°53	24°23	11°52	13°39	18°31	n.a.	S 4
M 5	6 17 1	5°39'56	11♎50	14°24	21°58	17°36	9°56	9°37	5° 9	14°52	24°22	11°D52	13°36	18°38	n.a.	M 5
T 6	6 20 57	6°40'35	26°30	16°13	22°43	18°19	10° 6	9°33	5°13	14°51	24°20	11°52	13°32	18°44	n.a.	T 6
W 7	6 24 54	7°41'13	10♏47	18° 2	23°29	19° 3	10°16	9°30	5°16	14°50	24°19	11°54	13°29	18°51	n.a.	W 7
T 8	6 28 51	8°41'50	24°39	19°51	24°16	19°46	10°26	9°26	5°20	14°48	24°18	11°55	13°26	18°58	n.a.	T 8
F 9	6 32 47	9°42'25	8♐ 6	21°38	25° 4	20°30	10°36	9°23	5°23	14°47	24°16	11°R56	13°23	19° 4	n.a.	F 9
S 10	6 36 44	10°42'59	21°11	23°25	25°52	21°13	10°46	9°19	5°27	14°46	24°15	11°55	13°20	19°11	n.a.	S 10
S 11	6 40 40	11°43'31	3♑56	25°11	26°42	21°57	10°57	9°15	5°30	14°45	24°14	11°53	13°16	19°18	n.a.	S 11
M12	6 44 37	12°44'03	16°25	26°55	27°32	22°41	11° 7	9°11	5°34	14°43	24°13	11°50	13°13	19°24	n.a.	M12
T 13	6 48 33	13°44'32	28°42	28°37	28°23	23°24	11°18	9° 7	5°37	14°42	24°11	11°46	13°10	19°31	n.a.	T 13
W14	6 52 30	14°45'00	10♐48	0♒16	29°14	24° 8	11°28	9° 3	5°40	14°40	24°10	11°41	13° 7	19°38	n.a.	W14
T 15	6 56 26	15°45'27	22°46	1°53	0♐ 7	24°51	11°39	8°59	5°44	14°39	24° 9	11°36	13° 4	19°44	n.a.	T 15
F 16	7 0 23	16°45'51	4♉39	3°26	1° 0	25°35	11°50	8°55	5°47	14°38	24° 7	11°32	13° 1	19°51	n.a.	F 16
S 17	7 4 20	17°46'14	16°28	4°54	1°53	26°19	12° 1	8°50	5°51	14°36	24° 6	11°29	12°57	19°58	n.a.	S 17
S 18	7 8 16	18°46'35	28°15	6°18	2°47	27° 3	12°12	8°46	5°54	14°35	24° 5	11°27	12°54	20° 4	n.a.	S 18
M19	7 12 13	19°46'54	10♒ 3	7°36	3°42	27°46	12°23	8°42	5°58	14°33	24° 4	11°D26	12°51	20°11	n.a.	M19
T 20	7 16 9	20°47'11	21°54	8°49	4°37	28°30	12°35	8°38	6° 1	14°32	24° 3	11°26	12°48	20°18	n.a.	T 20
W21	7 20 6	21°47'26	3♓51	9°54	5°33	29°14	12°46	8°33	6° 4	14°30	24° 1	11°27	12°45	20°24	n.a.	W21
T 22	7 24 2	22°47'39	15°56	10°52	6°30	29°58	12°58	8°29	6° 8	14°29	24° 0	11°29	12°42	20°31	n.a.	T 22
F 23	7 27 59	23°47'49	28°14	11°43	7°27	0♑41	13° 9	8°24	6°11	14°27	23°59	11°31	12°38	20°38	n.a.	F 23
S 24	7 31 55	24°47'58	10♈48	12°24	8°24	1°25	13°21	8°20	6°15	14°26	23°58	11°32	12°35	20°44	n.a.	S 24
S 25	7 35 52	25°48'04	23°42	12°58	9°22	2° 9	13°33	8°15	6°18	14°24	23°57	11°R32	12°32	20°51	n.a.	S 25
M26	7 39 49	26°48'08	6♉59	13°22	10°20	2°53	13°45	8°11	6°21	14°23	23°56	11°32	12°29	20°58	n.a.	M26
T 27	7 43 45	27°48'09	20°43	13°37	11°19	3°37	13°56	8° 6	6°25	14°21	23°54	11°31	12°26	21° 4	n.a.	T 27
W28	7 47 42	28°48'08	4♊54	13°R42	12°18	4°21	14° 8	8° 1	6°28	14°20	23°53	11°30	12°22	21°11	n.a.	W28
T 29	7 51 38	29°48'05	19°29	13°39	13°17	5° 5	14°21	7°57	6°31	14°18	23°52	11°28	12°19	21°18	n.a.	T 29
F 30	7 55 35	0♒48'00	4♋25	13°26	14°17	5°49	14°33	7°52	6°34	14°16	23°51	11°27	12°16	21°24	n.a.	F 30
S 31	7 59 31	1♒47'53	19♋35	13♒ 5	15♐17	6♐33	14♓45	7♎47	6♉38	14♎15	23♊50	11♒26	12♒13	21♉31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23 s49	26n57	4n31	25 s33	1 s56	13 s 9	4n49	16 s16	0n15	9 s28	1 s22	19n47	1n47	24 s10	0 s27	17n45	1n12	28n22	4n41	17 s26	16 s57	24 s46			n.a.
F 2	23 48	27 28	3 42	25 24	1 54	13 21	4 48	16 30	0 14	9 25	1 22	19 48	1 47	24 10	0 27	17 46	1 12	28 22	4 41	17 28	16 58	24 44			n.a.
S 3	23 46	25 55	2 37	25 13	1 51	13 33	4 47	16 43	0 14	9 21	1 22	19 49	1 47	24 10	0 27	17 46	1 12	28 22	4 41	17 29	16 59	24 43			n.a.
S 4	23 44	22 27	1 21	24 59	1 47	13 46	4 45	16 56	0 13	9 17	1 22	19 50	1 47	24 10	0 27	17 46	1 12	28 22	4 41	17 30	17 0	24 41			n.a.
M 5	23 42	17 31	0 0	24 44	1 43	13 59	4 43	17 10	0 12	9 13	1 21	19 51	1 48	24 10	0 27	17 47	1 12	28 22	4 41	17 30	17 0	24 39			n.a.
T 6	23 39	11 38	1 s19	24 26	1 38	14 13	4 41	17 23	0 11	9 9	1 21	19 52	1 48	24 9	0 27	17 47	1 12	28 22	4 41	17 30	17 1	24 38			n.a.
W 7	23 36	5 18	2 31	24 6	1 32	14 26	4 39	17 36	0 10	9 5	1 21	19 53	1 48	24 9	0 27	17 48	1 12	28 22	4 41	17 30	17 2	24 36			n.a.
T 8	23 32	1 s 5	3 33	23 44	1 26	14 40	4 36	17 48	0 10	9 1	1 21	19 55	1 48	24 9	0 27	17 48	1 12	28 22	4 41	17 29	17 3	24 34			n.a.
F 9	23 27	7 14	4 20	23 21	1 19	14 54	4 34	18 1	0 9	8 57	1 20	19 56	1 48	24 9	0 27	17 48	1 12	28 22	4 41	17 29	17 4	24 32			n.a.
S 10	23 23	12 54	4 53	22 55	1 11	15 8	4 31	18 13	0 8	8 53	1 20	19 57	1 49	24 9	0 27	17 49	1 12	28 22	4 41	17 29	17 5	24 31			n.a.
S 11	23 18	17 52	5 10	22 27	1 2	15 23	4 28	18 26	0 7	8 48	1 20	19 58	1 49	24 9	0 27	17 49	1 12	28 22	4 41	17 30	17 6	24 29			n.a.
M12	23 12	21 59	5 12	21 58	0 53	15 37	4 25	18 38	0 6	8 44	1 20	19 59	1 49	24 9	0 27	17 50	1 12	28 22	4 41	17 31	17 7	24 27			n.a.
T 13	23 6	25 3	5 0	21 27	0 43	15 51	4 22	18 50	0 6	8 40	1 19	20 1	1 49	24 8	0 27	17 50	1 12	28 22	4 41	17 32	17 8	24 25			n.a.
W14	22 59	26 56	4 34	20 56	0 32	16 6	4 19	19 2	0 5	8 35	1 19	20 2	1 49	24 8	0 27	17 51	1 12	28 22	4 41	17 33	17 9	24 23			n.a.
T 15	22 52	27 33	3 56	20 23	0 20	16 20	4 15	19 13	0 4	8 31	1 19	20 3	1 49	24 8	0 27	17 51	1 13	28 22	4 41	17 35	17 10	24 22			n.a.
F 16	22 45	26 53	3 9	19 49	0 7	16 35	4 12	19 25	0 3	8 27	1 19	20 4	1 50	24 8	0 27	17 51	1 13	28 22	4 41	17 36	17 11	24 20			n.a.
S 17	22 37	24 59	2 13	19 15	0n 6	16 49	4 8	19 36	0 2	8 22	1 19	20 6	1 50	24 8	0 27	17 52	1 13	28 22	4 41	17 37	17 11	24 18			n.a.
S 18	22 29	22 1	1 12	18 41	0 20	17 3	4 5	19 47	0 1	8 18	1 18	20 7	1 50	24 8	0 27	17 52	1 13	28 22	4 41	17 37	17 12	24 16			n.a.
M19	22 20	18 8	0 8	18 7	0 34	17 17	4 1	19 58	0 0	8 13	1 18	20 8	1 50	24 8	0 27	17 53	1 13	28 22	4 41	17 37	17 13	24 14			n.a.
T 20	22 11	13 31	0n58	17 34	0 49	17 31	3 57	20 9	0 s 0	8 8	1 18	20 10	1 50	24 7	0 27	17 53	1 13	28 22	4 41	17 37	17 14	24 13			n.a.
W21	22 1	8 23	2 1	17 1	1 4	17 45	3 53	20 19	0 1	8 4	1 18	20 11	1 50	24 7	0 27	17 54	1 13	28 22	4 41	17 37	17 15	24 11			n.a.
T 22	21 51	2 53	2 59	16 31	1 19	17 59	3 49	20 30	0 2	7 59	1 18	20 12	1 50	24 7	0 27	17 54	1 13	28 22	4 41	17 37	17 16	24 9			n.a.
F 23	21 41	2n48	3 51	16 2	1 35	18 13	3 44	20 40	0 3	7 55	1 17	20 14	1 51	24 7	0 27	17 55	1 13	28 22	4 41	17 36	17 17	24 7			n.a.
S 24	21 30	8 30	4 33	15 35	1 51	18 26	3 40	20 50	0 4	7 50	1 17	20 15	1 51	24 7	0 27	17 55	1 13	28 22	4 41	17 36	17 18	24 5			n.a.
S 25	21 19	14 0	5 2	15 11	2 6	18 39	3 36	21 0	0 5	7 45	1 17	20 16	1 51	24 7	0 27	17 56	1 13	28 22	4 41	17 36	17 19	24 3			n.a.
M26	21 8	19 1	5 16	14 49	2 21	18 52	3 31	21 10	0 6	7 40	1 17	20 18	1 51	24 7	0 27	17 56	1 13	28 22	4 41	17 36	17 20	24 1			n.a.
T 27	20 56	23 14	5 13	14 31	2 36	19 5	3 27	21 19	0 7	7 35	1 17	20 19	1 51	24 6	0 27	17 57	1 13	28 22	4 41	17 36	17 21	24 0			n.a.
W28	20 43	26 13	4 51	14 16	2 50	19 17	3 22	21 28	0 8	7 31	1 16	20 20	1 51	24 6	0 27	17 57	1 13	28 22	4 41	17 36	17 21	23 58			n.a.
T 29	20 31	27 33	4 10	14 5	3 3	19 29	3 18	21 37	0 8	7 26	1 16	20 22	1 51	24 6	0 27	17 58	1 13	28 21	4 41	17 37	17 22	23 56			n.a.
F 30	20 18	26 56	3 11	13 57	3 15	19 41	3 13	21 46	0 9	7 21	1 16	20 23	1 51	24 6	0 27	17 58	1 13	28 21	4 41	17 37	17 23	23 54			n.a.
S 31	20 s 4	24n19	1n58	13 s53	3n25	19 s52	3n 9	21 s55	0 s10	7 s16	1 s16	20n24	1n52	24 s 6	0 s27	17n59	1n13	28n21	4n41	17 s37	17 s24	23 s52			n.a.

Julian Day Number = 1346676.5, Delta T = 07h10m58s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'23, Lahiri = -18°07'22 Julian Calendar 1 Jan. 1026 BCE == Greg. Calendar 22 Dec. 1027 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

FEBRUARY 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 3 28	2♒47'43	4♌48	12°R36	16♐18	7♐17	14♓57	7°R43	6♑41	14°R13	23°R49	11°D25	12♒10	21♑38	n.a.	S 1
M 2	8 7 24	3°47'31	19°56	11♒59	17°19	8° 1	15°10	7♌38	6°44	14♌12	23♊48	11♒25	12° 7	21°44	n.a.	M 2
T 3	8 11 21	4°47'17	4♍49	11°17	18°20	8°45	15°22	7°33	6°47	14°10	23°47	11°26	12° 3	21°51	n.a.	T 3
W 4	8 15 18	5°47'01	19°21	10°28	19°22	9°29	15°35	7°29	6°50	14° 8	23°46	11°26	12° 0	21°58	n.a.	W 4
T 5	8 19 14	6°46'44	3♎27	9°36	20°24	10°13	15°47	7°24	6°54	14° 7	23°45	11°27	11°57	22° 4	n.a.	T 5
F 6	8 23 11	7°46'24	17° 5	8°41	21°26	10°57	16° 0	7°19	6°57	14° 5	23°44	11°27	11°54	22°11	n.a.	F 6
S 7	8 27 7	8°46'02	0♏17	7°44	22°28	11°41	16°13	7°14	7° 0	14° 3	23°43	11°27	11°51	22°17	n.a.	S 7
S 8	8 31 4	9°45'39	13° 6	6°47	23°31	12°25	16°25	7°10	7° 3	14° 2	23°42	11°R27	11°48	22°24	n.a.	S 8
M 9	8 35 0	10°45'14	25°34	5°51	24°34	13° 9	16°38	7° 5	7° 6	14° 0	23°42	11°27	11°44	22°31	n.a.	M 9
T 10	8 38 57	11°44'47	7♐46	4°57	25°37	13°53	16°51	7° 0	7° 9	13°58	23°41	11°D27	11°41	22°37	n.a.	T 10
W11	8 42 53	12°44'18	19°46	4° 5	26°41	14°38	17° 4	6°56	7°12	13°57	23°40	11°28	11°38	22°44	n.a.	W11
T 12	8 46 50	13°43'47	1♑39	3°18	27°45	15°22	17°17	6°51	7°15	13°55	23°39	11°28	11°35	22°51	n.a.	T 12
F 13	8 50 46	14°43'14	13°27	2°35	28°49	16° 6	17°30	6°46	7°18	13°53	23°38	11°28	11°32	22°57	n.a.	F 13
S 14	8 54 43	15°42'39	25°14	1°57	29°53	16°50	17°43	6°42	7°21	13°52	23°38	11°28	11°28	23° 4	n.a.	S 14
S 15	8 58 40	16°42'02	7♒ 2	1°25	0♑58	17°34	17°56	6°37	7°24	13°50	23°37	11°R29	11°25	23°11	n.a.	S 15
M16	9 2 36	17°41'23	18°55	0°58	2° 2	18°19	18°10	6°32	7°26	13°49	23°36	11°29	11°22	23°17	n.a.	M16
T 17	9 6 33	18°40'41	0♓54	0°38	3° 7	19° 3	18°23	6°28	7°29	13°47	23°35	11°28	11°19	23°24	n.a.	T 17
W18	9 10 29	19°39'57	13° 1	0°23	4°12	19°47	18°36	6°23	7°32	13°45	23°35	11°27	11°16	23°31	n.a.	W18
T 19	9 14 26	20°39'11	25°18	0°14	5°18	20°31	18°50	6°19	7°35	13°44	23°34	11°26	11°13	23°37	n.a.	T 19
F 20	9 18 22	21°38'23	7♈47	0°D11	6°23	21°15	19° 3	6°14	7°38	13°42	23°33	11°25	11° 9	23°44	n.a.	F 20
S 21	9 22 19	22°37'32	20°29	0°14	7°29	22° 0	19°17	6°10	7°40	13°40	23°33	11°23	11° 6	23°51	n.a.	S 21
S 22	9 26 15	23°36'39	3♉28	0°22	8°35	22°44	19°30	6° 5	7°43	13°39	23°32	11°22	11° 3	23°57	n.a.	S 22
M23	9 30 12	24°35'44	16°46	0°36	9°40	23°28	19°44	6° 1	7°46	13°37	23°32	11°22	11° 0	24° 4	n.a.	M23
T 24	9 34 9	25°34'46	0♊23	0°54	10°47	24°12	19°57	5°57	7°48	13°35	23°31	11°D21	10°57	24°11	n.a.	T 24
W25	9 38 5	26°33'45	14°20	1°17	11°53	24°57	20°11	5°52	7°51	13°34	23°31	11°22	10°54	24°17	n.a.	W25
T 26	9 42 2	27°32'42	28°38	1°45	12°59	25°41	20°25	5°48	7°53	13°32	23°30	11°23	10°50	24°24	n.a.	T 26
F 27	9 45 58	28°31'37	13♋14	2°18	14° 6	26°25	20°38	5°44	7°56	13°31	23°30	11°24	10°47	24°31	n.a.	F 27
S 28	9 49 55	29♒30'30	28♋ 4	2♒54	15♑13	27♐ 9	20♓52	5♌40	7♑58	13♌29	23♊29	11♒25	10♒44	24♑37	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s51	19n58	0n37	13s52	3n34	20s 3	3n 4	22s 3	0s11	7s11	1s16	20n26	1n52	24s 6	0s27	17n59	1n13	28n21	4n41	17s38	17s25	23s50		n.a.
M 2	19 37	14 19	0s47	13 55	3 42	20 14	2 59	22 12	0 12	7 6	1 16	20 27	1 52	24 6	0 27	18 0	1 13	28 21	4 41	17 38	17 26	23 48		n.a.
T 3	19 22	7 56	2 6	14 2	3 47	20 24	2 54	22 20	0 13	7 1	1 15	20 28	1 52	24 5	0 27	18 0	1 13	28 21	4 41	17 38	17 27	23 46		n.a.
W 4	19 7	1 17	3 16	14 12	3 51	20 34	2 49	22 27	0 14	6 56	1 15	20 30	1 52	24 5	0 27	18 1	1 13	28 21	4 41	17 37	17 28	23 44		n.a.
T 5	18 52	5s13	4 11	14 24	3 52	20 44	2 45	22 35	0 15	6 50	1 15	20 31	1 52	24 5	0 27	18 1	1 13	28 21	4 41	17 37	17 29	23 43		n.a.
F 6	18 37	11 16	4 50	14 39	3 52	20 53	2 40	22 42	0 16	6 45	1 15	20 32	1 52	24 5	0 27	18 2	1 13	28 21	4 41	17 37	17 30	23 41		n.a.
S 7	18 21	16 36	5 12	14 56	3 49	21 2	2 35	22 50	0 17	6 40	1 15	20 34	1 52	24 5	0 27	18 2	1 13	28 21	4 41	17 37	17 31	23 39		n.a.
S 8	18 5	21 3	5 18	15 15	3 45	21 10	2 30	22 57	0 18	6 35	1 15	20 35	1 52	24 5	0 27	18 3	1 13	28 21	4 41	17 37	17 31	23 37		n.a.
M 9	17 49	24 26	5 8	15 34	3 39	21 17	2 25	23 3	0 19	6 30	1 14	20 36	1 52	24 4	0 27	18 3	1 13	28 21	4 41	17 37	17 32	23 35		n.a.
T 10	17 32	26 38	4 45	15 55	3 31	21 25	2 20	23 10	0 20	6 25	1 14	20 37	1 52	24 4	0 27	18 4	1 13	28 21	4 41	17 37	17 33	23 33		n.a.
W11	17 15	27 34	4 10	16 17	3 22	21 32	2 15	23 16	0 21	6 19	1 14	20 39	1 52	24 4	0 27	18 4	1 13	28 21	4 41	17 37	17 34	23 31		n.a.
T 12	16 58	27 12	3 24	16 38	3 11	21 38	2 10	23 22	0 22	6 14	1 14	20 40	1 53	24 4	0 27	18 5	1 13	28 21	4 41	17 37	17 35	23 29		n.a.
F 13	16 41	25 37	2 30	16 59	2 59	21 44	2 5	23 28	0 23	6 9	1 14	20 41	1 53	24 4	0 27	18 5	1 13	28 21	4 41	17 37	17 36	23 27		n.a.
S 14	16 23	22 53	1 29	17 20	2 46	21 49	2 0	23 33	0 24	6 3	1 14	20 43	1 53	24 4	0 27	18 6	1 13	28 20	4 41	17 37	17 37	23 25		n.a.
S 15	16 5	19 12	0 25	17 40	2 33	21 54	1 55	23 39	0 25	5 58	1 14	20 44	1 53	24 4	0 27	18 6	1 13	28 20	4 41	17 37	17 38	23 23		n.a.
M16	15 46	14 44	0n41	18 0	2 19	21 58	1 50	23 44	0 26	5 53	1 13	20 45	1 53	24 3	0 27	18 7	1 13	28 20	4 41	17 37	17 39	23 21		n.a.
T 17	15 28	9 41	1 46	18 18	2 5	22 1	1 45	23 49	0 27	5 47	1 13	20 46	1 53	24 3	0 27	18 7	1 13	28 20	4 41	17 37	17 39	23 19		n.a.
W18	15 9	4 13	2 46	18 36	1 50	22 5	1 41	23 53	0 28	5 42	1 13	20 47	1 53	24 3	0 27	18 8	1 13	28 20	4 41	17 37	17 40	23 17		n.a.
T 19	14 50	1n27	3 40	18 52	1 36	22 7	1 36	23 58	0 29	5 36	1 13	20 49	1 53	24 3	0 27	18 8	1 13	28 20	4 41	17 37	17 41	23 15		n.a.
F 20	14 31	7 10	4 24	19 7	1 21	22 9	1 31	24 2	0 30	5 31	1 13	20 50	1 53	24 3	0 27	18 9	1 13	28 20	4 41	17 38	17 42	23 13		n.a.
S 21	14 11	12 41	4 56	19 20	1 7	22 10	1 26	24 6	0 32	5 25	1 13	20 51	1 53	24 3	0 27	18 9	1 13	28 20	4 41	17 38	17 43	23 11		n.a.
S 22	13 52	17 46	5 14	19 32	0 53	22 11	1 21	24 10	0 33	5 20	1 13	20 52	1 53	24 3	0 27	18 10	1 13	28 20	4 41	17 39	17 44	23 9		n.a.
M23	13 32	22 8	5 15	19 43	0 39	22 12	1 16	24 13	0 34	5 14	1 13	20 53	1 53	24 3	0 27	18 10	1 13	28 20	4 41	17 39	17 45	23 7		n.a.
T 24	13 12	25 26	5 0	19 52	0 25	22 11	1 11	24 16	0 35	5 9	1 12	20 54	1 53	24 2	0 27	18 11	1 13	28 20	4 41	17 39	17 46	23 5		n.a.
W25	12 51	27 17	4 26	20 0	0 12	22 10	1 7	24 19	0 36	5 3	1 12	20 55	1 53	24 2	0 27	18 11	1 13	28 20	4 41	17 39	17 47	23 3		n.a.
T 26	12 31	27 24	3 35	20 6	0s 1	22 9	1 2	24 22	0 37	4 58	1 12	20 56	1 53	24 2	0 27	18 11	1 13	28 20	4 41	17 38	17 47	23 1		n.a.
F 27	12 10	25 38	2 30	20 11	0 13	22 7	0 57	24 24	0 38	4 52	1 12	20 57	1 53	24 2	0 27	18 12	1 13	28 20	4 41	17 38	17 48	22 59		n.a.
S 28	11s49	22n 4	1n13	20s14	0s25	22s 4	0n53	24s26	0s39	4s47	1s12	20n58	1n53	24s 2	0s27	18n12	1n13	28n20	4n41	17s38	17s49	22s57		n.a.

Julian Day Number = 1346707.5, Delta T = 07h10m56s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'19, Lahiri = -18°07'18 Julian Calendar 1 Feb. 1026 BCE == Greg. Calendar 22 Jan. 1026 BCE

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

MARCH 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 53 51	0♓29'20	13♌ 2	3♒34	16♉19	27♐54	21♓ 6	5°R36	8♉ 1	13°R27	23°R29	11°R26	10♒41	24♉44	n.a.	S 1
M 2	9 57 48	1°28'07	27°59	4°18	17°26	28°38	21°20	5♌32	8° 3	13♌26	23♊28	11♒25	10°38	24°51	n.a.	M 2
T 3	10 1 44	2°26'53	12♍49	5° 6	18°34	29°22	21°34	5°28	8° 6	13°24	23°28	11°23	10°34	24°57	n.a.	T 3
W 4	10 5 41	3°25'36	27°22	5°56	19°41	0♉ 6	21°47	5°24	8° 8	13°23	23°28	11°21	10°31	25° 4	n.a.	W 4
T 5	10 9 37	4°24'17	11♎34	6°50	20°48	0°51	22° 1	5°20	8°10	13°21	23°27	11°18	10°28	25°10	n.a.	T 5
F 6	10 13 34	5°22'57	25°20	7°47	21°56	1°35	22°15	5°16	8°13	13°20	23°27	11°14	10°25	25°17	n.a.	F 6
S 7	10 17 31	6°21'35	8♏40	8°47	23° 3	2°19	22°29	5°13	8°15	13°18	23°27	11°11	10°22	25°24	n.a.	S 7
S 8	10 21 27	7°20'11	21°34	9°50	24°11	3° 4	22°43	5° 9	8°17	13°17	23°27	11° 9	10°19	25°30	n.a.	S 8
M 9	10 25 24	8°18'45	4♐ 6	10°55	25°19	3°48	22°57	5° 6	8°19	13°15	23°26	11°D 8	10°15	25°37	n.a.	M 9
T 10	10 29 20	9°17'17	16°19	12° 3	26°27	4°32	23°11	5° 2	8°21	13°14	23°26	11° 8	10°12	25°44	n.a.	T 10
W11	10 33 17	10°15'48	28°19	13°13	27°35	5°16	23°25	4°59	8°23	13°12	23°26	11° 9	10° 9	25°50	n.a.	W11
T 12	10 37 13	11°14'17	10♑10	14°26	28°43	6° 1	23°39	4°55	8°25	13°11	23°26	11°11	10° 6	25°57	n.a.	T 12
F 13	10 41 10	12°12'44	21°57	15°41	29°52	6°45	23°53	4°52	8°27	13°10	23°26	11°13	10° 3	26° 4	n.a.	F 13
S 14	10 45 6	13°11'09	3♒44	16°58	1♒ 0	7°29	24° 7	4°49	8°29	13° 8	23°26	11°14	10° 0	26°10	n.a.	S 14
S 15	10 49 3	14° 9'33	15°36	18°17	2° 8	8°13	24°22	4°46	8°31	13° 7	23°26	11°R14	9°56	26°17	n.a.	S 15
M16	10 53 0	15° 7'54	27°36	19°38	3°17	8°57	24°36	4°43	8°33	13° 5	23°26	11°13	9°53	26°24	n.a.	M16
T 17	10 56 56	16° 6'14	9♓45	21° 1	4°26	9°42	24°50	4°40	8°35	13° 4	23°D26	11°10	9°50	26°30	n.a.	T 17
W18	11 0 53	17° 4'31	22° 7	22°26	5°34	10°26	25° 4	4°37	8°37	13° 3	23°26	11° 5	9°47	26°37	n.a.	W18
T 19	11 4 49	18° 2'47	4♈41	23°54	6°43	11°10	25°18	4°34	8°38	13° 1	23°26	10°59	9°44	26°44	n.a.	T 19
F 20	11 8 46	19° 1'01	17°28	25°23	7°52	11°54	25°32	4°31	8°40	13° 0	23°26	10°53	9°40	26°50	n.a.	F 20
S 21	11 12 42	19°59'13	0♉29	26°53	9° 1	12°38	25°47	4°29	8°42	12°59	23°26	10°46	9°37	26°57	n.a.	S 21
S 22	11 16 39	20°57'23	13°43	28°26	10°10	13°22	26° 1	4°26	8°43	12°58	23°26	10°41	9°34	27° 4	n.a.	S 22
M23	11 20 35	21°55'30	27°10	0♓ 1	11°19	14° 6	26°15	4°24	8°45	12°56	23°26	10°37	9°31	27°10	n.a.	M23
T 24	11 24 32	22°53'36	10♊50	1°37	12°29	14°51	26°29	4°21	8°46	12°55	23°26	10°34	9°28	27°17	n.a.	T 24
W25	11 28 28	23°51'40	24°44	3°16	13°38	15°35	26°43	4°19	8°48	12°54	23°27	10°D34	9°25	27°23	n.a.	W25
T 26	11 32 25	24°49'41	8♋50	4°56	14°47	16°19	26°58	4°17	8°49	12°53	23°27	10°34	9°21	27°30	n.a.	T 26
F 27	11 36 22	25°47'41	23° 7	6°38	15°57	17° 3	27°12	4°15	8°50	12°52	23°27	10°35	9°18	27°37	n.a.	F 27
S 28	11 40 18	26°45'38	7♌34	8°21	17° 6	17°47	27°26	4°13	8°52	12°51	23°27	10°R36	9°15	27°43	n.a.	S 28
S 29	11 44 15	27°43'33	22° 8	10° 7	18°16	18°31	27°40	4°11	8°53	12°50	23°28	10°36	9°12	27°50	n.a.	S 29
M30	11 48 11	28°41'27	6♍43	11°55	19°25	19°14	27°54	4° 9	8°54	12°49	23°28	10°33	9° 9	27°57	n.a.	M30
T 31	11 52 8	29♓39'18	21♍14	13♓44	20♒35	19♉58	28♓ 9	4♌ 8	8♉55	12♌48	23♊28	10♒29	9♒ 5	28♉ 3	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11s28	17n 2	0s 9	20s15	0s36	22s 1	0n48	24s28	0s40	4s41	1s12	21n 0	1n53	24s 2	0s27	18n13	1n13	28n20	4n41	17s38	17s50	22s55			n.a.
M 2	11 7	10 57	1 30	20 15	0 47	21 57	0 43	24 30	0 41	4 35	1 12	21 1	1 53	24 2	0 27	18 13	1 13	28 19	4 40	17 38	17 51	22 53			n.a.
T 3	10 46	4 19	2 45	20 13	0 57	21 52	0 39	24 32	0 43	4 30	1 12	21 1	1 53	24 1	0 27	18 14	1 13	28 19	4 40	17 38	17 52	22 51			n.a.
W 4	10 24	2s24	3 47	20 10	1 7	21 47	0 34	24 33	0 44	4 24	1 12	21 2	1 53	24 1	0 28	18 14	1 13	28 19	4 40	17 39	17 53	22 49			n.a.
T 5	10 3	8 50	4 34	20 5	1 16	21 41	0 30	24 34	0 45	4 18	1 12	21 3	1 53	24 1	0 28	18 15	1 13	28 19	4 40	17 40	17 54	22 46			n.a.
F 6	9 41	14 38	5 3	19 59	1 25	21 35	0 26	24 34	0 46	4 13	1 11	21 4	1 53	24 1	0 28	18 15	1 13	28 19	4 40	17 41	17 54	22 44			n.a.
S 7	9 19	19 34	5 14	19 51	1 33	21 28	0 21	24 35	0 47	4 7	1 11	21 5	1 53	24 1	0 28	18 16	1 13	28 19	4 40	17 42	17 55	22 42			n.a.
S 8	8 57	23 25	5 10	19 41	1 41	21 20	0 17	24 35	0 48	4 1	1 11	21 6	1 53	24 1	0 28	18 16	1 13	28 19	4 40	17 42	17 56	22 40			n.a.
M 9	8 35	26 3	4 50	19 30	1 48	21 12	0 13	24 35	0 49	3 56	1 11	21 7	1 53	24 1	0 28	18 16	1 13	28 19	4 40	17 42	17 57	22 38			n.a.
T 10	8 13	27 22	4 17	19 17	1 54	21 4	0 8	24 35	0 50	3 50	1 11	21 8	1 53	24 1	0 28	18 17	1 13	28 19	4 40	17 42	17 58	22 36			n.a.
W11	7 50	27 23	3 34	19 2	2 0	20 54	0 4	24 34	0 52	3 44	1 11	21 9	1 53	24 1	0 28	18 17	1 13	28 19	4 40	17 42	17 59	22 34			n.a.
T 12	7 28	26 7	2 42	18 46	2 6	20 44	0 0	24 34	0 53	3 38	1 11	21 9	1 53	24 0	0 28	18 18	1 13	28 19	4 40	17 42	18 0	22 32			n.a.
F 13	7 5	23 42	1 44	18 28	2 11	20 34	0s 4	24 33	0 54	3 33	1 11	21 10	1 52	24 0	0 28	18 18	1 13	28 19	4 40	17 41	18 1	22 30			n.a.
S 14	6 43	20 17	0 41	18 8	2 15	20 23	0 8	24 31	0 55	3 27	1 11	21 11	1 52	24 0	0 28	18 18	1 13	28 19	4 40	17 41	18 1	22 28			n.a.
S 15	6 20	16 2	0n24	17 47	2 19	20 11	0 12	24 30	0 56	3 21	1 11	21 12	1 52	24 0	0 28	18 19	1 13	28 19	4 40	17 41	18 2	22 25			n.a.
M16	5 57	11 7	1 28	17 24	2 22	19 59	0 15	24 28	0 57	3 16	1 11	21 12	1 52	24 0	0 28	18 19	1 13	28 19	4 40	17 41	18 3	22 23			n.a.
T 17	5 34	5 44	2 29	17 0	2 25	19 46	0 19	24 26	0 59	3 10	1 11	21 13	1 52	24 0	0 28	18 20	1 13	28 19	4 40	17 42	18 4	22 21			n.a.
W18	5 11	0 3	3 25	16 34	2 27	19 33	0 23	24 24	1 0	3 4	1 11	21 14	1 52	24 0	0 28	18 20	1 13	28 19	4 40	17 43	18 5	22 19			n.a.
T 19	4 48	5n43	4 11	16 6	2 29	19 19	0 27	24 21	1 1	2 58	1 11	21 14	1 52	24 0	0 28	18 20	1 13	28 18	4 40	17 45	18 6	22 17			n.a.
F 20	4 25	11 20	4 45	15 36	2 30	19 4	0 30	24 19	1 2	2 52	1 10	21 15	1 52	24 0	0 28	18 21	1 13	28 18	4 40	17 47	18 7	22 15			n.a.
S 21	4 2	16 34	5 5	15 5	2 30	18 50	0 34	24 16	1 3	2 47	1 10	21 15	1 52	24 0	0 28	18 21	1 13	28 18	4 40	17 49	18 7	22 13			n.a.
S 22	3 38	21 7	5 10	14 33	2 30	18 34	0 37	24 12	1 5	2 41	1 10	21 16	1 52	24 0	0 28	18 21	1 13	28 18	4 39	17 50	18 8	22 10			n.a.
M23	3 15	24 39	4 57	13 58	2 29	18 18	0 40	24 9	1 6	2 35	1 10	21 16	1 52	24 0	0 28	18 22	1 13	28 18	4 39	17 51	18 9	22 8			n.a.
T 24	2 52	26 51	4 28	13 22	2 28	18 2	0 44	24 5	1 7	2 29	1 10	21 17	1 52	23 59	0 28	18 22	1 13	28 18	4 39	17 52	18 10	22 6			n.a.
W25	2 29	27 25	3 43	12 44	2 26	17 45	0 47	24 1	1 8	2 24	1 10	21 17	1 52	23 59	0 28	18 22	1 13	28 18	4 39	17 52	18 11	22 4			n.a.
T 26	2 5	26 14	2 44	12 5	2 24	17 27	0 50	23 57	1 9	2 18	1 10	21 18	1 52	23 59	0 28	18 23	1 13	28 18	4 39	17 52	18 12	22 2			n.a.
F 27	1 42	23 20	1 33	11 24	2 21	17 9	0 53	23 53	1 11	2 12	1 10	21 18	1 51	23 59	0 28	18 23	1 13	28 18	4 39	17 52	18 13	22 0			n.a.
S 28	1 18	18 56	0 16	10 41	2 18	16 51	0 56	23 48	1 12	2 6	1 10	21 19	1 51	23 59	0 28	18 23	1 13	28 18	4 39	17 51	18 13	21 57			n.a.
S 29	0 55	13 23	1s 2	9 57	2 14	16 32	0 59	23 43	1 13	2 1	1 10	21 19	1 51	23 59	0 28	18 24	1 13	28 18	4 39	17 51	18 14	21 55			n.a.
M30	0 32	7 5	2 16	9 12	2 9	16 12	1 2	23 38	1 14	1 55	1 10	21 19	1 51	23 59	0 28	18 24	1 13	28 18	4 39	17 52	18 15	21 53			n.a.
T 31	0s 8	0n27	3s21	8s24	2s 4	15s52	1s 4	23s33	1s15	1s49	1s10	21n20	1n51	23s59	0s28	18n24	1n13	28n18	4n39	17s53	18s16	21s51			n.a.

Julian Day Number = 1346735.5, Delta T = 07h10m55s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'15, Lahiri = -18°07'14 Julian Calendar 1 March 1026 BCE == Greg. Calendar 19 Feb. 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

APRIL 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 56 4	0♈37'08	5♎34	15♓35	21♒45	20♑42	28♓23	4°R 6	8♑57	12°R47	23♊29	10°R22	9♒ 2	28♑10	n.a.	W 1
T 2	12 0 1	1°34'56	19°37	17°28	22°54	21°26	28°37	4♌ 4	8°58	12♌46	23°29	10♒14	8°59	28°17	n.a.	T 2
F 3	12 3 57	2°32'43	3♏20	19°23	24° 4	22°10	28°51	4° 3	8°59	12°45	23°30	10° 5	8°56	28°23	n.a.	F 3
S 4	12 7 54	3°30'28	16°40	21°20	25°14	22°54	29° 5	4° 2	9° 0	12°44	23°30	9°57	8°53	28°30	n.a.	S 4
S 5	12 11 51	4°28'12	29°35	23°18	26°24	23°37	29°20	4° 1	9° 1	12°43	23°30	9°51	8°50	28°37	n.a.	S 5
M 6	12 15 47	5°25'55	12♐ 9	25°18	27°34	24°21	29°34	3°59	9° 2	12°42	23°31	9°46	8°46	28°43	n.a.	M 6
T 7	12 19 44	6°23'37	24°24	27°20	28°44	25° 5	29°48	3°58	9° 2	12°41	23°32	9°43	8°43	28°50	n.a.	T 7
W 8	12 23 40	7°21'17	6♑25	29°24	29°55	25°49	0♈ 2	3°57	9° 3	12°40	23°32	9°D42	8°40	28°57	n.a.	W 8
T 9	12 27 37	8°18'56	18°17	1♈29	1♓ 5	26°32	0°16	3°57	9° 4	12°40	23°33	9°43	8°37	29° 3	n.a.	T 9
F 10	12 31 33	9°16'34	0♒ 5	3°36	2°15	27°16	0°30	3°56	9° 5	12°39	23°33	9°44	8°34	29°10	n.a.	F 10
S 11	12 35 30	10°14'11	11°55	5°43	3°25	27°59	0°44	3°55	9° 5	12°38	23°34	9°R44	8°31	29°16	n.a.	S 11
S 12	12 39 26	11°11'46	23°50	7°52	4°36	28°43	0°58	3°55	9° 6	12°37	23°35	9°43	8°27	29°23	n.a.	S 12
M13	12 43 23	12° 9'21	5♓57	10° 2	5°46	29°26	1°12	3°54	9° 7	12°37	23°35	9°40	8°24	29°30	n.a.	M13
T 14	12 47 19	13° 6'54	18°17	12°13	6°57	0♒10	1°26	3°54	9° 7	12°36	23°36	9°34	8°21	29°36	n.a.	T 14
W15	12 51 16	14° 4'26	0♈52	14°24	8° 7	0°53	1°40	3°54	9° 8	12°35	23°37	9°26	8°18	29°43	n.a.	W15
T 16	12 55 13	15° 1'56	13°45	16°35	9°18	1°36	1°54	3°D54	9° 8	12°35	23°38	9°16	8°15	29°50	n.a.	T 16
F 17	12 59 9	15°59'26	26°54	18°46	10°29	2°20	2° 8	3°54	9° 8	12°34	23°38	9° 5	8°11	29°56	n.a.	F 17
S 18	13 3 6	16°56'54	10♉18	20°57	11°39	3° 3	2°22	3°54	9° 9	12°34	23°39	8°54	8° 8	0♒ 3	n.a.	S 18
S 19	13 7 2	17°54'21	23°55	23° 8	12°50	3°46	2°36	3°54	9° 9	12°33	23°40	8°44	8° 5	0°10	n.a.	S 19
M20	13 10 59	18°51'47	7♊42	25°17	14° 1	4°29	2°50	3°55	9° 9	12°33	23°41	8°36	8° 2	0°16	n.a.	M20
T 21	13 14 55	19°49'11	21°36	27°26	15°11	5°12	3° 4	3°55	9° 9	12°32	23°42	8°31	7°59	0°23	n.a.	T 21
W22	13 18 52	20°46'35	5♋37	29°33	16°22	5°55	3°18	3°56	9° 9	12°32	23°43	8°29	7°56	0°30	n.a.	W22
T 23	13 22 49	21°43'56	19°41	1♌38	17°33	6°38	3°32	3°56	9° 9	12°32	23°44	8°D28	7°52	0°36	n.a.	T 23
F 24	13 26 45	22°41'17	3♌50	3°42	18°44	7°21	3°46	3°57	9°R 9	12°31	23°44	8°R28	7°49	0°43	n.a.	F 24
S 25	13 30 42	23°38'36	18° 0	5°43	19°55	8° 4	3°59	3°58	9° 9	12°31	23°45	8°28	7°46	0°50	n.a.	S 25
S 26	13 34 38	24°35'53	2♍12	7°43	21° 6	8°46	4°13	3°59	9° 9	12°31	23°46	8°26	7°43	0°56	n.a.	S 26
M27	13 38 35	25°33'10	16°22	9°40	22°17	9°29	4°27	4° 0	9° 9	12°30	23°47	8°22	7°40	1° 3	n.a.	M27
T 28	13 42 31	26°30'25	0♎27	11°35	23°28	10°12	4°40	4° 1	9° 9	12°30	23°48	8°15	7°36	1° 9	n.a.	T 28
W29	13 46 28	27°27'39	14°24	13°28	24°39	10°54	4°54	4° 2	9° 9	12°30	23°49	8° 6	7°33	1°16	n.a.	W29
T 30	13 50 24	28♈24'53	28♎ 8	15♌18	25♓50	11♒37	5♈ 8	4♌ 3	9♑ 9	12♌30	23♊51	7♒54	7♒30	1♒23	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n15	6s 6	4s12	7s35	1s59	15s32	1s 7	23s27	1s17	1s43	1s10	21n20	1n51	23s59	0s28	18n24	1n13	28n18	4n39	17s55	18s17	21s49		n.a.
T 2	0 38	12 13	4 47	6 45	1 53	15 11	1 10	23 22	1 18	1 37	1 10	21 20	1 51	23 59	0 28	18 25	1 13	28 18	4 39	17 57	18 18	21 46		n.a.
F 3	1 2	17 35	5 5	5 53	1 46	14 50	1 12	23 16	1 19	1 32	1 10	21 20	1 51	23 59	0 28	18 25	1 13	28 18	4 39	18 0	18 19	21 44		n.a.
S 4	1 25	21 56	5 5	5 0	1 39	14 29	1 14	23 10	1 20	1 26	1 10	21 21	1 51	23 59	0 28	18 25	1 13	28 18	4 39	18 2	18 19	21 42		n.a.
S 5	1 48	25 5	4 49	4 6	1 31	14 7	1 17	23 3	1 22	1 20	1 10	21 21	1 51	23 59	0 28	18 25	1 13	28 18	4 39	18 4	18 20	21 40		n.a.
M 6	2 11	26 53	4 19	3 10	1 23	13 44	1 19	22 57	1 23	1 14	1 10	21 21	1 51	23 59	0 28	18 26	1 13	28 18	4 39	18 5	18 21	21 37		n.a.
T 7	2 35	27 20	3 39	2 13	1 15	13 22	1 21	22 50	1 24	1 9	1 10	21 21	1 50	23 59	0 28	18 26	1 13	28 18	4 39	18 6	18 22	21 35		n.a.
W 8	2 58	26 28	2 49	1 15	1 6	12 59	1 23	22 43	1 25	1 3	1 10	21 21	1 50	23 59	0 29	18 26	1 13	28 18	4 39	18 6	18 23	21 33		n.a.
T 9	3 21	24 24	1 52	0 16	0 56	12 35	1 25	22 36	1 26	0 57	1 10	21 21	1 50	23 59	0 29	18 26	1 13	28 18	4 39	18 6	18 24	21 31		n.a.
F 10	3 44	21 17	0 52	0n44	0 47	12 11	1 27	22 28	1 28	0 52	1 10	21 21	1 50	23 59	0 29	18 26	1 13	28 18	4 38	18 6	18 24	21 28		n.a.
S 11	4 7	17 18	0n12	1 45	0 37	11 47	1 29	22 21	1 29	0 46	1 10	21 22	1 50	23 59	0 29	18 27	1 13	28 18	4 38	18 6	18 25	21 26		n.a.
S 12	4 30	12 37	1 15	2 46	0 27	11 23	1 31	22 13	1 30	0 40	1 10	21 22	1 50	23 59	0 29	18 27	1 13	28 18	4 38	18 6	18 26	21 24		n.a.
M13	4 53	7 23	2 15	3 47	0 16	10 58	1 32	22 5	1 31	0 35	1 10	21 22	1 50	23 59	0 29	18 27	1 13	28 18	4 38	18 7	18 27	21 22		n.a.
T 14	5 15	1 47	3 11	4 49	0 6	10 33	1 34	21 57	1 33	0 29	1 10	21 21	1 50	23 59	0 29	18 27	1 13	28 18	4 38	18 8	18 28	21 19		n.a.
W15	5 38	3n59	3 58	5 50	0n 5	10 7	1 35	21 48	1 34	0 23	1 10	21 21	1 50	23 59	0 29	18 27	1 13	28 18	4 38	18 10	18 29	21 17		n.a.
T 16	6 1	9 42	4 34	6 51	0 15	9 42	1 37	21 40	1 35	0 18	1 10	21 21	1 49	23 59	0 29	18 27	1 13	28 18	4 38	18 13	18 30	21 15		n.a.
F 17	6 23	15 7	4 56	7 52	0 26	9 16	1 38	21 31	1 36	0 12	1 10	21 21	1 49	23 59	0 29	18 28	1 13	28 18	4 38	18 16	18 30	21 12		n.a.
S 18	6 46	19 55	5 2	8 52	0 36	8 50	1 39	21 22	1 38	0 6	1 10	21 21	1 49	23 59	0 29	18 28	1 12	28 18	4 38	18 19	18 31	21 10		n.a.
S 19	7 8	23 45	4 52	9 51	0 46	8 23	1 40	21 13	1 39	0 1	1 10	21 21	1 49	23 59	0 29	18 28	1 12	28 18	4 38	18 22	18 32	21 8		n.a.
M20	7 30	26 18	4 25	10 48	0 56	7 57	1 41	21 4	1 40	0n 5	1 10	21 21	1 49	23 59	0 29	18 28	1 12	28 18	4 38	18 24	18 33	21 6		n.a.
T 21	7 52	27 14	3 42	11 44	1 5	7 30	1 42	20 54	1 41	0 11	1 10	21 20	1 49	23 59	0 29	18 28	1 12	28 18	4 38	18 25	18 34	21 3		n.a.
W22	8 14	26 27	2 45	12 39	1 14	7 2	1 43	20 45	1 43	0 16	1 10	21 20	1 49	23 59	0 29	18 28	1 12	28 18	4 38	18 26	18 35	21 1		n.a.
T 23	8 36	23 58	1 38	13 31	1 23	6 35	1 44	20 35	1 44	0 22	1 10	21 20	1 49	23 59	0 29	18 28	1 12	28 18	4 38	18 26	18 35	20 59		n.a.
F 24	8 58	20 0	0 25	14 22	1 31	6 8	1 45	20 25	1 45	0 27	1 10	21 20	1 48	23 59	0 29	18 28	1 12	28 18	4 38	18 26	18 36	20 56		n.a.
S 25	9 19	14 53	0s50	15 11	1 38	5 40	1 45	20 15	1 46	0 33	1 10	21 19	1 48	23 59	0 29	18 28	1 12	28 18	4 38	18 26	18 37	20 54		n.a.
S 26	9 41	8 58	2 2	15 57	1 45	5 12	1 46	20 5	1 48	0 38	1 10	21 19	1 48	23 59	0 29	18 28	1 12	28 18	4 38	18 27	18 38	20 52		n.a.
M27	10 2	2 37	3 6	16 42	1 51	4 44	1 46	19 54	1 49	0 44	1 10	21 19	1 48	23 59	0 29	18 28	1 12	28 18	4 38	18 28	18 39	20 49		n.a.
T 28	10 23	3s49	3 59	17 24	1 57	4 16	1 47	19 44	1 50	0 49	1 10	21 18	1 48	23 59	0 29	18 28	1 12	28 18	4 38	18 29	18 40	20 47		n.a.
W29	10 44	9 59	4 36	18 3	2 1	3 47	1 47	19 33	1 51	0 55	1 10	21 18	1 48	23 59	0 29	18 29	1 12	28 18	4 38	18 32	18 40	20 45		n.a.
T 30	11n 5	15s35	4s57	18n41	2n 6	3s19	1s47	19s22	1s52	1n 0	1s10	21n17	1n48	23s59	0s29	18n29	1n12	28n18	4n38	18s35	18s41	20s42		n.a.

Julian Day Number = 1346766.5, Delta T = 07h10m53s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'11, Lahiri = -18°07'10 Julian Calendar 1 Apr. 1026 BCE == Greg. Calendar 22 March 1026 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

MAY 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 54 21	29♈22'05	11♏36	17♉ 6	27♓ 2	12♒19	5♈21	4♌ 5	9°R 8	12°R30	23♊52	7°R42	7♒27	1♒29	n.a.	F 1
S 2	13 58 18	0♉19'17	24°46	18°51	28°13	13° 1	5°35	4° 6	9♑ 8	12♌30	23°53	7♒31	7°24	1°36	n.a.	S 2
S 3	14 2 14	1°16'29	7♐35	20°33	29°24	13°43	5°48	4° 8	9° 8	12°30	23°54	7°21	7°21	1°43	n.a.	S 3
M 4	14 6 11	2°13'40	20° 6	22°13	0♈35	14°26	6° 1	4°10	9° 7	12°D30	23°55	7°13	7°17	1°49	n.a.	M 4
T 5	14 10 7	3°10'50	2♑19	23°50	1°47	15° 8	6°15	4°11	9° 7	12°30	23°56	7° 7	7°14	1°56	n.a.	T 5
W 6	14 14 4	4° 8'00	14°20	25°25	2°58	15°50	6°28	4°13	9° 6	12°30	23°57	7° 5	7°11	2° 3	n.a.	W 6
T 7	14 18 0	5° 5'10	26°12	26°57	4°10	16°32	6°41	4°15	9° 5	12°30	23°59	7° 4	7° 8	2° 9	n.a.	T 7
F 8	14 21 57	6° 2'19	8♒ 0	28°26	5°21	17°13	6°55	4°17	9° 5	12°30	24° 0	7° 3	7° 5	2°16	n.a.	F 8
S 9	14 25 53	6°59'28	19°51	29°53	6°33	17°55	7° 8	4°20	9° 4	12°30	24° 1	7° 3	7° 2	2°23	n.a.	S 9
S 10	14 29 50	7°56'36	1♓49	1♊16	7°44	18°37	7°21	4°22	9° 3	12°30	24° 2	7° 2	6°58	2°29	n.a.	S 10
M11	14 33 47	8°53'45	13°59	2°37	8°56	19°18	7°34	4°24	9° 3	12°30	24° 4	6°58	6°55	2°36	n.a.	M11
T 12	14 37 43	9°50'53	26°26	3°55	10° 7	20° 0	7°47	4°27	9° 2	12°31	24° 5	6°52	6°52	2°42	n.a.	T 12
W13	14 41 40	10°48'00	9♈13	5°10	11°19	20°41	8° 0	4°29	9° 1	12°31	24° 6	6°44	6°49	2°49	n.a.	W13
T 14	14 45 36	11°45'08	22°21	6°23	12°31	21°22	8°13	4°32	9° 0	12°31	24° 8	6°33	6°46	2°56	n.a.	T 14
F 15	14 49 33	12°42'15	5♉50	7°32	13°43	22° 4	8°26	4°35	8°59	12°32	24° 9	6°21	6°42	3° 2	n.a.	F 15
S 16	14 53 29	13°39'23	19°37	8°38	14°54	22°45	8°39	4°38	8°58	12°32	24°10	6° 9	6°39	3° 9	n.a.	S 16
S 17	14 57 26	14°36'30	3♊38	9°42	16° 6	23°26	8°51	4°41	8°57	12°32	24°12	5°59	6°36	3°16	n.a.	S 17
M18	15 1 22	15°33'36	17°50	10°41	17°18	24° 6	9° 4	4°44	8°56	12°33	24°13	5°50	6°33	3°22	n.a.	M18
T 19	15 5 19	16°30'42	2♋ 7	11°38	18°30	24°47	9°17	4°47	8°55	12°33	24°14	5°44	6°30	3°29	n.a.	T 19
W20	15 9 16	17°27'48	16°24	12°31	19°42	25°28	9°29	4°50	8°54	12°34	24°16	5°41	6°27	3°36	n.a.	W20
T 21	15 13 12	18°24'54	0♌39	13°21	20°54	26° 8	9°42	4°53	8°52	12°34	24°17	5°D40	6°23	3°42	n.a.	T 21
F 22	15 17 9	19°21'59	14°49	14° 7	22° 6	26°48	9°54	4°57	8°51	12°35	24°19	5°R40	6°20	3°49	n.a.	F 22
S 23	15 21 5	20°19'03	28°54	14°50	23°18	27°29	10° 7	5° 0	8°50	12°35	24°20	5°40	6°17	3°56	n.a.	S 23
S 24	15 25 2	21°16'07	12♍52	15°28	24°30	28° 9	10°19	5° 4	8°48	12°36	24°22	5°39	6°14	4° 2	n.a.	S 24
M25	15 28 58	22°13'11	26°42	16° 3	25°42	28°49	10°31	5° 7	8°47	12°37	24°23	5°35	6°11	4° 9	n.a.	M25
T 26	15 32 55	23°10'15	10♎24	16°33	26°54	29°28	10°43	5°11	8°46	12°37	24°25	5°28	6° 8	4°16	n.a.	T 26
W27	15 36 52	24° 7'18	23°57	16°59	28° 6	0♓ 8	10°56	5°15	8°44	12°38	24°26	5°20	6° 4	4°22	n.a.	W27
T 28	15 40 48	25° 4'21	7♏17	17°21	29°18	0°48	11° 8	5°19	8°43	12°39	24°28	5° 9	6° 1	4°29	n.a.	T 28
F 29	15 44 45	26° 1'25	20°24	17°39	0♉30	1°27	11°19	5°23	8°41	12°40	24°29	4°58	5°58	4°35	n.a.	F 29
S 30	15 48 41	26°58'29	3♐16	17°52	1°43	2° 6	11°31	5°27	8°40	12°40	24°31	4°47	5°55	4°42	n.a.	S 30
S 31	15 52 38	27♉55'33	15♐53	18♊ 0	2♉55	2♓46	11♈43	5♌31	8♑38	12♌41	24♊32	4♒37	5♒52	4♒49	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n25	20s18	5s 0	19n16	2n 9	2s50	1s47	19s11	1s54	1n 5	1s10	21n17	1n48	23s59	0s29	18n29	1n12	28n18	4n38	18s38	18s42	20s40		n.a.
S 2	11 46	23 54	4 48	19 48	2 12	2 22	1 47	19 0	1 55	1 11	1 10	21 16	1 48	23 59	0 29	18 29	1 12	28 18	4 38	18 41	18 43	20 38		n.a.
S 3	12 6	26 12	4 21	20 19	2 13	1 53	1 47	18 49	1 56	1 16	1 10	21 16	1 47	23 59	0 29	18 29	1 12	28 18	4 38	18 44	18 44	20 35		n.a.
M 4	12 26	27 7	3 41	20 47	2 15	1 24	1 47	18 38	1 57	1 22	1 10	21 15	1 47	23 59	0 29	18 28	1 12	28 18	4 38	18 46	18 44	20 33		n.a.
T 5	12 46	26 41	2 53	21 12	2 15	0 55	1 47	18 26	1 59	1 27	1 10	21 15	1 47	23 59	0 29	18 28	1 12	28 18	4 38	18 47	18 45	20 30		n.a.
W 6	13 6	24 59	1 57	21 36	2 15	0 26	1 47	18 15	2 0	1 32	1 10	21 14	1 47	23 59	0 29	18 28	1 12	28 18	4 38	18 48	18 46	20 28		n.a.
T 7	13 25	22 11	0 57	21 57	2 14	0n 3	1 47	18 3	2 1	1 38	1 10	21 14	1 47	23 59	0 29	18 28	1 12	28 18	4 38	18 48	18 47	20 26		n.a.
F 8	13 45	18 28	0n 5	22 16	2 12	0 32	1 46	17 51	2 2	1 43	1 10	21 13	1 47	24 0	0 29	18 28	1 12	28 18	4 37	18 48	18 48	20 23		n.a.
S 9	14 4	14 2	1 7	22 33	2 10	1 2	1 46	17 39	2 3	1 48	1 10	21 12	1 47	24 0	0 29	18 28	1 12	28 18	4 37	18 48	18 49	20 21		n.a.
S 10	14 23	9 1	2 7	22 48	2 6	1 31	1 45	17 27	2 5	1 53	1 10	21 12	1 47	24 0	0 30	18 28	1 12	28 18	4 37	18 49	18 49	20 19		n.a.
M11	14 41	3 36	3 2	23 1	2 3	2 0	1 44	17 15	2 6	1 58	1 10	21 11	1 46	24 0	0 30	18 28	1 12	28 18	4 37	18 49	18 50	20 16		n.a.
T 12	15 0	2n 4	3 50	23 12	1 58	2 29	1 44	17 3	2 7	2 4	1 10	21 10	1 46	24 0	0 30	18 28	1 12	28 18	4 37	18 51	18 51	20 14		n.a.
W13	15 18	7 47	4 27	23 21	1 53	2 58	1 43	16 51	2 8	2 9	1 10	21 10	1 46	24 0	0 30	18 28	1 12	28 18	4 37	18 53	18 52	20 11		n.a.
T 14	15 36	13 20	4 52	23 28	1 47	3 27	1 42	16 38	2 9	2 14	1 11	21 9	1 46	24 0	0 30	18 28	1 12	28 18	4 37	18 56	18 53	20 9		n.a.
F 15	15 54	18 23	5 1	23 34	1 40	3 57	1 41	16 26	2 11	2 19	1 11	21 8	1 46	24 0	0 30	18 28	1 12	28 18	4 37	18 59	18 53	20 7		n.a.
S 16	16 11	22 36	4 53	23 37	1 33	4 26	1 40	16 13	2 12	2 24	1 11	21 7	1 46	24 0	0 30	18 27	1 12	28 18	4 37	19 2	18 54	20 4		n.a.
S 17	16 29	25 35	4 27	23 39	1 25	4 55	1 39	16 1	2 13	2 29	1 11	21 6	1 46	24 0	0 30	18 27	1 12	28 18	4 37	19 5	18 55	20 2		n.a.
M18	16 46	26 59	3 44	23 40	1 16	5 24	1 38	15 48	2 14	2 34	1 11	21 6	1 46	24 0	0 30	18 27	1 12	28 18	4 37	19 7	18 56	19 59		n.a.
T 19	17 2	26 36	2 48	23 39	1 7	5 52	1 37	15 35	2 15	2 39	1 11	21 5	1 46	24 1	0 30	18 27	1 12	28 19	4 37	19 8	18 57	19 57		n.a.
W20	17 19	24 27	1 40	23 36	0 57	6 21	1 36	15 22	2 17	2 44	1 11	21 4	1 45	24 1	0 30	18 27	1 12	28 19	4 37	19 9	18 57	19 54		n.a.
T 21	17 35	20 46	0 27	23 32	0 47	6 50	1 34	15 10	2 18	2 49	1 11	21 3	1 45	24 1	0 30	18 27	1 12	28 19	4 37	19 9	18 58	19 52		n.a.
F 22	17 51	15 52	0s48	23 27	0 35	7 18	1 33	14 57	2 19	2 54	1 11	21 2	1 45	24 1	0 30	18 26	1 12	28 19	4 37	19 9	18 59	19 50		n.a.
S 23	18 6	10 10	2 0	23 20	0 24	7 47	1 31	14 44	2 20	2 59	1 11	21 1	1 45	24 1	0 30	18 26	1 11	28 19	4 37	19 9	19 0	19 47		n.a.
S 24	18 22	4 1	3 4	23 12	0 11	8 15	1 30	14 31	2 21	3 4	1 11	21 0	1 45	24 1	0 30	18 26	1 11	28 19	4 37	19 10	19 1	19 45		n.a.
M25	18 37	2s16	3 56	23 3	0s 1	8 43	1 28	14 17	2 22	3 8	1 11	20 59	1 45	24 1	0 30	18 26	1 11	28 19	4 37	19 10	19 1	19 42		n.a.
T 26	18 52	8 22	4 34	22 53	0 15	9 11	1 27	14 4	2 23	3 13	1 11	20 58	1 45	24 1	0 30	18 26	1 11	28 19	4 37	19 12	19 2	19 40		n.a.
W27	19 6	14 0	4 56	22 42	0 28	9 39	1 25	13 51	2 25	3 18	1 11	20 57	1 45	24 1	0 30	18 25	1 11	28 19	4 37	19 14	19 3	19 37		n.a.
T 28	19 20	18 54	5 2	22 30	0 43	10 6	1 23	13 38	2 26	3 23	1 12	20 56	1 45	24 2	0 30	18 25	1 11	28 19	4 37	19 17	19 4	19 35		n.a.
F 29	19 34	22 48	4 51	22 17	0 57	10 33	1 22	13 25	2 27	3 27	1 12	20 55	1 45	24 2	0 30	18 25	1 11	28 19	4 37	19 20	19 5	19 32		n.a.
S 30	19 47	25 29	4 26	22 3	1 12	11 1	1 20	13 11	2 28	3 32	1 12	20 54	1 44	24 2	0 30	18 25	1 11	28 19	4 37	19 22	19 5	19 30		n.a.
S 31	20n 1	26s50	3s48	21n49	1s27	11n27	1s18	12s58	2s29	3n36	1s12	20n52	1n44	24s 2	0s30	18n24	1n11	28n19	4n37	19s25	19s 6	19s27		n.a.

Julian Day Number = 1346796.5, Delta T = 07h10m52s
Ecliptic obliquity = 23°49'09, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'07, Lahiri = -18°07'06 Julian Calendar 1 May 1026 BCE == Greg. Calendar 21 Apr. 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

JUNE 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 56 34	28♉52'37	28♐14	18°R 3	4♉ 7	3♓25	11♈55	5♌35	8°R36	12♌42	24♊34	4°R29	5♒48	4♒55	n.a.	M 1
T 2	16 0 31	29°49'41	10♑22	18♊ 2	5°20	4° 3	12° 7	5°40	8♑35	12°43	24°36	4♒24	5°45	5° 2	n.a.	T 2
W 3	16 4 27	0♊46'47	22°19	17°56	6°32	4°42	12°18	5°44	8°33	12°44	24°37	4°22	5°42	5° 9	n.a.	W 3
T 4	16 8 24	1°43'52	4♒10	17°46	7°45	5°21	12°30	5°48	8°31	12°45	24°39	4°D21	5°39	5°15	n.a.	T 4
F 5	16 12 21	2°40'58	15°58	17°31	8°57	5°59	12°41	5°53	8°29	12°46	24°40	4°21	5°36	5°22	n.a.	F 5
S 6	16 16 17	3°38'05	27°48	17°11	10°10	6°37	12°52	5°57	8°28	12°47	24°42	4°22	5°33	5°29	n.a.	S 6
S 7	16 20 14	4°35'13	9♓46	16°48	11°22	7°15	13° 3	6° 2	8°26	12°48	24°44	4°R22	5°29	5°35	n.a.	S 7
M 8	16 24 10	5°32'21	21°58	16°20	12°35	7°53	13°15	6° 7	8°24	12°49	24°45	4°21	5°26	5°42	n.a.	M 8
T 9	16 28 7	6°29'30	4♈27	15°49	13°47	8°31	13°26	6°12	8°22	12°50	24°47	4°17	5°23	5°49	n.a.	T 9
W10	16 32 3	7°26'39	17°18	15°15	15° 0	9° 8	13°37	6°17	8°20	12°51	24°49	4°12	5°20	5°55	n.a.	W10
T 11	16 36 0	8°23'50	0♉33	14°38	16°13	9°46	13°47	6°22	8°18	12°52	24°50	4° 4	5°17	6° 2	n.a.	T 11
F 12	16 39 57	9°21'01	14°14	13°59	17°26	10°23	13°58	6°27	8°16	12°54	24°52	3°56	5°14	6° 9	n.a.	F 12
S 13	16 43 53	10°18'13	28°17	13°18	18°38	11° 0	14° 9	6°32	8°14	12°55	24°54	3°47	5°10	6°15	n.a.	S 13
S 14	16 47 50	11°15'26	12♊39	12°37	19°51	11°36	14°19	6°37	8°12	12°56	24°55	3°39	5° 7	6°22	n.a.	S 14
M15	16 51 46	12°12'40	27°14	11°56	21° 4	12°13	14°30	6°42	8°10	12°57	24°57	3°33	5° 4	6°28	n.a.	M15
T 16	16 55 43	13° 9'55	11♋56	11°15	22°17	12°49	14°40	6°47	8° 8	12°59	24°59	3°29	5° 1	6°35	n.a.	T 16
W17	16 59 39	14° 7'09	26°36	10°36	23°30	13°25	14°50	6°53	8° 6	13° 0	25° 1	3°D27	4°58	6°42	n.a.	W17
T 18	17 3 36	15° 4'25	11♌ 9	9°59	24°43	14° 1	15° 1	6°58	8° 4	13° 1	25° 2	3°27	4°54	6°48	n.a.	T 18
F 19	17 7 32	16° 1'41	25°32	9°25	25°56	14°37	15°11	7° 4	8° 2	13° 3	25° 4	3°28	4°51	6°55	n.a.	F 19
S 20	17 11 29	16°58'57	9♍42	8°54	27° 9	15°12	15°21	7° 9	7°59	13° 4	25° 6	3°29	4°48	7° 2	n.a.	S 20
S 21	17 15 26	17°56'14	23°37	8°28	28°22	15°48	15°30	7°15	7°57	13° 5	25° 7	3°R29	4°45	7° 8	n.a.	S 21
M22	17 19 22	18°53'32	7♎17	8° 6	29°35	16°23	15°40	7°20	7°55	13° 7	25° 9	3°28	4°42	7°15	n.a.	M22
T 23	17 23 19	19°50'50	20°43	7°48	0♊48	16°57	15°50	7°26	7°53	13° 8	25°11	3°24	4°39	7°22	n.a.	T 23
W24	17 27 15	20°48'09	3♏56	7°37	2° 1	17°32	15°59	7°32	7°51	13°10	25°13	3°19	4°35	7°28	n.a.	W24
T 25	17 31 12	21°45'29	16°54	7°D31	3°14	18° 6	16° 9	7°38	7°48	13°11	25°14	3°13	4°32	7°35	n.a.	T 25
F 26	17 35 8	22°42'50	29°40	7°31	4°28	18°40	16°18	7°44	7°46	13°13	25°16	3° 6	4°29	7°42	n.a.	F 26
S 27	17 39 5	23°40'12	12♐13	7°38	5°41	19°14	16°27	7°50	7°44	13°15	25°18	2°59	4°26	7°48	n.a.	S 27
S 28	17 43 2	24°37'35	24°34	7°51	6°54	19°47	16°36	7°55	7°41	13°16	25°19	2°53	4°23	7°55	n.a.	S 28
M29	17 46 58	25°34'59	6♑44	8°10	8° 8	20°21	16°45	8° 2	7°39	13°18	25°21	2°49	4°20	8° 2	n.a.	M29
T 30	17 50 55	26♊32'25	18♑44	8♊36	9♊21	20♓54	16♈54	8♌ 8	7♑37	13♌19	25♊23	2♒46	4♒16	8♒ 8	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n14	26s48	3s 0	21n34	1s43	11n54	1s16	12s45	2s30	3n41	1s12	20n51	1n44	24s 2	0s30	18n24	1n11	28n19	4n37	19s27	19s 7	19s25		n.a.
T 2	20 26	25 28	2 4	21 19	1 58	12 21	1 14	12 31	2 31	3 45	1 12	20 50	1 44	24 2	0 30	18 24	1 11	28 20	4 37	19 28	19 8	19 22		n.a.
W 3	20 38	22 59	1 4	21 3	2 14	12 47	1 12	12 18	2 33	3 50	1 12	20 49	1 44	24 2	0 30	18 24	1 11	28 20	4 37	19 28	19 9	19 20		n.a.
T 4	20 50	19 32	0 1	20 47	2 29	13 12	1 10	12 4	2 34	3 54	1 12	20 48	1 44	24 3	0 30	18 23	1 11	28 20	4 37	19 29	19 9	19 17		n.a.
F 5	21 2	15 19	1n 2	20 30	2 44	13 38	1 8	11 51	2 35	3 59	1 12	20 46	1 44	24 3	0 30	18 23	1 11	28 20	4 38	19 29	19 10	19 15		n.a.
S 6	21 13	10 31	2 2	20 14	2 58	14 3	1 6	11 38	2 36	4 3	1 12	20 45	1 44	24 3	0 30	18 23	1 11	28 20	4 38	19 28	19 11	19 12		n.a.
S 7	21 24	5 17	2 58	19 57	3 13	14 28	1 4	11 24	2 37	4 7	1 13	20 44	1 44	24 3	0 30	18 22	1 11	28 20	4 38	19 28	19 12	19 10		n.a.
M 8	21 34	0n13	3 47	19 41	3 26	14 53	1 2	11 11	2 38	4 12	1 13	20 43	1 44	24 3	0 30	18 22	1 11	28 20	4 38	19 29	19 13	19 7		n.a.
T 9	21 44	5 51	4 26	19 25	3 39	15 17	0 59	10 57	2 39	4 16	1 13	20 41	1 44	24 3	0 30	18 22	1 11	28 20	4 38	19 30	19 13	19 5		n.a.
W10	21 54	11 23	4 53	19 10	3 50	15 41	0 57	10 44	2 40	4 20	1 13	20 40	1 43	24 3	0 30	18 21	1 11	28 20	4 38	19 31	19 14	19 2		n.a.
T 11	22 3	16 36	5 5	18 56	4 1	16 5	0 55	10 31	2 41	4 24	1 13	20 39	1 43	24 4	0 30	18 21	1 11	28 20	4 38	19 33	19 15	19 0		n.a.
F 12	22 12	21 8	5 1	18 42	4 10	16 28	0 53	10 17	2 42	4 29	1 13	20 37	1 43	24 4	0 30	18 21	1 11	28 21	4 38	19 35	19 16	18 57		n.a.
S 13	22 21	24 37	4 39	18 29	4 18	16 50	0 50	10 4	2 43	4 33	1 13	20 36	1 43	24 4	0 30	18 20	1 11	28 21	4 38	19 37	19 17	18 55		n.a.
S 14	22 29	26 37	3 59	18 17	4 25	17 13	0 48	9 51	2 44	4 37	1 13	20 35	1 43	24 4	0 30	18 20	1 11	28 21	4 38	19 39	19 17	18 52		n.a.
M15	22 37	26 50	3 2	18 7	4 30	17 35	0 45	9 38	2 45	4 41	1 13	20 33	1 43	24 4	0 30	18 19	1 11	28 21	4 38	19 40	19 18	18 50		n.a.
T 16	22 44	25 9	1 53	17 58	4 33	17 56	0 43	9 24	2 46	4 45	1 14	20 32	1 43	24 4	0 30	18 19	1 11	28 21	4 38	19 41	19 19	18 47		n.a.
W17	22 51	21 46	0 37	17 51	4 35	18 17	0 41	9 11	2 47	4 48	1 14	20 30	1 43	24 4	0 30	18 19	1 11	28 21	4 38	19 41	19 20	18 45		n.a.
T 18	22 58	17 2	0s42	17 46	4 35	18 38	0 38	8 58	2 49	4 52	1 14	20 29	1 43	24 5	0 30	18 18	1 11	28 21	4 38	19 41	19 20	18 42		n.a.
F 19	23 4	11 23	1 56	17 43	4 33	18 58	0 36	8 45	2 50	4 56	1 14	20 27	1 43	24 5	0 30	18 18	1 11	28 21	4 38	19 41	19 21	18 39		n.a.
S 20	23 10	5 14	3 3	17 41	4 30	19 18	0 33	8 32	2 51	5 0	1 14	20 26	1 43	24 5	0 31	18 17	1 11	28 21	4 38	19 41	19 22	18 37		n.a.
S 21	23 16	1s 3	3 58	17 42	4 25	19 37	0 31	8 19	2 52	5 4	1 14	20 24	1 43	24 5	0 31	18 17	1 11	28 22	4 38	19 41	19 23	18 34		n.a.
M22	23 21	7 11	4 38	17 45	4 19	19 55	0 28	8 6	2 53	5 7	1 14	20 23	1 43	24 5	0 31	18 16	1 11	28 22	4 38	19 41	19 24	18 32		n.a.
T 23	23 25	12 52	5 2	17 50	4 11	20 13	0 26	7 53	2 54	5 11	1 14	20 21	1 43	24 5	0 31	18 16	1 11	28 22	4 38	19 42	19 24	18 29		n.a.
W24	23 30	17 52	5 9	17 57	4 2	20 31	0 23	7 40	2 55	5 14	1 15	20 20	1 42	24 5	0 31	18 16	1 11	28 22	4 38	19 43	19 25	18 27		n.a.
T 25	23 33	21 57	5 1	18 6	3 52	20 48	0 21	7 28	2 56	5 18	1 15	20 18	1 42	24 6	0 31	18 15	1 11	28 22	4 38	19 45	19 26	18 24		n.a.
F 26	23 37	24 54	4 37	18 17	3 41	21 4	0 18	7 15	2 56	5 21	1 15	20 16	1 42	24 6	0 31	18 15	1 11	28 22	4 38	19 46	19 27	18 21		n.a.
S 27	23 40	26 35	4 0	18 30	3 29	21 20	0 16	7 2	2 57	5 25	1 15	20 15	1 42	24 6	0 31	18 14	1 11	28 22	4 39	19 48	19 27	18 19		n.a.
S 28	23 42	26 55	3 13	18 44	3 16	21 36	0 13	6 50	2 58	5 28	1 15	20 13	1 42	24 6	0 31	18 14	1 11	28 22	4 39	19 49	19 28	18 16		n.a.
M29	23 45	25 56	2 17	19 1	3 3	21 50	0 10	6 37	2 59	5 32	1 15	20 12	1 42	24 6	0 31	18 13	1 11	28 23	4 39	19 50	19 29	18 14		n.a.
T 30	23n46	23s44	1s16	19n19	2s48	22n 4	0s 8	6s25	3s 0	5n35	1s15	20n10	1n42	24s 6	0s31	18n13	1n11	28n23	4n39	19s51	19s30	18s11		n.a.

Julian Day Number = 1346827.5, Delta T = 07h10m50s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°14'02, Lahiri = -18°07'02 Julian Calendar 1 June 1026 BCE == Greg. Calendar 22 May 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

JULY 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 54 51	27♊29'51	0♒37	9♊ 9	10♊34	21♓26	17♈ 2	8♌14	7°R34	13♌21	25♊25	2°D45	4♒13	8♒15	n.a.	W 1
T 2	17 58 48	28°27'19	12°25	9°48	11°48	21°59	17°11	8°20	7♑32	13°23	25°26	2♒45	4°10	8°21	n.a.	T 2
F 3	18 2 44	29°24'48	24°12	10°34	13° 1	22°31	17°19	8°26	7°30	13°24	25°28	2°47	4° 7	8°28	n.a.	F 3
S 4	18 6 41	0♋22'19	6♓ 2	11°26	14°15	23° 3	17°27	8°33	7°27	13°26	25°30	2°49	4° 4	8°35	n.a.	S 4
S 5	18 10 37	1°19'51	18° 0	12°24	15°29	23°34	17°35	8°39	7°25	13°28	25°32	2°50	4° 0	8°41	n.a.	S 5
M 6	18 14 34	2°17'25	0♈10	13°28	16°42	24° 5	17°43	8°45	7°23	13°30	25°33	2°R51	3°57	8°48	n.a.	M 6
T 7	18 18 31	3°15'01	12°38	14°38	17°56	24°36	17°51	8°52	7°20	13°31	25°35	2°50	3°54	8°55	n.a.	T 7
W 8	18 22 27	4°12'38	25°27	15°54	19°10	25° 7	17°59	8°58	7°18	13°33	25°37	2°49	3°51	9° 1	n.a.	W 8
T 9	18 26 24	5°10'17	8♉42	17°15	20°23	25°37	18° 6	9° 5	7°15	13°35	25°39	2°46	3°48	9° 8	n.a.	T 9
F 10	18 30 20	6° 7'58	22°23	18°42	21°37	26° 7	18°14	9°11	7°13	13°37	25°40	2°43	3°45	9°15	n.a.	F 10
S 11	18 34 17	7° 5'40	6♊31	20°13	22°51	26°36	18°21	9°18	7°11	13°39	25°42	2°39	3°41	9°21	n.a.	S 11
S 12	18 38 13	8° 3'24	21° 2	21°49	24° 5	27° 5	18°28	9°24	7° 8	13°41	25°44	2°36	3°38	9°28	n.a.	S 12
M13	18 42 10	9° 1'10	5♋52	23°29	25°19	27°34	18°35	9°31	7° 6	13°43	25°45	2°33	3°35	9°35	n.a.	M13
T 14	18 46 6	9°58'58	20°51	25°12	26°32	28° 3	18°42	9°38	7° 4	13°44	25°47	2°32	3°32	9°41	n.a.	T 14
W15	18 50 3	10°56'46	5♌53	26°59	27°46	28°31	18°49	9°45	7° 1	13°46	25°49	2°D31	3°29	9°48	n.a.	W15
T 16	18 54 0	11°54'37	20°48	28°49	29° 0	28°58	18°55	9°51	6°59	13°48	25°50	2°32	3°26	9°55	n.a.	T 16
F 17	18 57 56	12°52'28	5♍29	0♋41	0♋14	29°25	19° 2	9°58	6°56	13°50	25°52	2°33	3°22	10° 1	n.a.	F 17
S 18	19 1 53	13°50'21	19°52	2°35	1°28	29°52	19° 8	10° 5	6°54	13°52	25°54	2°34	3°19	10° 8	n.a.	S 18
S 19	19 5 49	14°48'15	3♎55	4°31	2°43	0♈19	19°14	10°12	6°52	13°54	25°55	2°35	3°16	10°14	n.a.	S 19
M20	19 9 46	15°46'11	17°35	6°28	3°57	0°45	19°20	10°19	6°49	13°56	25°57	2°R35	3°13	10°21	n.a.	M20
T 21	19 13 42	16°44'08	0♏55	8°26	5°11	1°10	19°25	10°26	6°47	13°58	25°59	2°35	3°10	10°28	n.a.	T 21
W22	19 17 39	17°42'07	13°56	10°25	6°25	1°35	19°31	10°33	6°45	14° 0	26° 0	2°34	3° 6	10°34	n.a.	W22
T 23	19 21 35	18°40'07	26°40	12°24	7°39	2° 0	19°36	10°40	6°42	14° 2	26° 2	2°32	3° 3	10°41	n.a.	T 23
F 24	19 25 32	19°38'09	9♐ 9	14°22	8°53	2°24	19°42	10°47	6°40	14° 4	26° 4	2°30	3° 0	10°48	n.a.	F 24
S 25	19 29 29	20°36'12	21°26	16°21	10° 8	2°48	19°47	10°54	6°38	14° 7	26° 5	2°28	2°57	10°54	n.a.	S 25
S 26	19 33 25	21°34'17	3♑33	18°19	11°22	3°11	19°51	11° 1	6°35	14° 9	26° 7	2°27	2°54	11° 1	n.a.	S 26
M27	19 37 22	22°32'24	15°32	20°17	12°36	3°34	19°56	11° 8	6°33	14°11	26° 8	2°26	2°51	11° 8	n.a.	M27
T 28	19 41 18	23°30'33	27°24	22°14	13°51	3°56	20° 1	11°15	6°31	14°13	26°10	2°D26	2°47	11°14	n.a.	T 28
W29	19 45 15	24°28'44	9♒13	24°10	15° 5	4°18	20° 5	11°22	6°29	14°15	26°12	2°26	2°44	11°21	n.a.	W29
T 30	19 49 11	25°26'56	21° 1	26° 5	16°20	4°39	20° 9	11°29	6°26	14°17	26°13	2°26	2°41	11°28	n.a.	T 30
F 31	19 53 8	26♋25'10	2♓49	27♋59	17♋34	4♈59	20♈13	11♌37	6♑24	14♌19	26♊15	2♒27	2♒38	11♒34	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	23n48	20s32	0s12	19n38	2s34	22n18	0s 5	6s13	3s 1	5n38	1s16	20n 8	1n42	24s 7	0s31	18n12	1n11	28n23	4n39	19s51	19s30	18s 9			n.a.
T 2	23 49	16 30	0n53	19 59	2 19	22 31	0 3	6 1	3 2	5 41	1 16	20 6	1 42	24 7	0 31	18 12	1 11	28 23	4 39	19 51	19 31	18 6			n.a.
F 3	23 49	11 52	1 55	20 20	2 4	22 43	0 0	5 49	3 3	5 44	1 16	20 5	1 42	24 7	0 31	18 11	1 11	28 23	4 39	19 51	19 32	18 3			n.a.
S 4	23 49	6 47	2 52	20 43	1 49	22 54	0n 2	5 37	3 4	5 47	1 16	20 3	1 42	24 7	0 31	18 11	1 10	28 23	4 39	19 50	19 33	18 1			n.a.
S 5	23 49	1 24	3 43	21 6	1 33	23 5	0 5	5 25	3 5	5 50	1 16	20 1	1 42	24 7	0 31	18 10	1 10	28 23	4 39	19 50	19 34	17 58			n.a.
M 6	23 48	4n 6	4 25	21 29	1 18	23 16	0 7	5 13	3 6	5 53	1 16	20 0	1 42	24 7	0 31	18 10	1 10	28 24	4 39	19 50	19 34	17 55			n.a.
T 7	23 47	9 35	4 55	21 52	1 3	23 25	0 10	5 1	3 7	5 56	1 17	19 58	1 42	24 7	0 31	18 9	1 10	28 24	4 39	19 50	19 35	17 53			n.a.
W 8	23 45	14 49	5 11	22 15	0 48	23 34	0 12	4 50	3 7	5 59	1 17	19 56	1 42	24 8	0 31	18 8	1 10	28 24	4 39	19 50	19 36	17 50			n.a.
T 9	23 43	19 32	5 12	22 38	0 34	23 42	0 15	4 38	3 8	6 2	1 17	19 54	1 42	24 8	0 31	18 8	1 10	28 24	4 39	19 51	19 37	17 48			n.a.
F 10	23 40	23 25	4 56	23 0	0 20	23 50	0 17	4 27	3 9	6 4	1 17	19 52	1 42	24 8	0 31	18 7	1 10	28 24	4 40	19 52	19 37	17 45			n.a.
S 11	23 37	26 1	4 21	23 20	0 7	23 57	0 19	4 16	3 10	6 7	1 17	19 51	1 42	24 8	0 31	18 7	1 10	28 24	4 40	19 53	19 38	17 42			n.a.
S 12	23 34	26 59	3 29	23 40	0n 6	24 3	0 22	4 5	3 11	6 10	1 17	19 49	1 42	24 8	0 31	18 6	1 10	28 24	4 40	19 54	19 39	17 40			n.a.
M13	23 30	26 3	2 22	23 58	0 19	24 8	0 24	3 54	3 12	6 12	1 18	19 47	1 42	24 8	0 31	18 6	1 10	28 25	4 40	19 54	19 40	17 37			n.a.
T 14	23 26	23 13	1 4	24 14	0 30	24 13	0 26	3 43	3 12	6 15	1 18	19 45	1 42	24 8	0 31	18 5	1 10	28 25	4 40	19 54	19 40	17 34			n.a.
W15	23 22	18 48	0s19	24 28	0 41	24 17	0 29	3 33	3 13	6 17	1 18	19 43	1 42	24 8	0 31	18 5	1 10	28 25	4 40	19 55	19 41	17 32			n.a.
T 16	23 16	13 13	1 39	24 40	0 51	24 20	0 31	3 22	3 14	6 19	1 18	19 41	1 42	24 9	0 31	18 4	1 10	28 25	4 40	19 54	19 42	17 29			n.a.
F 17	23 11	6 59	2 52	24 49	1 0	24 22	0 33	3 12	3 15	6 22	1 18	19 39	1 42	24 9	0 31	18 3	1 10	28 25	4 40	19 54	19 43	17 26			n.a.
S 18	23 5	0 31	3 53	24 56	1 9	24 24	0 35	3 2	3 16	6 24	1 18	19 38	1 42	24 9	0 31	18 3	1 10	28 25	4 40	19 54	19 43	17 24			n.a.
S 19	22 59	5s49	4 38	25 1	1 16	24 25	0 38	2 52	3 16	6 26	1 19	19 36	1 42	24 9	0 31	18 2	1 10	28 26	4 40	19 54	19 44	17 21			n.a.
M20	22 52	11 42	5 6	25 2	1 23	24 25	0 40	2 42	3 17	6 28	1 19	19 34	1 42	24 9	0 31	18 2	1 10	28 26	4 41	19 54	19 45	17 18			n.a.
T 21	22 45	16 54	5 16	25 1	1 29	24 25	0 42	2 33	3 18	6 30	1 19	19 32	1 42	24 9	0 31	18 1	1 10	28 26	4 41	19 54	19 46	17 16			n.a.
W22	22 38	21 12	5 10	24 58	1 34	24 23	0 44	2 23	3 18	6 32	1 19	19 30	1 42	24 9	0 31	18 0	1 10	28 26	4 41	19 54	19 46	17 13			n.a.
T 23	22 30	24 24	4 49	24 51	1 38	24 21	0 46	2 14	3 19	6 34	1 19	19 28	1 42	24 10	0 31	18 0	1 10	28 26	4 41	19 54	19 47	17 10			n.a.
F 24	22 21	26 21	4 14	24 43	1 41	24 19	0 48	2 5	3 20	6 36	1 19	19 26	1 42	24 10	0 31	17 59	1 10	28 26	4 41	19 55	19 48	17 8			n.a.
S 25	22 13	27 0	3 28	24 31	1 44	24 15	0 50	1 56	3 21	6 38	1 20	19 24	1 42	24 10	0 31	17 59	1 10	28 27	4 41	19 55	19 49	17 5			n.a.
S 26	22 4	26 20	2 33	24 18	1 46	24 11	0 52	1 47	3 21	6 39	1 20	19 22	1 42	24 10	0 31	17 58	1 10	28 27	4 41	19 55	19 49	17 2			n.a.
M27	21 54	24 26	1 32	24 2	1 47	24 6	0 54	1 38	3 22	6 41	1 20	19 20	1 42	24 10	0 31	17 57	1 10	28 27	4 41	19 56	19 50	17 0			n.a.
T 28	21 44	21 28	0 28	23 43	1 48	24 0	0 56	1 30	3 22	6 42	1 20	19 18	1 42	24 10	0 31	17 57	1 10	28 27	4 42	19 56	19 51	16 57			n.a.
W29	21 34	17 38	0n38	23 23	1 48	23 54	0 57	1 22	3 23	6 44	1 20	19 16	1 42	24 10	0 31	17 56	1 10	28 27	4 42	19 56	19 52	16 54			n.a.
T 30	21 23	13 7	1 41	23 1	1 47	23 47	0 59	1 14	3 24	6 45	1 21	19 14	1 42	24 10	0 31	17 55	1 10	28 27	4 42	19 56	19 52	16 52			n.a.
F 31	21n12	8s 8	2n41	22n37	1n46	23n39	1n 1	1s 6	3s24	6n47	1s21	19n12	1n42	24s10	0s31	17n55	1n10	28n28	4n42	19s56	19s53	16s49			n.a.

Julian Day Number = 1346857.5, Delta T = 07h10m49s
Ecliptic obliquity = 23°49'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'58, Lahiri = -18°06'58 Julian Calendar 1 July 1026 BCE == Greg. Calendar 21 June 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

AUGUST 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 4	27♋23'27	14♓42	29♋52	18♋48	5♈20	20♈17	11♌44	6°R22	14♌21	26♊16	2♒27	2♒35	11♒41	n.a.	S 1
S 2	20 1 1	28°21'45	26°42	1♌44	20° 3	5°39	20°21	11°51	6♉20	14°23	26°18	2°28	2°32	11°48	n.a.	S 2
M 3	20 4 58	29°20'06	8♈53	3°35	21°18	5°58	20°24	11°58	6°18	14°26	26°19	2°28	2°28	11°54	n.a.	M 3
T 4	20 8 54	0♌18'29	21°19	5°25	22°32	6°16	20°27	12° 6	6°15	14°28	26°21	2°28	2°25	12° 1	n.a.	T 4
W 5	20 12 51	1°16'55	4♉ 5	7°14	23°47	6°34	20°31	12°13	6°13	14°30	26°22	2°R28	2°22	12° 7	n.a.	W 5
T 6	20 16 47	2°15'22	17°13	9° 2	25° 1	6°51	20°33	12°20	6°11	14°32	26°24	2°D28	2°19	12°14	n.a.	T 6
F 7	20 20 44	3°13'53	0♊47	10°48	26°16	7° 8	20°36	12°27	6° 9	14°34	26°25	2°28	2°16	12°21	n.a.	F 7
S 8	20 24 40	4°12'25	14°48	12°34	27°31	7°24	20°39	12°35	6° 7	14°37	26°27	2°28	2°12	12°27	n.a.	S 8
S 9	20 28 37	5°11'00	29°15	14°18	28°45	7°39	20°41	12°42	6° 5	14°39	26°28	2°29	2° 9	12°34	n.a.	S 9
M10	20 32 33	6° 9'37	14♋ 3	16° 1	0♌ 0	7°54	20°43	12°49	6° 3	14°41	26°29	2°29	2° 6	12°41	n.a.	M10
T 11	20 36 30	7° 8'16	29° 8	17°43	1°15	8° 7	20°45	12°57	6° 1	14°43	26°31	2°R29	2° 3	12°47	n.a.	T 11
W12	20 40 27	8° 6'57	14♌20	19°25	2°30	8°21	20°47	13° 4	5°59	14°45	26°32	2°29	2° 0	12°54	n.a.	W12
T 13	20 44 23	9° 5'41	29°30	21° 5	3°45	8°33	20°48	13°12	5°57	14°48	26°34	2°29	1°57	13° 1	n.a.	T 13
F 14	20 48 20	10° 4'26	14♍28	22°44	5° 0	8°45	20°50	13°19	5°56	14°50	26°35	2°28	1°53	13° 7	n.a.	F 14
S 15	20 52 16	11° 3'13	29° 7	24°22	6°14	8°56	20°51	13°26	5°54	14°52	26°36	2°27	1°50	13°14	n.a.	S 15
S 16	20 56 13	12° 2'02	13♎23	25°59	7°29	9° 6	20°52	13°34	5°52	14°54	26°38	2°26	1°47	13°21	n.a.	S 16
M17	21 0 9	13° 0'53	27°11	27°35	8°44	9°15	20°53	13°41	5°50	14°57	26°39	2°25	1°44	13°27	n.a.	M17
T 18	21 4 6	13°59'45	10♏34	29°10	9°59	9°24	20°53	13°48	5°48	14°59	26°40	2°D25	1°41	13°34	n.a.	T 18
W19	21 8 2	14°58'40	23°32	0♐45	11°14	9°32	20°53	13°56	5°47	15° 1	26°41	2°25	1°37	13°41	n.a.	W19
T 20	21 11 59	15°57'37	6♐ 9	2°18	12°29	9°39	20°R54	14° 3	5°45	15° 3	26°43	2°26	1°34	13°47	n.a.	T 20
F 21	21 15 55	16°56'35	18°29	3°50	13°44	9°46	20°54	14°10	5°43	15° 6	26°44	2°27	1°31	13°54	n.a.	F 21
S 22	21 19 52	17°55'36	0♑36	5°21	14°59	9°51	20°53	14°18	5°42	15° 8	26°45	2°28	1°28	14° 0	n.a.	S 22
S 23	21 23 49	18°54'38	12°33	6°52	16°14	9°56	20°53	14°25	5°40	15°10	26°46	2°29	1°25	14° 7	n.a.	S 23
M24	21 27 45	19°53'43	24°24	8°21	17°29	10° 0	20°52	14°33	5°39	15°12	26°47	2°30	1°22	14°14	n.a.	M24
T 25	21 31 42	20°52'49	6♒13	9°50	18°44	10° 3	20°51	14°40	5°37	15°14	26°48	2°R30	1°18	14°20	n.a.	T 25
W26	21 35 38	21°51'58	18° 1	11°18	19°59	10° 5	20°50	14°47	5°36	15°17	26°50	2°30	1°15	14°27	n.a.	W26
T 27	21 39 35	22°51'08	29°50	12°44	21°14	10° 6	20°49	14°55	5°35	15°19	26°51	2°28	1°12	14°34	n.a.	T 27
F 28	21 43 31	23°50'21	11♓44	14°10	22°30	10°R 7	20°48	15° 2	5°33	15°21	26°52	2°25	1° 9	14°40	n.a.	F 28
S 29	21 47 28	24°49'36	23°43	15°35	23°45	10° 6	20°46	15° 9	5°32	15°23	26°53	2°21	1° 6	14°47	n.a.	S 29
S 30	21 51 24	25°48'53	5♈51	16°58	25° 0	10° 5	20°44	15°16	5°31	15°26	26°54	2°17	1° 3	14°54	n.a.	S 30
M31	21 55 21	26♌48'13	18♈ 8	18♍21	26♌15	10♈ 3	20♈42	15♌24	5♑29	15♌28	26♊55	2♒14	0♒59	15♒ 0	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n 1	2s50	3n34	22n12	1n44	23n30	1n 2	0s59	3s25	6n48	1s21	19n10	1n42	24s11	0s31	17n54	1n10	28n28	4n42	19s55	19s54	16s46		n.a.
S 2	20 49	2n36	4 18	21 44	1 42	23 21	1 4	0 51	3 25	6 49	1 21	19 8	1 42	24 11	0 31	17 53	1 10	28 28	4 42	19 55	19 54	16 44		n.a.
M 3	20 37	8 1	4 51	21 16	1 39	23 11	1 5	0 44	3 26	6 50	1 21	19 6	1 42	24 11	0 31	17 53	1 10	28 28	4 42	19 55	19 55	16 41		n.a.
T 4	20 24	13 15	5 12	20 46	1 36	23 0	1 7	0 37	3 26	6 51	1 22	19 4	1 42	24 11	0 31	17 52	1 10	28 28	4 42	19 55	19 56	16 38		n.a.
W 5	20 11	18 3	5 18	20 15	1 33	22 49	1 8	0 30	3 27	6 52	1 22	19 2	1 42	24 11	0 31	17 52	1 10	28 29	4 43	19 55	19 57	16 35		n.a.
T 6	19 58	22 9	5 7	19 42	1 29	22 36	1 10	0 24	3 27	6 53	1 22	19 0	1 42	24 11	0 31	17 51	1 10	28 29	4 43	19 55	19 57	16 33		n.a.
F 7	19 45	25 12	4 40	19 9	1 24	22 24	1 11	0 18	3 28	6 54	1 22	18 58	1 42	24 11	0 31	17 50	1 10	28 29	4 43	19 55	19 58	16 30		n.a.
S 8	19 31	26 50	3 55	18 35	1 20	22 10	1 12	0 12	3 28	6 55	1 22	18 56	1 42	24 11	0 31	17 50	1 10	28 29	4 43	19 55	19 59	16 27		n.a.
S 9	19 16	26 44	2 55	17 59	1 15	21 56	1 13	0 6	3 28	6 56	1 23	18 53	1 42	24 11	0 31	17 49	1 10	28 29	4 43	19 55	20 0	16 25		n.a.
M10	19 2	24 44	1 41	17 23	1 10	21 41	1 15	0 1	3 29	6 56	1 23	18 51	1 42	24 11	0 31	17 48	1 10	28 30	4 43	19 55	20 0	16 22		n.a.
T 11	18 47	20 58	0 19	16 47	1 4	21 26	1 16	0n 5	3 29	6 57	1 23	18 49	1 42	24 11	0 31	17 48	1 10	28 30	4 43	19 55	20 1	16 19		n.a.
W12	18 32	15 45	1s 5	16 9	0 58	21 9	1 17	0 10	3 29	6 57	1 23	18 47	1 42	24 12	0 31	17 47	1 10	28 30	4 44	19 55	20 2	16 16		n.a.
T 13	18 16	9 35	2 25	15 32	0 53	20 53	1 18	0 14	3 30	6 58	1 23	18 45	1 42	24 12	0 31	17 46	1 10	28 30	4 44	19 55	20 2	16 14		n.a.
F 14	18 0	2 57	3 33	14 53	0 46	20 35	1 19	0 19	3 30	6 58	1 23	18 43	1 42	24 12	0 31	17 46	1 10	28 30	4 44	19 55	20 3	16 11		n.a.
S 15	17 44	3s41	4 25	14 14	0 40	20 17	1 19	0 23	3 30	6 58	1 24	18 41	1 42	24 12	0 31	17 45	1 10	28 30	4 44	19 56	20 4	16 8		n.a.
S 16	17 27	9 57	5 0	13 35	0 34	19 59	1 20	0 27	3 30	6 59	1 24	18 39	1 42	24 12	0 31	17 44	1 10	28 31	4 44	19 56	20 5	16 5		n.a.
M17	17 10	15 32	5 16	12 55	0 27	19 40	1 21	0 31	3 30	6 59	1 24	18 37	1 42	24 12	0 31	17 44	1 10	28 31	4 44	19 56	20 5	16 3		n.a.
T 18	16 53	20 11	5 14	12 15	0 20	19 20	1 22	0 34	3 30	6 59	1 24	18 35	1 42	24 12	0 31	17 43	1 10	28 31	4 45	19 56	20 6	16 0		n.a.
W19	16 36	23 43	4 56	11 35	0 13	19 0	1 22	0 37	3 30	6 59	1 24	18 32	1 42	24 12	0 31	17 42	1 10	28 31	4 45	19 56	20 7	15 57		n.a.
T 20	16 18	26 0	4 24	10 55	0 6	18 39	1 23	0 40	3 30	6 59	1 25	18 30	1 42	24 12	0 31	17 42	1 10	28 31	4 45	19 56	20 7	15 54		n.a.
F 21	16 0	26 58	3 40	10 15	0s 1	18 17	1 23	0 43	3 30	6 58	1 25	18 28	1 43	24 12	0 31	17 41	1 10	28 32	4 45	19 56	20 8	15 52		n.a.
S 22	15 42	26 37	2 48	9 34	0 8	17 55	1 23	0 45	3 30	6 58	1 25	18 26	1 43	24 12	0 31	17 40	1 10	28 32	4 45	19 55	20 9	15 49		n.a.
S 23	15 24	25 1	1 48	8 53	0 15	17 33	1 24	0 47	3 30	6 58	1 25	18 24	1 43	24 12	0 31	17 40	1 10	28 32	4 45	19 55	20 10	15 46		n.a.
M24	15 5	22 19	0 45	8 13	0 23	17 10	1 24	0 49	3 30	6 57	1 25	18 22	1 43	24 12	0 31	17 39	1 10	28 32	4 46	19 55	20 10	15 43		n.a.
T 25	14 46	18 41	0n20	7 32	0 30	16 47	1 24	0 50	3 30	6 57	1 25	18 20	1 43	24 12	0 31	17 38	1 10	28 32	4 46	19 55	20 11	15 41		n.a.
W26	14 26	14 20	1 25	6 52	0 38	16 23	1 24	0 51	3 30	6 56	1 26	18 18	1 43	24 12	0 31	17 38	1 10	28 33	4 46	19 55	20 12	15 38		n.a.
T 27	14 7	9 27	2 25	6 11	0 45	15 59	1 25	0 52	3 29	6 56	1 26	18 15	1 43	24 13	0 31	17 37	1 10	28 33	4 46	19 55	20 12	15 35		n.a.
F 28	13 47	4 12	3 20	5 31	0 53	15 34	1 25	0 52	3 29	6 55	1 26	18 13	1 43	24 13	0 31	17 36	1 10	28 33	4 46	19 56	20 13	15 32		n.a.
S 29	13 27	1n13	4 6	4 51	1 0	15 9	1 24	0 53	3 28	6 54	1 26	18 11	1 43	24 13	0 31	17 36	1 10	28 33	4 46	19 57	20 14	15 29		n.a.
S 30	13 7	6 39	4 42	4 11	1 8	14 43	1 24	0 53	3 28	6 53	1 26	18 9	1 43	24 13	0 31	17 35	1 10	28 33	4 47	19 58	20 15	15 27		n.a.
M31	12n46	11n54	5n 5	3n32	1s15	14n17	1n24	0n52	3s27	6n52	1s27	18n 7	1n43	24s13	0s31	17n34	1n11	28n34	4n47	19s59	20s15	15s24		n.a.

Julian Day Number = 1346888.5, Delta T = 07h10m47s
Ecliptic obliquity = 23°49'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'54, Lahiri = -18°06'54 Julian Calendar 1 Aug. 1026 BCE == Greg. Calendar 22 July 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

SEPTEMBER 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 17	27♌47'35	0♉39	19♍43	27♌30	10°R 0	20°R40	15♌31	5°R28	15♌30	26♊56	2°R10	0♒56	15♒ 7	n.a.	T 1
W 2	22 3 14	28°47'00	13°25	21° 3	28°45	9♈56	20♈37	15°38	5♑27	15°32	26°57	2♒ 8	0°53	15°14	n.a.	W 2
T 3	22 7 11	29°46'27	26°29	22°22	0♍ 1	9°51	20°35	15°46	5°26	15°34	26°58	2°D 7	0°50	15°20	n.a.	T 3
F 4	22 11 7	0♍45'57	9♊54	23°40	1°16	9°45	20°32	15°53	5°25	15°36	26°59	2° 8	0°47	15°27	n.a.	F 4
S 5	22 15 4	1°45'29	23°42	24°57	2°31	9°39	20°29	16° 0	5°24	15°39	27° 0	2° 9	0°43	15°34	n.a.	S 5
S 6	22 19 0	2°45'04	7♋54	26°13	3°46	9°31	20°26	16° 7	5°23	15°41	27° 0	2°10	0°40	15°40	n.a.	S 6
M 7	22 22 57	3°44'41	22°29	27°26	5° 2	9°23	20°22	16°14	5°22	15°43	27° 1	2°11	0°37	15°47	n.a.	M 7
T 8	22 26 53	4°44'20	7♌22	28°39	6°17	9°13	20°19	16°21	5°21	15°45	27° 2	2°R12	0°34	15°54	n.a.	T 8
W 9	22 30 50	5°44'02	22°27	29°49	7°32	9° 3	20°15	16°29	5°20	15°47	27° 3	2°10	0°31	16° 0	n.a.	W 9
T 10	22 34 46	6°43'46	7♍37	0♎58	8°47	8°52	20°11	16°36	5°20	15°49	27° 4	2° 7	0°28	16° 7	n.a.	T 10
F 11	22 38 43	7°43'31	22°41	2° 5	10° 3	8°40	20° 7	16°43	5°19	15°51	27° 4	2° 3	0°24	16°13	n.a.	F 11
S 12	22 42 40	8°43'19	7♎29	3° 9	11°18	8°27	20° 2	16°50	5°18	15°54	27° 5	1°57	0°21	16°20	n.a.	S 12
S 13	22 46 36	9°43'09	21°55	4°11	12°33	8°14	19°58	16°57	5°18	15°56	27° 6	1°51	0°18	16°27	n.a.	S 13
M14	22 50 33	10°43'01	5♏54	5°10	13°49	7°59	19°53	17° 4	5°17	15°58	27° 7	1°46	0°15	16°33	n.a.	M14
T 15	22 54 29	11°42'55	19°23	6° 6	15° 4	7°44	19°48	17°11	5°16	16° 0	27° 7	1°42	0°12	16°40	n.a.	T 15
W16	22 58 26	12°42'50	2♐26	7° 0	16°19	7°29	19°43	17°18	5°16	16° 2	27° 8	1°40	0° 9	16°47	n.a.	W16
T 17	23 2 22	13°42'48	15° 4	7°49	17°35	7°12	19°38	17°24	5°15	16° 4	27° 8	1°D39	0° 5	16°53	n.a.	T 17
F 18	23 6 19	14°42'47	27°22	8°35	18°50	6°55	19°32	17°31	5°15	16° 6	27° 9	1°40	0° 2	17° 0	n.a.	F 18
S 19	23 10 15	15°42'48	9♑25	9°16	20° 5	6°37	19°27	17°38	5°15	16° 8	27°10	1°42	29♑59	17° 7	n.a.	S 19
S 20	23 14 12	16°42'51	21°18	9°52	21°21	6°19	19°21	17°45	5°14	16°10	27°10	1°43	29°56	17°13	n.a.	S 20
M21	23 18 8	17°42'55	3♒ 5	10°22	22°36	6° 0	19°15	17°52	5°14	16°12	27°11	1°R44	29°53	17°20	n.a.	M21
T 22	23 22 5	18°43'02	14°52	10°47	23°52	5°40	19° 9	17°58	5°14	16°14	27°11	1°42	29°49	17°27	n.a.	T 22
W23	23 26 2	19°43'10	26°42	11° 5	25° 7	5°20	19° 3	18° 5	5°14	16°16	27°11	1°39	29°46	17°33	n.a.	W23
T 24	23 29 58	20°43'20	8♓37	11°17	26°22	5° 0	18°57	18°12	5°14	16°18	27°12	1°34	29°43	17°40	n.a.	T 24
F 25	23 33 55	21°43'32	20°39	11°R20	27°38	4°39	18°50	18°18	5°D14	16°20	27°12	1°26	29°40	17°47	n.a.	F 25
S 26	23 37 51	22°43'45	2♈50	11°15	28°53	4°18	18°44	18°25	5°14	16°21	27°13	1°17	29°37	17°53	n.a.	S 26
S 27	23 41 48	23°44'01	15°11	11° 0	0♎ 8	3°57	18°37	18°31	5°14	16°23	27°13	1° 7	29°34	18° 0	n.a.	S 27
M28	23 45 44	24°44'19	27°43	10°37	1°24	3°35	18°30	18°38	5°14	16°25	27°13	0°57	29°30	18° 7	n.a.	M28
T 29	23 49 41	25°44'38	10♉26	10° 4	2°39	3°13	18°23	18°44	5°14	16°27	27°14	0°48	29°27	18°13	n.a.	T 29
W30	23 53 37	26♍45'00	23♉21	9♎21	3♎54	2♈51	18♈16	18♌50	5♑14	16♌29	27♊14	0♒41	29♑24	18♒20	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n26	16n46	5n14	2n53	1s22	13n50	1n24	0n52	3s27	6n51	1s27	18n 5	1n43	24s13	0s31	17n34	1n11	28n34	4n47	19s59	20s16	15s21		n.a.
W 2	12 5	21 0	5 8	2 14	1 30	13 24	1 24	0 51	3 26	6 50	1 27	18 3	1 44	24 13	0 31	17 33	1 11	28 34	4 47	20 0	20 17	15 18		n.a.
T 3	11 44	24 18	4 46	1 36	1 37	12 56	1 23	0 49	3 25	6 49	1 27	18 1	1 44	24 13	0 30	17 33	1 11	28 34	4 47	20 0	20 17	15 15		n.a.
F 4	11 23	26 23	4 9	0 58	1 44	12 29	1 23	0 48	3 24	6 48	1 27	17 59	1 44	24 13	0 30	17 32	1 11	28 35	4 48	20 0	20 18	15 13		n.a.
S 5	11 1	26 55	3 16	0 20	1 51	12 1	1 22	0 46	3 24	6 47	1 27	17 56	1 44	24 13	0 30	17 31	1 11	28 35	4 48	20 0	20 19	15 10		n.a.
S 6	10 39	25 44	2 9	0s16	1 58	11 33	1 22	0 44	3 23	6 45	1 27	17 54	1 44	24 13	0 30	17 31	1 11	28 35	4 48	19 59	20 20	15 7		n.a.
M 7	10 17	22 47	0 53	0 52	2 5	11 4	1 21	0 41	3 22	6 44	1 28	17 52	1 44	24 13	0 30	17 30	1 11	28 35	4 48	19 59	20 20	15 4		n.a.
T 8	9 55	18 16	0s28	1 27	2 11	10 35	1 20	0 39	3 21	6 42	1 28	17 50	1 44	24 13	0 30	17 29	1 11	28 35	4 48	19 59	20 21	15 1		n.a.
W 9	9 33	12 32	1 49	2 2	2 18	10 6	1 20	0 36	3 19	6 41	1 28	17 48	1 44	24 13	0 30	17 29	1 11	28 36	4 49	19 59	20 22	14 59		n.a.
T 10	9 11	6 3	3 1	2 35	2 24	9 37	1 19	0 33	3 18	6 39	1 28	17 46	1 44	24 13	0 30	17 28	1 11	28 36	4 49	20 0	20 22	14 56		n.a.
F 11	8 48	0s44	4 1	3 7	2 30	9 7	1 18	0 29	3 17	6 37	1 28	17 44	1 44	24 13	0 30	17 28	1 11	28 36	4 49	20 1	20 23	14 53		n.a.
S 12	8 26	7 20	4 43	3 38	2 35	8 37	1 17	0 25	3 15	6 36	1 28	17 42	1 45	24 13	0 30	17 27	1 11	28 36	4 49	20 2	20 24	14 50		n.a.
S 13	8 3	13 23	5 6	4 8	2 41	8 7	1 16	0 21	3 14	6 34	1 28	17 40	1 45	24 13	0 30	17 26	1 11	28 36	4 49	20 4	20 24	14 47		n.a.
M14	7 40	18 33	5 10	4 37	2 46	7 37	1 15	0 17	3 12	6 32	1 28	17 38	1 45	24 13	0 30	17 26	1 11	28 37	4 50	20 5	20 25	14 45		n.a.
T 15	7 17	22 36	4 56	5 4	2 50	7 6	1 14	0 12	3 10	6 30	1 29	17 36	1 45	24 13	0 30	17 25	1 11	28 37	4 50	20 6	20 26	14 42		n.a.
W16	6 54	25 21	4 28	5 29	2 54	6 36	1 13	0 8	3 9	6 28	1 29	17 34	1 45	24 13	0 30	17 25	1 11	28 37	4 50	20 6	20 26	14 39		n.a.
T 17	6 30	26 43	3 46	5 52	2 58	6 5	1 11	0 3	3 7	6 26	1 29	17 32	1 45	24 13	0 30	17 24	1 11	28 37	4 50	20 6	20 27	14 36		n.a.
F 18	6 7	26 43	2 56	6 13	3 1	5 33	1 10	0s 2	3 5	6 24	1 29	17 30	1 45	24 13	0 30	17 23	1 11	28 37	4 50	20 6	20 28	14 33		n.a.
S 19	5 43	25 27	1 58	6 31	3 3	5 2	1 9	0 7	3 3	6 21	1 29	17 28	1 45	24 13	0 30	17 23	1 11	28 38	4 50	20 6	20 29	14 30		n.a.
S 20	5 20	23 2	0 56	6 47	3 5	4 31	1 7	0 13	3 1	6 19	1 29	17 26	1 46	24 13	0 30	17 22	1 11	28 38	4 51	20 6	20 29	14 28		n.a.
M21	4 56	19 39	0n 7	7 0	3 5	3 59	1 6	0 18	2 58	6 17	1 29	17 24	1 46	24 13	0 30	17 22	1 11	28 38	4 51	20 5	20 30	14 25		n.a.
T 22	4 32	15 30	1 11	7 10	3 5	3 28	1 5	0 24	2 56	6 14	1 29	17 22	1 46	24 13	0 30	17 21	1 11	28 38	4 51	20 6	20 31	14 22		n.a.
W23	4 8	10 46	2 11	7 16	3 4	2 56	1 3	0 30	2 54	6 12	1 29	17 20	1 46	24 13	0 30	17 20	1 11	28 39	4 51	20 6	20 31	14 19		n.a.
T 24	3 44	5 37	3 5	7 18	3 2	2 24	1 1	0 36	2 51	6 10	1 29	17 18	1 46	24 13	0 30	17 20	1 11	28 39	4 52	20 8	20 32	14 16		n.a.
F 25	3 20	0 13	3 52	7 16	2 58	1 52	1 0	0 42	2 49	6 7	1 29	17 16	1 46	24 13	0 30	17 19	1 11	28 39	4 52	20 9	20 33	14 13		n.a.
S 26	2 56	5n15	4 29	7 10	2 53	1 20	0 58	0 48	2 46	6 4	1 30	17 14	1 47	24 13	0 30	17 19	1 11	28 39	4 52	20 11	20 33	14 10		n.a.
S 27	2 32	10 35	4 54	6 58	2 46	0 48	0 56	0 54	2 43	6 2	1 30	17 12	1 47	24 13	0 30	17 18	1 11	28 39	4 52	20 14	20 34	14 8		n.a.
M28	2 7	15 33	5 5	6 41	2 38	0 16	0 55	1 0	2 41	5 59	1 30	17 10	1 47	24 13	0 30	17 18	1 11	28 40	4 52	20 16	20 35	14 5		n.a.
T 29	1 43	19 56	5 1	6 18	2 28	0s16	0 53	1 6	2 38	5 56	1 30	17 8	1 47	24 13	0 30	17 17	1 11	28 40	4 53	20 18	20 35	14 2		n.a.
W30	1n19	23n27	4n42	5s50	2s16	0s48	0n51	1s13	2s35	5n54	1s30	17n 6	1n47	24s13	0s30	17n17	1n11	28n40	4n53	20s19	20s36	13s59		n.a.

Julian Day Number = 1346919.5, Delta T = 07h10m46s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'50, Lahiri = -18°06'49 Julian Calendar 1 Sept. 1026 BCE == Greg. Calendar 22 Aug. 1026 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

OCTOBER 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 57 34	27♍45'24	6♊30	8°R29	5♎10	2°R29	18°R 9	18♌57	5♑15	16♌31	27♊14	0°R36	29♑21	18♒27	n.a.	T 1
F 2	0 1 31	28°45'51	19°53	7♎28	6°25	2♈ 7	18♈ 2	19° 3	5°15	16°32	27°14	0♒34	29°18	18°33	n.a.	F 2
S 3	0 5 27	29°46'19	3♋33	6°19	7°41	1°45	17°54	19° 9	5°15	16°34	27°14	0°D34	29°14	18°40	n.a.	S 3
S 4	0 9 24	0♎46'49	17°31	5° 5	8°56	1°23	17°47	19°15	5°16	16°36	27°15	0°34	29°11	18°46	n.a.	S 4
M 5	0 13 20	1°47'22	1♌46	3°46	10°11	1° 1	17°39	19°21	5°16	16°38	27°15	0°R35	29° 8	18°53	n.a.	M 5
T 6	0 17 17	2°47'56	16°18	2°26	11°27	0°39	17°32	19°27	5°17	16°39	27°15	0°34	29° 5	19° 0	n.a.	T 6
W 7	0 21 13	3°48'32	1♍ 3	1° 7	12°42	0°17	17°24	19°33	5°17	16°41	27°15	0°30	29° 2	19° 6	n.a.	W 7
T 8	0 25 10	4°49'10	15°55	29♍52	13°57	29♓56	17°16	19°39	5°18	16°43	27°15	0°24	28°59	19°13	n.a.	T 8
F 9	0 29 6	5°49'50	0♎47	28°42	15°13	29°35	17° 8	19°45	5°19	16°44	27°R15	0°15	28°55	19°20	n.a.	F 9
S 10	0 33 3	6°50'31	15°29	27°41	16°28	29°14	17° 0	19°51	5°19	16°46	27°15	0° 5	28°52	19°26	n.a.	S 10
S 11	0 36 59	7°51'14	29°53	26°49	17°44	28°53	16°52	19°57	5°20	16°47	27°15	29♑54	28°49	19°33	n.a.	S 11
M12	0 40 56	8°51'59	13♏55	26° 9	18°59	28°34	16°44	20° 2	5°21	16°49	27°15	29°43	28°46	19°40	n.a.	M12
T 13	0 44 53	9°52'44	27°29	25°40	20°14	28°14	16°36	20° 8	5°22	16°50	27°15	29°35	28°43	19°46	n.a.	T 13
W14	0 48 49	10°53'32	10♐36	25°22	21°30	27°55	16°28	20°14	5°23	16°52	27°15	29°28	28°40	19°53	n.a.	W14
T 15	0 52 46	11°54'20	23°17	25°D16	22°45	27°37	16°20	20°19	5°24	16°53	27°14	29°24	28°36	20° 0	n.a.	T 15
F 16	0 56 42	12°55'10	5♑37	25°22	24° 0	27°19	16°12	20°24	5°25	16°55	27°14	29°23	28°33	20° 6	n.a.	F 16
S 17	1 0 39	13°56'00	17°41	25°37	25°16	27° 2	16° 3	20°30	5°26	16°56	27°14	29°D23	28°30	20°13	n.a.	S 17
S 18	1 4 35	14°56'52	29°34	26° 2	26°31	26°46	15°55	20°35	5°27	16°58	27°14	29°R23	28°27	20°20	n.a.	S 18
M19	1 8 32	15°57'45	11♒22	26°36	27°46	26°30	15°47	20°40	5°28	16°59	27°13	29°22	28°24	20°26	n.a.	M19
T 20	1 12 29	16°58'39	23° 9	27°17	29° 2	26°15	15°39	20°45	5°30	17° 0	27°13	29°20	28°20	20°33	n.a.	T 20
W21	1 16 25	17°59'34	5♓ 2	28° 5	0♏17	26° 0	15°31	20°51	5°31	17° 2	27°13	29°15	28°17	20°40	n.a.	W21
T 22	1 20 22	19° 0'30	17° 2	29° 0	1°32	25°47	15°23	20°56	5°32	17° 3	27°12	29° 7	28°14	20°46	n.a.	T 22
F 23	1 24 18	20° 1'27	29°14	29°59	2°47	25°34	15°14	21° 0	5°34	17° 4	27°12	28°56	28°11	20°53	n.a.	F 23
S 24	1 28 15	21° 2'25	11♈39	1♎ 3	4° 3	25°22	15° 6	21° 5	5°35	17° 5	27°12	28°43	28° 8	21° 0	n.a.	S 24
S 25	1 32 11	22° 3'25	24°17	2°11	5°18	25°11	14°58	21°10	5°36	17° 7	27°11	28°29	28° 5	21° 6	n.a.	S 25
M26	1 36 8	23° 4'25	7♉ 8	3°23	6°33	25° 0	14°50	21°15	5°38	17° 8	27°11	28°15	28° 1	21°13	n.a.	M26
T 27	1 40 4	24° 5'27	20°12	4°38	7°48	24°50	14°42	21°19	5°40	17° 9	27°10	28° 3	27°58	21°20	n.a.	T 27
W28	1 44 1	25° 6'30	3♊27	5°55	9° 4	24°42	14°34	21°24	5°41	17°10	27°10	27°53	27°55	21°26	n.a.	W28
T 29	1 47 58	26° 7'34	16°52	7°14	10°19	24°34	14°26	21°28	5°43	17°11	27° 9	27°46	27°52	21°33	n.a.	T 29
F 30	1 51 54	27° 8'39	0♋27	8°35	11°34	24°26	14°19	21°33	5°45	17°12	27° 9	27°41	27°49	21°40	n.a.	F 30
S 31	1 55 51	28♎ 9'46	14♋10	9♎58	12♏49	24♓20	14♈11	21♌37	5♑46	17♌13	27♊ 8	27♑40	27♑46	21♒46	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	0n54	25n48	4n 8	5s17	2s 2	1s20	0n49	1s19	2s32	5n51	1s30	17n 5	1n47	24s13	0s30	17n16	1n11	28n40	4n53	20s20	20s37	13s56			n.a.
F 2	0 30	26 45	3 20	4 38	1 47	1 52	0 47	1 25	2 29	5 48	1 30	17 3	1 47	24 13	0 30	17 16	1 11	28 40	4 53	20 21	20 37	13 53			n.a.
S 3	0 6	26 5	2 19	3 55	1 29	2 24	0 45	1 31	2 26	5 45	1 30	17 1	1 48	24 13	0 30	17 15	1 11	28 41	4 53	20 21	20 38	13 50			n.a.
S 4	0s19	23 48	1 9	3 8	1 11	2 56	0 43	1 37	2 23	5 42	1 30	16 59	1 48	24 13	0 30	17 15	1 11	28 41	4 54	20 21	20 39	13 48			n.a.
M 5	0 43	19 59	0s 6	2 18	0 51	3 28	0 41	1 43	2 20	5 39	1 30	16 57	1 48	24 13	0 30	17 14	1 12	28 41	4 54	20 21	20 39	13 45			n.a.
T 6	1 8	14 53	1 23	1 27	0 30	4 0	0 39	1 49	2 16	5 36	1 30	16 56	1 48	24 13	0 30	17 14	1 12	28 41	4 54	20 21	20 40	13 42			n.a.
W 7	1 32	8 52	2 35	0 36	0 10	4 32	0 37	1 55	2 13	5 33	1 30	16 54	1 48	24 13	0 30	17 13	1 12	28 41	4 54	20 22	20 41	13 39			n.a.
T 8	1 57	2 19	3 37	0n13	0n11	5 4	0 35	2 0	2 10	5 30	1 30	16 52	1 49	24 12	0 30	17 13	1 12	28 42	4 54	20 23	20 41	13 36			n.a.
F 9	2 21	4s20	4 24	0 59	0 31	5 35	0 32	2 6	2 6	5 27	1 30	16 50	1 49	24 12	0 30	17 12	1 12	28 42	4 55	20 25	20 42	13 33			n.a.
S 10	2 45	10 41	4 53	1 41	0 49	6 7	0 30	2 11	2 3	5 24	1 30	16 49	1 49	24 12	0 30	17 12	1 12	28 42	4 55	20 27	20 43	13 30			n.a.
S 11	3 10	16 19	5 3	2 18	1 7	6 38	0 28	2 16	2 0	5 21	1 30	16 47	1 49	24 12	0 30	17 11	1 12	28 42	4 55	20 30	20 43	13 27			n.a.
M12	3 34	20 55	4 54	2 49	1 22	7 9	0 26	2 21	1 56	5 18	1 30	16 45	1 49	24 12	0 30	17 11	1 12	28 42	4 55	20 32	20 44	13 25			n.a.
T 13	3 58	24 15	4 28	3 13	1 36	7 40	0 23	2 26	1 53	5 15	1 29	16 44	1 49	24 12	0 30	17 11	1 12	28 43	4 55	20 34	20 45	13 22			n.a.
W14	4 23	26 10	3 49	3 31	1 48	8 11	0 21	2 30	1 49	5 12	1 29	16 42	1 50	24 12	0 30	17 10	1 12	28 43	4 56	20 35	20 45	13 19			n.a.
T 15	4 47	26 38	2 59	3 43	1 58	8 42	0 19	2 35	1 46	5 9	1 29	16 41	1 50	24 12	0 30	17 10	1 12	28 43	4 56	20 36	20 46	13 16			n.a.
F 16	5 11	25 44	2 3	3 48	2 7	9 12	0 16	2 39	1 42	5 6	1 29	16 39	1 50	24 12	0 30	17 9	1 12	28 43	4 56	20 36	20 47	13 13			n.a.
S 17	5 35	23 39	1 2	3 48	2 13	9 42	0 14	2 42	1 39	5 3	1 29	16 37	1 50	24 12	0 30	17 9	1 12	28 43	4 56	20 36	20 47	13 10			n.a.
S 18	5 59	20 33	0n 1	3 42	2 18	10 12	0 12	2 46	1 35	5 0	1 29	16 36	1 50	24 12	0 30	17 9	1 12	28 44	4 56	20 36	20 48	13 7			n.a.
M19	6 23	16 38	1 3	3 32	2 22	10 42	0 9	2 49	1 32	4 57	1 29	16 34	1 51	24 12	0 30	17 8	1 12	28 44	4 57	20 36	20 49	13 4			n.a.
T 20	6 46	12 5	2 3	3 17	2 24	11 12	0 7	2 52	1 29	4 53	1 29	16 33	1 51	24 12	0 30	17 8	1 12	28 44	4 57	20 37	20 49	13 1			n.a.
W21	7 10	7 5	2 57	2 59	2 25	11 41	0 4	2 55	1 25	4 50	1 29	16 32	1 51	24 12	0 30	17 7	1 12	28 44	4 57	20 38	20 50	12 58			n.a.
T 22	7 33	1 46	3 44	2 37	2 25	12 10	0 2	2 57	1 22	4 47	1 29	16 30	1 51	24 12	0 30	17 7	1 12	28 44	4 57	20 40	20 51	12 56			n.a.
F 23	7 57	3n40	4 21	2 12	2 24	12 39	0s 1	2 59	1 19	4 44	1 28	16 29	1 52	24 12	0 30	17 7	1 12	28 45	4 57	20 42	20 51	12 53			n.a.
S 24	8 20	9 4	4 47	1 44	2 22	13 7	0 3	3 1	1 15	4 41	1 28	16 27	1 52	24 11	0 30	17 6	1 12	28 45	4 58	20 44	20 52	12 50			n.a.
S 25	8 43	14 11	4 59	1 15	2 19	13 35	0 5	3 3	1 12	4 38	1 28	16 26	1 52	24 11	0 30	17 6	1 12	28 45	4 58	20 47	20 52	12 47			n.a.
M26	9 6	18 46	4 56	0 43	2 16	14 3	0 8	3 4	1 9	4 35	1 28	16 25	1 52	24 11	0 30	17 6	1 12	28 45	4 58	20 50	20 53	12 44			n.a.
T 27	9 29	22 32	4 38	0 9	2 12	14 30	0 10	3 5	1 5	4 32	1 28	16 23	1 52	24 11	0 30	17 5	1 12	28 45	4 58	20 53	20 54	12 41			n.a.
W28	9 52	25 11	4 5	0s26	2 8	14 57	0 13	3 5	1 2	4 29	1 28	16 22	1 53	24 11	0 30	17 5	1 13	28 46	4 58	20 55	20 54	12 38			n.a.
T 29	10 15	26 26	3 18	1 2	2 3	15 23	0 15	3 6	0 59	4 26	1 28	16 21	1 53	24 11	0 29	17 5	1 13	28 46	4 59	20 56	20 55	12 35			n.a.
F 30	10 37	26 8	2 18	1 39	1 58	15 49	0 18	3 6	0 56	4 23	1 27	16 20	1 53	24 11	0 29	17 5	1 13	28 46	4 59	20 57	20 56	12 32			n.a.
S 31	10s59	24n13	1n11	2s17	1n53	16s15	0s20	3s 6	0s53	4n20	1s27	16n18	1n53	24s11	0s29	17n 4	1n13	28n46	4n59	20s57	20s56	12s29			n.a.

Julian Day Number = 1346949.5, Delta T = 07h10m44s
Ecliptic obliquity = 23°49'08, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'46, Lahiri = -18°06'45 Julian Calendar 1 Oct. 1026 BCE == Greg. Calendar 21 Sept. 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

NOVEMBER 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 59 47	29♎10'53	28♋ 4	11♎22	14♏ 5	24°R14	14°R 3	21♌41	5♑48	17♌14	27°R 8	27°R39	27♑42	21♒53	n.a.	S 1
M 2	2 3 44	0♏12'02	12♌ 7	12°47	15°20	24♓10	13♈56	21°45	5°50	17°15	27♊ 7	27♑39	27°39	22° 0	n.a.	M 2
T 3	2 7 40	1°13'12	26°20	14°14	16°35	24° 6	13°48	21°50	5°52	17°16	27° 6	27°38	27°36	22° 6	n.a.	T 3
W 4	2 11 37	2°14'23	10♍41	15°41	17°50	24° 2	13°41	21°53	5°54	17°17	27° 6	27°34	27°33	22°13	n.a.	W 4
T 5	2 15 33	3°15'35	25° 7	17° 9	19° 5	24° 0	13°33	21°57	5°56	17°18	27° 5	27°27	27°30	22°19	n.a.	T 5
F 6	2 19 30	4°16'48	9♎33	18°37	20°21	23°59	13°26	22° 1	5°58	17°18	27° 4	27°17	27°26	22°26	n.a.	F 6
S 7	2 23 27	5°18'02	23°52	20° 6	21°36	23°D58	13°19	22° 5	6° 0	17°19	27° 4	27° 5	27°23	22°33	n.a.	S 7
S 8	2 27 23	6°19'17	8♏ 0	21°36	22°51	23°58	13°12	22° 8	6° 2	17°20	27° 3	26°52	27°20	22°39	n.a.	S 8
M 9	2 31 20	7°20'32	21°49	23° 6	24° 6	23°59	13° 5	22°12	6° 4	17°21	27° 2	26°40	27°17	22°46	n.a.	M 9
T 10	2 35 16	8°21'47	5♐17	24°36	25°21	24° 0	12°59	22°15	6° 6	17°21	27° 1	26°29	27°14	22°53	n.a.	T 10
W11	2 39 13	9°23'04	18°22	26° 7	26°36	24° 3	12°52	22°19	6° 9	17°22	27° 0	26°21	27°11	22°59	n.a.	W11
T 12	2 43 9	10°24'20	1♑ 4	27°38	27°51	24° 6	12°45	22°22	6°11	17°23	26°59	26°16	27° 7	23° 6	n.a.	T 12
F 13	2 47 6	11°25'37	13°26	29°10	29° 7	24°10	12°39	22°25	6°13	17°23	26°59	26°13	27° 4	23°13	n.a.	F 13
S 14	2 51 2	12°26'53	25°31	0♏41	0♐22	24°15	12°33	22°28	6°15	17°24	26°58	26°D13	27° 1	23°19	n.a.	S 14
S 15	2 54 59	13°28'10	7♒26	2°13	1°37	24°20	12°27	22°31	6°18	17°24	26°57	26°R13	26°58	23°26	n.a.	S 15
M16	2 58 56	14°29'27	19°15	3°45	2°52	24°26	12°21	22°34	6°20	17°25	26°56	26°13	26°55	23°33	n.a.	M16
T 17	3 2 52	15°30'44	1♓ 3	5°17	4° 7	24°33	12°15	22°37	6°23	17°25	26°55	26°11	26°52	23°39	n.a.	T 17
W18	3 6 49	16°32'00	12°57	6°50	5°22	24°41	12°10	22°39	6°25	17°25	26°54	26° 8	26°48	23°46	n.a.	W18
T 19	3 10 45	17°33'17	25° 1	8°22	6°37	24°49	12° 4	22°42	6°28	17°26	26°53	26° 2	26°45	23°53	n.a.	T 19
F 20	3 14 42	18°34'34	7♈19	9°55	7°52	24°58	11°59	22°44	6°30	17°26	26°52	25°53	26°42	23°59	n.a.	F 20
S 21	3 18 38	19°35'50	19°53	11°29	9° 7	25° 7	11°54	22°47	6°33	17°26	26°51	25°43	26°39	24° 6	n.a.	S 21
S 22	3 22 35	20°37'07	2♉46	13° 2	10°22	25°17	11°49	22°49	6°36	17°27	26°50	25°31	26°36	24°13	n.a.	S 22
M23	3 26 31	21°38'23	15°56	14°36	11°37	25°28	11°45	22°51	6°38	17°27	26°49	25°19	26°32	24°19	n.a.	M23
T 24	3 30 28	22°39'40	29°23	16°10	12°52	25°39	11°40	22°53	6°41	17°27	26°48	25° 8	26°29	24°26	n.a.	T 24
W25	3 34 25	23°40'56	13♊ 3	17°44	14° 7	25°51	11°36	22°55	6°44	17°27	26°47	25° 0	26°26	24°33	n.a.	W25
T 26	3 38 21	24°42'13	26°54	19°19	15°21	26° 4	11°32	22°57	6°46	17°28	26°45	24°54	26°23	24°39	n.a.	T 26
F 27	3 42 18	25°43'29	10♋52	20°54	16°36	26°17	11°28	22°58	6°49	17°28	26°44	24°50	26°20	24°46	n.a.	F 27
S 28	3 46 14	26°44'46	24°55	22°29	17°51	26°30	11°24	23° 0	6°52	17°28	26°43	24°D50	26°17	24°53	n.a.	S 28
S 29	3 50 11	27°46'03	9♌ 0	24° 5	19° 6	26°45	11°20	23° 2	6°55	17°R28	26°42	24°50	26°13	24°59	n.a.	S 29
M30	3 54 7	28♏47'19	23♌ 6	25♏41	20♐21	26♓59	11♈17	23♌ 3	6♑58	17♌28	26♊41	24°R51	26♑10	25♒ 6	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s21	20n50	0s 2	2s56	1n47	16s40	0s23	3s 5	0s50	4n18	1s27	16n17	1n54	24s11	0s29	17n 4	1n13	28n46	4n59	20s58	20s57	12s26		n.a.
M 2	11 43	16 13	1 16	3 35	1 41	17 5	0 25	3 4	0 47	4 15	1 27	16 16	1 54	24 11	0 29	17 4	1 13	28 46	4 59	20 58	20 58	12 23		n.a.
T 3	12 5	10 40	2 25	4 15	1 35	17 30	0 28	3 3	0 44	4 12	1 27	16 15	1 54	24 11	0 29	17 4	1 13	28 47	5 0	20 58	20 58	12 21		n.a.
W 4	12 26	4 30	3 26	4 55	1 28	17 54	0 30	3 2	0 41	4 9	1 26	16 14	1 54	24 10	0 29	17 3	1 13	28 47	5 0	20 59	20 59	12 18		n.a.
T 5	12 48	1s55	4 14	5 35	1 22	18 17	0 32	3 0	0 38	4 7	1 26	16 13	1 55	24 10	0 29	17 3	1 13	28 47	5 0	21 0	21 0	12 15		n.a.
F 6	13 9	8 13	4 46	6 16	1 15	18 40	0 35	2 58	0 36	4 4	1 26	16 12	1 55	24 10	0 29	17 3	1 13	28 47	5 0	21 2	21 0	12 12		n.a.
S 7	13 30	14 2	5 0	6 56	1 8	19 3	0 37	2 56	0 33	4 1	1 26	16 11	1 55	24 10	0 29	17 3	1 13	28 47	5 0	21 4	21 1	12 9		n.a.
S 8	13 50	19 2	4 55	7 36	1 1	19 25	0 39	2 54	0 30	3 59	1 26	16 10	1 55	24 10	0 29	17 3	1 13	28 47	5 0	21 7	21 1	12 6		n.a.
M 9	14 11	22 53	4 32	8 17	0 54	19 46	0 42	2 51	0 28	3 56	1 25	16 9	1 56	24 10	0 29	17 2	1 13	28 48	5 1	21 9	21 2	12 3		n.a.
T 10	14 31	25 22	3 55	8 57	0 47	20 7	0 44	2 48	0 25	3 54	1 25	16 8	1 56	24 10	0 29	17 2	1 13	28 48	5 1	21 11	21 3	12 0		n.a.
W11	14 51	26 23	3 6	9 37	0 40	20 27	0 46	2 45	0 23	3 52	1 25	16 7	1 56	24 10	0 29	17 2	1 13	28 48	5 1	21 13	21 3	11 57		n.a.
T 12	15 10	25 58	2 9	10 17	0 33	20 47	0 49	2 41	0 20	3 49	1 25	16 6	1 56	24 10	0 29	17 2	1 13	28 48	5 1	21 14	21 4	11 54		n.a.
F 13	15 30	24 15	1 7	10 56	0 26	21 6	0 51	2 37	0 18	3 47	1 24	16 5	1 57	24 9	0 29	17 2	1 13	28 48	5 1	21 14	21 5	11 51		n.a.
S 14	15 49	21 26	0 4	11 35	0 19	21 25	0 53	2 33	0 15	3 45	1 24	16 5	1 57	24 9	0 29	17 2	1 13	28 48	5 2	21 15	21 5	11 48		n.a.
S 15	16 8	17 45	0n59	12 14	0 13	21 43	0 55	2 29	0 13	3 43	1 24	16 4	1 57	24 9	0 29	17 2	1 13	28 49	5 2	21 15	21 6	11 45		n.a.
M16	16 26	13 24	1 59	12 53	0 6	22 0	0 57	2 24	0 11	3 41	1 23	16 3	1 57	24 9	0 29	17 1	1 13	28 49	5 2	21 15	21 6	11 42		n.a.
T 17	16 45	8 34	2 54	13 30	0s 1	22 16	0 59	2 20	0 8	3 39	1 23	16 3	1 58	24 9	0 29	17 1	1 14	28 49	5 2	21 15	21 7	11 39		n.a.
W18	17 3	3 24	3 42	14 8	0 8	22 32	1 1	2 14	0 6	3 37	1 23	16 2	1 58	24 9	0 29	17 1	1 14	28 49	5 2	21 15	21 8	11 36		n.a.
T 19	17 20	1n58	4 20	14 45	0 14	22 48	1 3	2 9	0 4	3 35	1 23	16 1	1 58	24 9	0 29	17 1	1 14	28 49	5 2	21 17	21 8	11 33		n.a.
F 20	17 38	7 20	4 47	15 21	0 21	23 2	1 5	2 4	0 2	3 33	1 22	16 1	1 58	24 8	0 29	17 1	1 14	28 49	5 3	21 18	21 9	11 30		n.a.
S 21	17 55	12 32	5 1	15 57	0 27	23 16	1 7	1 58	0n 0	3 31	1 22	16 0	1 59	24 8	0 29	17 1	1 14	28 49	5 3	21 20	21 10	11 27		n.a.
S 22	18 11	17 19	5 0	16 32	0 34	23 30	1 9	1 52	0 2	3 30	1 22	16 0	1 59	24 8	0 29	17 1	1 14	28 50	5 3	21 22	21 10	11 24		n.a.
M23	18 28	21 23	4 44	17 7	0 40	23 42	1 11	1 46	0 4	3 28	1 21	15 59	1 59	24 8	0 29	17 1	1 14	28 50	5 3	21 25	21 11	11 22		n.a.
T 24	18 44	24 25	4 11	17 40	0 46	23 54	1 13	1 40	0 6	3 27	1 21	15 59	1 59	24 8	0 29	17 1	1 14	28 50	5 3	21 27	21 11	11 19		n.a.
W25	18 59	26 5	3 24	18 13	0 52	24 5	1 15	1 33	0 8	3 25	1 21	15 58	2 0	24 8	0 29	17 1	1 14	28 50	5 3	21 28	21 12	11 16		n.a.
T 26	19 15	26 10	2 23	18 46	0 58	24 16	1 16	1 26	0 10	3 24	1 21	15 58	2 0	24 8	0 29	17 1	1 14	28 50	5 3	21 29	21 13	11 13		n.a.
F 27	19 30	24 36	1 14	19 17	1 3	24 25	1 18	1 20	0 12	3 23	1 20	15 58	2 0	24 7	0 29	17 1	1 14	28 50	5 4	21 30	21 13	11 10		n.a.
S 28	19 44	21 29	0s 0	19 48	1 9	24 34	1 20	1 12	0 13	3 21	1 20	15 57	2 1	24 7	0 29	17 1	1 14	28 50	5 4	21 30	21 14	11 7		n.a.
S 29	19 58	17 5	1 15	20 17	1 14	24 43	1 21	1 5	0 15	3 20	1 20	15 57	2 1	24 7	0 29	17 1	1 14	28 50	5 4	21 30	21 14	11 4		n.a.
M30	20s12	11n45	2s26	20s46	1s19	24s50	1s23	0s58	0n17	3n19	1s19	15n57	2n 1	24s 7	0s29	17n 1	1n14	28n51	5n 4	21s30	21s15	11s 1		n.a.

Julian Day Number = 1346980.5, Delta T = 07h10m43s
Ecliptic obliquity = 23°49'07, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'42, Lahiri = -18°06'41 Julian Calendar 1 Nov. 1026 BCE == Greg. Calendar 22 Oct. 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1026 BCE
geocentric

DECEMBER 1026 BCE (-1025) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 4	29♏48'36	7♍12	27♏17	21♐36	27♓14	11°R14	23♌ 4	7♑ 1	17°R28	26°R40	24°R51	26♑ 7	25♒13	n.a.	T 1
W 2	4 2 1	0♐49'52	21°17	28°54	22°51	27°30	11♈11	23° 6	7° 4	17♌28	26♊38	24♑49	26° 4	25°19	n.a.	W 2
T 3	4 5 57	1°51'09	5♎20	0♐31	24° 5	27°46	11° 8	23° 7	7° 7	17°27	26°37	24°45	26° 1	25°26	n.a.	T 3
F 4	4 9 54	2°52'25	19°18	2° 9	25°20	28° 3	11° 5	23° 8	7°10	17°27	26°36	24°38	25°57	25°33	n.a.	F 4
S 5	4 13 50	3°53'41	3♏ 9	3°47	26°35	28°20	11° 3	23° 9	7°13	17°27	26°35	24°30	25°54	25°39	n.a.	S 5
S 6	4 17 47	4°54'57	16°49	5°26	27°50	28°38	11° 1	23° 9	7°16	17°27	26°33	24°21	25°51	25°46	n.a.	S 6
M 7	4 21 43	5°56'12	0♐15	7° 5	29° 4	28°56	10°59	23°10	7°19	17°27	26°32	24°12	25°48	25°53	n.a.	M 7
T 8	4 25 40	6°57'27	13°25	8°44	0♑19	29°14	10°57	23°11	7°22	17°26	26°31	24° 4	25°45	25°59	n.a.	T 8
W 9	4 29 37	7°58'42	26°18	10°24	1°34	29°33	10°55	23°11	7°25	17°26	26°30	23°59	25°42	26° 6	n.a.	W 9
T 10	4 33 33	8°59'55	8♑52	12° 5	2°48	29°52	10°54	23°11	7°28	17°26	26°28	23°55	25°38	26°13	n.a.	T 10
F 11	4 37 30	10° 1'08	21°11	13°46	4° 3	0♈12	10°53	23°12	7°31	17°25	26°27	23°D54	25°35	26°19	n.a.	F 11
S 12	4 41 26	11° 2'20	3♒16	15°27	5°18	0°32	10°52	23°12	7°35	17°25	26°26	23°54	25°32	26°26	n.a.	S 12
S 13	4 45 23	12° 3'30	15°11	17° 9	6°32	0°53	10°51	23°R12	7°38	17°25	26°24	23°56	25°29	26°33	n.a.	S 13
M14	4 49 19	13° 4'40	27° 0	18°51	7°47	1°14	10°51	23°12	7°41	17°24	26°23	23°57	25°26	26°39	n.a.	M14
T 15	4 53 16	14° 5'48	8♓49	20°34	9° 1	1°35	10°50	23°11	7°44	17°24	26°22	23°R58	25°23	26°46	n.a.	T 15
W16	4 57 12	15° 6'56	20°43	22°17	10°16	1°57	10°D50	23°11	7°47	17°23	26°20	23°58	25°19	26°53	n.a.	W16
T 17	5 1 9	16° 8'02	2♈47	24° 0	11°30	2°19	10°50	23°11	7°51	17°22	26°19	23°57	25°16	26°59	n.a.	T 17
F 18	5 5 6	17° 9'07	15° 5	25°44	12°45	2°41	10°51	23°10	7°54	17°22	26°18	23°54	25°13	27° 6	n.a.	F 18
S 19	5 9 2	18°10'10	27°42	27°28	13°59	3° 4	10°51	23°10	7°57	17°21	26°16	23°49	25°10	27°13	n.a.	S 19
S 20	5 12 59	19°11'13	10♉40	29°11	15°13	3°27	10°52	23° 9	8° 1	17°20	26°15	23°43	25° 7	27°19	n.a.	S 20
M21	5 16 55	20°12'14	24° 1	0♑55	16°28	3°50	10°53	23° 8	8° 4	17°20	26°13	23°37	25° 3	27°26	n.a.	M21
T 22	5 20 52	21°13'14	7♊44	2°39	17°42	4°14	10°54	23° 7	8° 7	17°19	26°12	23°32	25° 0	27°33	n.a.	T 22
W23	5 24 48	22°14'13	21°46	4°22	18°56	4°38	10°55	23° 6	8°11	17°18	26°11	23°28	24°57	27°39	n.a.	W23
T 24	5 28 45	23°15'11	6♋ 3	6° 5	20°10	5° 2	10°57	23° 5	8°14	17°18	26° 9	23°25	24°54	27°46	n.a.	T 24
F 25	5 32 42	24°16'08	20°29	7°47	21°25	5°26	10°58	23° 4	8°17	17°17	26° 8	23°D24	24°51	27°53	n.a.	F 25
S 26	5 36 38	25°17'03	5♌ 0	9°28	22°39	5°51	11° 0	23° 2	8°21	17°16	26° 7	23°24	24°48	27°59	n.a.	S 26
S 27	5 40 35	26°17'57	19°29	11° 7	23°53	6°16	11° 2	23° 1	8°24	17°15	26° 5	23°26	24°44	28° 6	n.a.	S 27
M28	5 44 31	27°18'51	3♍53	12°44	25° 7	6°41	11° 5	22°59	8°28	17°14	26° 4	23°27	24°41	28°13	n.a.	M28
T 29	5 48 28	28°19'43	18° 8	14°20	26°21	7° 7	11° 7	22°58	8°31	17°13	26° 2	23°28	24°38	28°19	n.a.	T 29
W30	5 52 24	29°20'34	2♎12	15°52	27°35	7°33	11°10	22°56	8°35	17°12	26° 1	23°R29	24°35	28°26	n.a.	W30
T 31	5 56 21	0♑21'24	16♎ 5	17♑22	28♑49	7♈59	11♈13	22♌54	8♑38	17♌11	26♊ 0	23♑28	24♑32	28♒33	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s26	5n48	3s27	21s14	1s24	24s57	1s24	0s50	0n18	3n18	1s19	15n57	2n 1	24s 7	0s29	17n 1	1n14	28n51	5n 4	21s30	21s16	10s58		n.a.
W 2	20 39	0s24	4 16	21 40	1 29	25 3	1 25	0 42	0 20	3 17	1 19	15 57	2 2	24 7	0 29	17 1	1 14	28 51	5 4	21 30	21 16	10 55		n.a.
T 3	20 52	6 34	4 49	22 6	1 33	25 8	1 27	0 34	0 22	3 16	1 18	15 57	2 2	24 6	0 29	17 1	1 14	28 51	5 4	21 31	21 17	10 52		n.a.
F 4	21 4	12 22	5 5	22 31	1 37	25 12	1 28	0 26	0 23	3 16	1 18	15 57	2 2	24 6	0 29	17 2	1 14	28 51	5 5	21 32	21 17	10 49		n.a.
S 5	21 16	17 29	5 3	22 54	1 41	25 16	1 29	0 18	0 25	3 15	1 18	15 56	2 2	24 6	0 29	17 2	1 14	28 51	5 5	21 34	21 18	10 46		n.a.
S 6	21 27	21 39	4 43	23 16	1 45	25 18	1 30	0 9	0 26	3 14	1 17	15 56	2 3	24 6	0 29	17 2	1 15	28 51	5 5	21 35	21 19	10 43		n.a.
M 7	21 38	24 34	4 9	23 37	1 48	25 20	1 32	0 1	0 27	3 14	1 17	15 57	2 3	24 6	0 29	17 2	1 15	28 51	5 5	21 37	21 19	10 40		n.a.
T 8	21 49	26 5	3 21	23 56	1 51	25 22	1 33	0n 8	0 29	3 14	1 17	15 57	2 3	24 6	0 29	17 2	1 15	28 51	5 5	21 38	21 20	10 37		n.a.
W 9	21 59	26 9	2 24	24 14	1 54	25 22	1 34	0 17	0 30	3 13	1 16	15 57	2 4	24 5	0 29	17 2	1 15	28 51	5 5	21 39	21 20	10 34		n.a.
T 10	22 9	24 51	1 20	24 31	1 56	25 22	1 34	0 26	0 32	3 13	1 16	15 57	2 4	24 5	0 29	17 2	1 15	28 51	5 5	21 40	21 21	10 31		n.a.
F 11	22 18	22 22	0 15	24 46	1 58	25 21	1 35	0 35	0 33	3 13	1 16	15 57	2 4	24 5	0 29	17 2	1 15	28 52	5 5	21 40	21 22	10 28		n.a.
S 12	22 27	18 55	0n51	25 0	2 0	25 19	1 36	0 44	0 34	3 13	1 15	15 57	2 4	24 5	0 29	17 3	1 15	28 52	5 6	21 40	21 22	10 25		n.a.
S 13	22 36	14 44	1 53	25 12	2 1	25 16	1 37	0 54	0 35	3 13	1 15	15 57	2 5	24 5	0 29	17 3	1 15	28 52	5 6	21 40	21 23	10 22		n.a.
M14	22 44	10 3	2 50	25 22	2 2	25 12	1 37	1 3	0 37	3 13	1 15	15 58	2 5	24 4	0 29	17 3	1 15	28 52	5 6	21 39	21 23	10 19		n.a.
T 15	22 51	5 0	3 40	25 31	2 2	25 8	1 38	1 13	0 38	3 13	1 14	15 58	2 5	24 4	0 29	17 3	1 15	28 52	5 6	21 39	21 24	10 16		n.a.
W16	22 58	0n15	4 21	25 37	2 2	25 3	1 39	1 23	0 39	3 13	1 14	15 58	2 5	24 4	0 29	17 3	1 15	28 52	5 6	21 39	21 25	10 13		n.a.
T 17	23 5	5 33	4 51	25 42	2 2	24 57	1 39	1 33	0 40	3 14	1 14	15 59	2 6	24 4	0 29	17 4	1 15	28 52	5 6	21 40	21 25	10 10		n.a.
F 18	23 11	10 45	5 8	25 45	2 1	24 51	1 39	1 43	0 41	3 14	1 13	15 59	2 6	24 4	0 29	17 4	1 15	28 52	5 6	21 40	21 26	10 7		n.a.
S 19	23 17	15 38	5 11	25 46	1 59	24 43	1 40	1 53	0 42	3 15	1 13	16 0	2 6	24 3	0 29	17 4	1 15	28 52	5 6	21 41	21 26	10 4		n.a.
S 20	23 22	19 58	4 58	25 46	1 57	24 35	1 40	2 3	0 43	3 15	1 13	16 0	2 7	24 3	0 29	17 4	1 15	28 52	5 6	21 42	21 27	10 1		n.a.
M21	23 27	23 25	4 29	25 43	1 54	24 26	1 40	2 13	0 44	3 16	1 12	16 1	2 7	24 3	0 29	17 5	1 15	28 52	5 6	21 43	21 28	9 58		n.a.
T 22	23 31	25 38	3 44	25 38	1 50	24 17	1 40	2 24	0 45	3 17	1 12	16 1	2 7	24 3	0 29	17 5	1 15	28 52	5 7	21 44	21 28	9 55		n.a.
W23	23 35	26 18	2 45	25 31	1 46	24 6	1 40	2 34	0 46	3 17	1 12	16 2	2 7	24 3	0 29	17 5	1 15	28 52	5 7	21 45	21 29	9 52		n.a.
T 24	23 39	25 14	1 34	25 21	1 41	23 55	1 40	2 45	0 47	3 18	1 11	16 3	2 8	24 2	0 29	17 6	1 15	28 52	5 7	21 45	21 29	9 49		n.a.
F 25	23 41	22 30	0 16	25 10	1 35	23 44	1 40	2 56	0 48	3 19	1 11	16 3	2 8	24 2	0 29	17 6	1 15	28 52	5 7	21 45	21 30	9 46		n.a.
S 26	23 44	18 18	1s 3	24 57	1 29	23 31	1 40	3 7	0 49	3 20	1 11	16 4	2 8	24 2	0 29	17 6	1 16	28 52	5 7	21 45	21 30	9 43		n.a.
S 27	23 46	13 1	2 18	24 42	1 22	23 18	1 39	3 18	0 50	3 21	1 10	16 5	2 8	24 2	0 29	17 6	1 16	28 52	5 7	21 45	21 31	9 40		n.a.
M28	23 47	7 4	3 24	24 25	1 13	23 4	1 39	3 28	0 51	3 23	1 10	16 5	2 9	24 2	0 29	17 7	1 16	28 52	5 7	21 45	21 32	9 37		n.a.
T 29	23 48	0 50	4 17	24 6	1 4	22 49	1 38	3 40	0 52	3 24	1 10	16 6	2 9	24 1	0 29	17 7	1 16	28 52	5 7	21 45	21 32	9 34		n.a.
W30	23 49	5s22	4 53	23 46	0 55	22 34	1 38	3 51	0 53	3 25	1 10	16 7	2 9	24 1	0 29	17 7	1 16	28 52	5 7	21 44	21 33	9 31		n.a.
T 31	23s49	11s12	5s12	23s24	0s44	22s18	1s37	4n 2	0n53	3n27	1s 9	16n 8	2n 9	24s 1	0s29	17n 8	1n16	28n53	5n 7	21s45	21s33	9s28		n.a.

Julian Day Number = 1347010.5, Delta T = 07h10m41s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'37, Lahiri = -18°06'37 Julian Calendar 1 Dec. 1026 BCE == Greg. Calendar 21 Nov. 1026 BCE

The year -1025 astronomical counting style corresponds to year 1026 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

JANUARY 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 0 17	1♉22'13	29♎44	18♉47	0♒ 3	8♈25	11♈16	22°R52	8♉41	17°R10	25°R58	23°R26	24♉29	28♒39	n.a.	F 1
S 2	6 4 14	2°23'01	13♏11	20° 8	1°17	8°52	11°19	22♌50	8°45	17♌ 9	25♊57	23♉23	24°25	28°46	n.a.	S 2
S 3	6 8 11	3°23'47	26°25	21°24	2°31	9°18	11°23	22°48	8°48	17° 8	25°56	23°20	24°22	28°53	n.a.	S 3
M 4	6 12 7	4°24'33	9♐25	22°34	3°45	9°45	11°26	22°46	8°52	17° 7	25°54	23°17	24°19	28°59	n.a.	M 4
T 5	6 16 4	5°25'16	22°12	23°37	4°58	10°13	11°30	22°43	8°55	17° 6	25°53	23°14	24°16	29° 6	n.a.	T 5
W 6	6 20 0	6°25'59	4♉46	24°32	6°12	10°40	11°34	22°41	8°59	17° 5	25°51	23°13	24°13	29°13	n.a.	W 6
T 7	6 23 57	7°26'40	17° 7	25°20	7°26	11° 8	11°38	22°38	9° 2	17° 4	25°50	23°12	24° 9	29°19	n.a.	T 7
F 8	6 27 53	8°27'19	29°17	25°59	8°39	11°35	11°43	22°36	9° 6	17° 2	25°49	23°D12	24° 6	29°26	n.a.	F 8
S 9	6 31 50	9°27'56	11♒17	26°28	9°53	12° 3	11°47	22°33	9° 9	17° 1	25°47	23°12	24° 3	29°33	n.a.	S 9
S 10	6 35 46	10°28'31	23°10	26°47	11° 7	12°32	11°52	22°30	9°13	17° 0	25°46	23°13	24° 0	29°39	n.a.	S 10
M11	6 39 43	11°29'05	5♓ 0	26°R56	12°20	13° 0	11°57	22°27	9°16	16°59	25°45	23°15	23°57	29°46	n.a.	M11
T 12	6 43 40	12°29'36	16°49	26°55	13°33	13°29	12° 2	22°24	9°20	16°57	25°43	23°16	23°54	29°53	n.a.	T 12
W13	6 47 36	13°30'06	28°42	26°43	14°47	13°57	12° 7	22°21	9°23	16°56	25°42	23°17	23°50	29°59	n.a.	W13
T 14	6 51 33	14°30'33	10♈44	26°22	16° 0	14°26	12°13	22°18	9°27	16°55	25°41	23°R17	23°47	0♓ 6	n.a.	T 14
F 15	6 55 29	15°30'59	22°59	25°51	17°13	14°56	12°19	22°15	9°30	16°53	25°40	23°17	23°44	0°13	n.a.	F 15
S 16	6 59 26	16°31'22	5♉33	25°11	18°27	15°25	12°24	22°12	9°34	16°52	25°38	23°17	23°41	0°20	n.a.	S 16
S 17	7 3 22	17°31'43	18°28	24°23	19°40	15°54	12°30	22° 9	9°37	16°51	25°37	23°16	23°38	0°26	n.a.	S 17
M18	7 7 19	18°32'02	1♊48	23°29	20°53	16°24	12°36	22° 5	9°40	16°49	25°36	23°15	23°35	0°33	n.a.	M18
T 19	7 11 15	19°32'20	15°34	22°30	22° 6	16°54	12°43	22° 2	9°44	16°48	25°34	23°15	23°31	0°40	n.a.	T 19
W20	7 15 12	20°32'35	29°45	21°28	23°19	17°24	12°49	21°58	9°47	16°46	25°33	23°15	23°28	0°46	n.a.	W20
T 21	7 19 9	21°32'48	14♋17	20°24	24°32	17°54	12°56	21°54	9°51	16°45	25°32	23°14	23°25	0°53	n.a.	T 21
F 22	7 23 5	22°32'59	29° 5	19°19	25°44	18°24	13° 3	21°51	9°54	16°44	25°31	23°D14	23°22	1° 0	n.a.	F 22
S 23	7 27 2	23°33'08	14♌ 2	18°16	26°57	18°54	13° 9	21°47	9°58	16°42	25°30	23°R14	23°19	1° 6	n.a.	S 23
S 24	7 30 58	24°33'15	28°58	17°15	28°10	19°24	13°17	21°43	10° 1	16°41	25°28	23°14	23°15	1°13	n.a.	S 24
M25	7 34 55	25°33'20	13♍48	16°19	29°22	19°55	13°24	21°39	10° 4	16°39	25°27	23°14	23°12	1°20	n.a.	M25
T 26	7 38 51	26°33'24	28°23	15°27	0♓35	20°26	13°31	21°35	10° 8	16°38	25°26	23°14	23° 9	1°26	n.a.	T 26
W27	7 42 48	27°33'26	12♎40	14°41	1°47	20°57	13°39	21°31	10°11	16°36	25°25	23°14	23° 6	1°33	n.a.	W27
T 28	7 46 44	28°33'26	26°36	14° 1	3° 0	21°28	13°46	21°27	10°14	16°34	25°24	23°D13	23° 3	1°40	n.a.	T 28
F 29	7 50 41	29°33'24	10♏11	13°27	4°12	21°59	13°54	21°23	10°18	16°33	25°23	23°14	23° 0	1°46	n.a.	F 29
S 30	7 54 38	0♒33'21	23°25	13° 0	5°24	22°30	14° 2	21°19	10°21	16°31	25°22	23°14	22°56	1°53	n.a.	S 30
S 31	7 58 34	1♒33'16	6♐22	12♉40	6♓37	23♈ 1	14♈10	21♌15	10♉24	16♌30	25♊21	23♉15	22♉53	2♓ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s49	16s25	5s13	23s 0	0s32	22s 2	1s37	4n13	0n54	3n28	1s 9	16n 9	2n10	24s 1	0s29	17n 8	1n16	28n53	5n 7	21s45	21s34	9s25		n.a.
S 2	23 48	20 44	4 56	22 36	0 20	21 45	1 36	4 24	0 55	3 30	1 9	16 10	2 10	24 0	0 29	17 9	1 16	28 53	5 7	21 45	21 34	9 22		n.a.
S 3	23 46	23 56	4 24	22 11	0 6	21 27	1 35	4 36	0 56	3 32	1 8	16 11	2 10	24 0	0 29	17 9	1 16	28 53	5 7	21 46	21 35	9 19		n.a.
M 4	23 45	25 49	3 39	21 46	0n 8	21 9	1 34	4 47	0 57	3 33	1 8	16 12	2 10	24 0	0 29	17 9	1 16	28 53	5 8	21 46	21 36	9 16		n.a.
T 5	23 42	26 18	2 43	21 20	0 23	20 50	1 33	4 59	0 57	3 35	1 8	16 13	2 11	24 0	0 29	17 10	1 16	28 53	5 8	21 47	21 36	9 13		n.a.
W 6	23 40	25 24	1 40	20 55	0 39	20 30	1 32	5 10	0 58	3 37	1 7	16 14	2 11	23 59	0 29	17 10	1 16	28 53	5 8	21 47	21 37	9 10		n.a.
T 7	23 36	23 15	0 34	20 31	0 55	20 10	1 31	5 22	0 59	3 39	1 7	16 15	2 11	23 59	0 29	17 10	1 16	28 53	5 8	21 47	21 37	9 7		n.a.
F 8	23 33	20 5	0n34	20 7	1 12	19 49	1 30	5 34	0 59	3 41	1 7	16 16	2 11	23 59	0 29	17 11	1 16	28 53	5 8	21 47	21 38	9 4		n.a.
S 9	23 28	16 5	1 39	19 45	1 29	19 28	1 28	5 45	1 0	3 43	1 6	16 17	2 12	23 59	0 29	17 11	1 16	28 53	5 8	21 47	21 38	9 1		n.a.
S 10	23 24	11 31	2 39	19 24	1 46	19 6	1 27	5 57	1 1	3 45	1 6	16 18	2 12	23 59	0 29	17 12	1 16	28 53	5 8	21 47	21 39	8 58		n.a.
M11	23 19	6 33	3 32	19 6	2 3	18 44	1 25	6 9	1 1	3 47	1 6	16 19	2 12	23 58	0 29	17 12	1 16	28 53	5 8	21 47	21 40	8 55		n.a.
T 12	23 13	1 22	4 16	18 50	2 19	18 21	1 24	6 21	1 2	3 50	1 5	16 21	2 12	23 58	0 29	17 13	1 16	28 53	5 8	21 47	21 40	8 52		n.a.
W13	23 7	3n53	4 49	18 36	2 35	17 58	1 22	6 33	1 3	3 52	1 5	16 22	2 13	23 58	0 29	17 13	1 16	28 53	5 8	21 47	21 41	8 49		n.a.
T 14	23 1	9 3	5 10	18 25	2 51	17 34	1 21	6 45	1 3	3 55	1 5	16 23	2 13	23 58	0 29	17 13	1 16	28 53	5 8	21 46	21 41	8 46		n.a.
F 15	22 54	13 58	5 17	18 17	3 5	17 10	1 19	6 57	1 4	3 57	1 5	16 24	2 13	23 57	0 29	17 14	1 16	28 53	5 8	21 46	21 42	8 43		n.a.
S 16	22 47	18 26	5 10	18 12	3 17	16 45	1 17	7 9	1 4	4 0	1 4	16 26	2 13	23 57	0 29	17 14	1 16	28 53	5 8	21 47	21 42	8 40		n.a.
S 17	22 39	22 11	4 47	18 10	3 29	16 20	1 15	7 21	1 5	4 2	1 4	16 27	2 13	23 57	0 29	17 15	1 16	28 52	5 8	21 47	21 43	8 36		n.a.
M18	22 31	24 54	4 9	18 10	3 38	15 55	1 13	7 33	1 5	4 5	1 4	16 28	2 14	23 57	0 29	17 15	1 16	28 52	5 8	21 47	21 43	8 33		n.a.
T 19	22 22	26 15	3 14	18 12	3 45	15 29	1 11	7 45	1 6	4 8	1 3	16 30	2 14	23 56	0 29	17 16	1 16	28 52	5 8	21 47	21 44	8 30		n.a.
W20	22 13	25 56	2 7	18 17	3 50	15 3	1 9	7 57	1 6	4 11	1 3	16 31	2 14	23 56	0 29	17 16	1 16	28 52	5 8	21 47	21 45	8 27		n.a.
T 21	22 4	23 52	0 50	18 24	3 53	14 36	1 7	8 9	1 7	4 13	1 3	16 32	2 14	23 56	0 29	17 17	1 17	28 52	5 8	21 47	21 45	8 24		n.a.
F 22	21 54	20 8	0s32	18 33	3 53	14 9	1 4	8 21	1 7	4 16	1 2	16 34	2 14	23 56	0 29	17 17	1 17	28 52	5 8	21 47	21 46	8 21		n.a.
S 23	21 44	15 5	1 53	18 43	3 52	13 42	1 2	8 34	1 8	4 19	1 2	16 35	2 15	23 55	0 29	17 18	1 17	28 52	5 8	21 47	21 46	8 18		n.a.
S 24	21 33	9 7	3 6	18 55	3 48	13 14	1 0	8 46	1 8	4 22	1 2	16 37	2 15	23 55	0 29	17 18	1 17	28 52	5 8	21 47	21 47	8 15		n.a.
M25	21 22	2 42	4 6	19 7	3 43	12 46	0 57	8 58	1 9	4 25	1 2	16 38	2 15	23 55	0 29	17 19	1 17	28 52	5 8	21 47	21 47	8 12		n.a.
T 26	21 11	3s45	4 48	19 20	3 35	12 18	0 55	9 10	1 9	4 29	1 1	16 39	2 15	23 55	0 29	17 19	1 17	28 52	5 8	21 47	21 48	8 9		n.a.
W27	20 59	9 51	5 12	19 34	3 27	11 49	0 52	9 22	1 10	4 32	1 1	16 41	2 15	23 54	0 29	17 20	1 17	28 52	5 8	21 47	21 48	8 6		n.a.
T 28	20 47	15 19	5 17	19 48	3 17	11 20	0 50	9 35	1 10	4 35	1 1	16 42	2 15	23 54	0 29	17 20	1 17	28 52	5 8	21 47	21 49	8 3		n.a.
F 29	20 34	19 54	5 4	20 2	3 6	10 51	0 47	9 47	1 11	4 38	1 1	16 44	2 16	23 54	0 29	17 21	1 17	28 52	5 8	21 47	21 49	8 0		n.a.
S 30	20 21	23 21	4 35	20 17	2 54	10 21	0 44	9 59	1 11	4 42	1 0	16 45	2 16	23 54	0 29	17 21	1 17	28 52	5 8	21 47	21 50	7 57		n.a.
S 31	20s 8	25s31	3s52	20s31	2n42	9s52	0s41	10n11	1n11	4n45	1s 0	16n47	2n16	23s53	0s29	17n22	1n17	28n52	5n 8	21s47	21s51	7s54		n.a.

Julian Day Number = 1347041.5, Delta T = 07h10m40s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'33, Lahiri = -18°06'33 Julian Calendar 1 Jan. 1025 BCE == Greg. Calendar 22 Dec. 1026 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

FEBRUARY 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 2 31	2♒33'09	19♐ 3	12°R27	7♓49	23♈33	14♈18	21°R10	10♉28	16°R28	25°R19	23♉16	22♉50	2♓ 6	n.a.	M 1
T 2	8 6 27	3°33'00	1♉30	12♉20	9° 1	24° 4	14°27	21♌ 6	10°31	16♌27	25♊18	23°16	22°47	2°13	n.a.	T 2
W 3	8 10 24	4°32'49	13°46	12°D20	10°13	24°36	14°35	21° 2	10°34	16°25	25°17	23°17	22°44	2°20	n.a.	W 3
T 4	8 14 20	5°32'36	25°53	12°25	11°24	25° 7	14°44	20°57	10°37	16°23	25°16	23°R17	22°41	2°26	n.a.	T 4
F 5	8 18 17	6°32'21	7♒52	12°37	12°36	25°39	14°53	20°53	10°41	16°22	25°15	23°17	22°37	2°33	n.a.	F 5
S 6	8 22 13	7°32'04	19°46	12°54	13°48	26°11	15° 1	20°49	10°44	16°20	25°14	23°16	22°34	2°40	n.a.	S 6
S 7	8 26 10	8°31'45	1♓36	13°16	14°59	26°43	15°10	20°44	10°47	16°18	25°13	23°14	22°31	2°46	n.a.	S 7
M 8	8 30 7	9°31'23	13°26	13°43	16°11	27°16	15°20	20°40	10°50	16°17	25°13	23°11	22°28	2°53	n.a.	M 8
T 9	8 34 3	10°30'59	25°16	14°15	17°22	27°48	15°29	20°35	10°53	16°15	25°12	23° 8	22°25	3° 0	n.a.	T 9
W10	8 38 0	11°30'32	7♈11	14°51	18°34	28°20	15°38	20°31	10°56	16°13	25°11	23° 6	22°21	3° 6	n.a.	W10
T 11	8 41 56	12°30'04	19°13	15°31	19°45	28°53	15°48	20°26	10°59	16°12	25°10	23° 3	22°18	3°13	n.a.	T 11
F 12	8 45 53	13°29'33	1♉26	16°14	20°56	29°25	15°57	20°21	11° 3	16°10	25° 9	23° 2	22°15	3°20	n.a.	F 12
S 13	8 49 49	14°28'59	13°56	17° 2	22° 7	29°58	16° 7	20°17	11° 6	16° 9	25° 8	23°D 1	22°12	3°26	n.a.	S 13
S 14	8 53 46	15°28'23	26°45	17°52	23°18	0♉30	16°17	20°12	11° 9	16° 7	25° 7	23° 2	22° 9	3°33	n.a.	S 14
M15	8 57 42	16°27'45	9♊57	18°46	24°29	1° 3	16°27	20° 7	11°12	16° 5	25° 7	23° 3	22° 6	3°40	n.a.	M15
T 16	9 1 39	17°27'04	23°36	19°43	25°39	1°36	16°37	20° 3	11°15	16° 4	25° 6	23° 4	22° 2	3°47	n.a.	T 16
W17	9 5 35	18°26'21	7♋42	20°43	26°50	2° 9	16°47	19°58	11°18	16° 2	25° 5	23° 6	21°59	3°53	n.a.	W17
T 18	9 9 32	19°25'35	22°14	21°45	28° 0	2°42	16°57	19°54	11°20	16° 0	25° 4	23°R 6	21°56	4° 0	n.a.	T 18
F 19	9 13 29	20°24'47	7♌ 8	22°50	29°10	3°15	17° 8	19°49	11°23	15°59	25° 4	23° 6	21°53	4° 7	n.a.	F 19
S 20	9 17 25	21°23'57	22°17	23°57	0♈21	3°48	17°18	19°44	11°26	15°57	25° 3	23° 4	21°50	4°13	n.a.	S 20
S 21	9 21 22	22°23'04	7♍31	25° 6	1°31	4°22	17°29	19°40	11°29	15°55	25° 2	23° 1	21°47	4°20	n.a.	S 21
M22	9 25 18	23°22'10	22°42	26°18	2°41	4°55	17°39	19°35	11°32	15°54	25° 2	22°56	21°43	4°27	n.a.	M22
T 23	9 29 15	24°21'13	7♎37	27°32	3°51	5°28	17°50	19°30	11°35	15°52	25° 1	22°52	21°40	4°33	n.a.	T 23
W24	9 33 11	25°20'14	22°11	28°48	5° 0	6° 2	18° 1	19°26	11°37	15°50	25° 0	22°48	21°37	4°40	n.a.	W24
T 25	9 37 8	26°19'14	6♏20	0♒ 5	6°10	6°35	18°12	19°21	11°40	15°49	25° 0	22°45	21°34	4°47	n.a.	T 25
F 26	9 41 4	27°18'12	20° 0	1°25	7°19	7° 9	18°23	19°16	11°43	15°47	24°59	22°44	21°31	4°53	n.a.	F 26
S 27	9 45 1	28°17'08	3♐15	2°46	8°29	7°42	18°34	19°12	11°45	15°46	24°59	22°D43	21°27	5° 0	n.a.	S 27
S 28	9 48 58	29°16'02	16° 5	4°10	9°38	8°16	18°45	19° 7	11°48	15°44	24°58	22°44	21°24	5° 7	n.a.	S 28
M29	9 52 54	0♓14'54	28♐37	5♒35	10♈47	8♉50	18♈56	19♌ 3	11♉51	15♌42	24♊58	22♉46	21♉21	5♓13	n.a.	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s54	26s20	2s59	20s45	2n29	9s22	0s38	10n23	1n12	4n49	1s 0	16n49	2n16	23s53	0s29	17n22	1n17	28n52	5n 8	21s47	21s51	7s51		n.a.
T 2	19 40	25 47	1 58	20 58	2 16	8 52	0 35	10 36	1 12	4 52	1 0	16 50	2 16	23 53	0 29	17 23	1 17	28 52	5 8	21 47	21 52	7 48		n.a.
W 3	19 26	23 58	0 53	21 12	2 3	8 21	0 32	10 48	1 12	4 56	0 59	16 52	2 16	23 53	0 29	17 23	1 17	28 52	5 8	21 46	21 52	7 45		n.a.
T 4	19 11	21 4	0n14	21 24	1 50	7 51	0 29	11 0	1 13	4 59	0 59	16 53	2 16	23 52	0 29	17 24	1 17	28 52	5 8	21 46	21 53	7 42		n.a.
F 5	18 56	17 18	1 20	21 37	1 36	7 20	0 26	11 12	1 13	5 3	0 59	16 55	2 17	23 52	0 29	17 24	1 17	28 52	5 8	21 46	21 53	7 39		n.a.
S 6	18 41	12 53	2 21	21 48	1 23	6 49	0 23	11 24	1 13	5 7	0 58	16 56	2 17	23 52	0 29	17 25	1 17	28 52	5 8	21 47	21 54	7 36		n.a.
S 7	18 25	8 1	3 16	21 59	1 10	6 18	0 20	11 36	1 14	5 10	0 58	16 58	2 17	23 52	0 29	17 25	1 17	28 52	5 8	21 47	21 54	7 33		n.a.
M 8	18 9	2 53	4 3	22 9	0 57	5 47	0 16	11 49	1 14	5 14	0 58	17 0	2 17	23 51	0 29	17 26	1 17	28 52	5 8	21 47	21 55	7 30		n.a.
T 9	17 53	2n21	4 39	22 18	0 45	5 16	0 13	12 1	1 14	5 18	0 58	17 1	2 17	23 51	0 29	17 26	1 17	28 51	5 8	21 48	21 55	7 27		n.a.
W10	17 36	7 31	5 3	22 26	0 33	4 45	0 10	12 13	1 15	5 22	0 58	17 3	2 17	23 51	0 29	17 27	1 17	28 51	5 8	21 48	21 56	7 24		n.a.
T 11	17 19	12 28	5 15	22 34	0 21	4 13	0 6	12 25	1 15	5 26	0 57	17 4	2 17	23 51	0 29	17 27	1 17	28 51	5 8	21 49	21 56	7 21		n.a.
F 12	17 2	17 1	5 12	22 40	0 9	3 42	0 3	12 37	1 15	5 30	0 57	17 6	2 17	23 50	0 29	17 28	1 17	28 51	5 8	21 49	21 57	7 17		n.a.
S 13	16 45	20 57	4 55	22 45	0s 2	3 10	0n 1	12 49	1 16	5 34	0 57	17 7	2 17	23 50	0 29	17 28	1 17	28 51	5 8	21 49	21 57	7 14		n.a.
S 14	16 27	23 59	4 23	22 49	0 13	2 38	0 4	13 1	1 16	5 38	0 57	17 9	2 18	23 50	0 29	17 29	1 17	28 51	5 8	21 49	21 58	7 11		n.a.
M15	16 9	25 51	3 36	22 52	0 23	2 7	0 8	13 13	1 16	5 42	0 56	17 11	2 18	23 50	0 30	17 29	1 17	28 51	5 8	21 49	21 58	7 8		n.a.
T 16	15 51	26 15	2 35	22 54	0 33	1 35	0 11	13 25	1 16	5 46	0 56	17 12	2 18	23 49	0 30	17 30	1 17	28 51	5 8	21 49	21 59	7 5		n.a.
W17	15 32	24 59	1 24	22 54	0 43	1 3	0 15	13 36	1 17	5 50	0 56	17 14	2 18	23 49	0 30	17 30	1 17	28 51	5 8	21 48	21 59	7 2		n.a.
T 18	15 14	22 2	0 5	22 53	0 52	0 31	0 19	13 48	1 17	5 54	0 56	17 15	2 18	23 49	0 30	17 31	1 17	28 51	5 8	21 48	22 0	6 59		n.a.
F 19	14 55	17 33	1s16	22 51	1 1	0n 0	0 22	14 0	1 17	5 59	0 55	17 17	2 18	23 49	0 30	17 31	1 17	28 51	5 8	21 48	22 1	6 56		n.a.
S 20	14 36	11 53	2 33	22 48	1 9	0 32	0 26	14 12	1 17	6 3	0 55	17 18	2 18	23 49	0 30	17 32	1 17	28 51	5 8	21 49	22 1	6 53		n.a.
S 21	14 16	5 29	3 40	22 43	1 17	1 4	0 30	14 23	1 18	6 7	0 55	17 20	2 18	23 48	0 30	17 32	1 17	28 51	5 8	21 49	22 2	6 50		n.a.
M22	13 57	1s11	4 30	22 36	1 24	1 36	0 33	14 35	1 18	6 12	0 55	17 22	2 18	23 48	0 30	17 33	1 17	28 51	5 7	21 50	22 2	6 47		n.a.
T 23	13 37	7 40	5 2	22 29	1 31	2 7	0 37	14 47	1 18	6 16	0 55	17 23	2 18	23 48	0 30	17 33	1 17	28 51	5 7	21 51	22 3	6 44		n.a.
W24	13 17	13 35	5 13	22 19	1 38	2 39	0 41	14 58	1 18	6 20	0 54	17 25	2 18	23 48	0 30	17 34	1 17	28 50	5 7	21 51	22 3	6 41		n.a.
T 25	12 56	18 36	5 4	22 9	1 44	3 10	0 45	15 10	1 18	6 25	0 54	17 26	2 18	23 47	0 30	17 34	1 17	28 50	5 7	21 52	22 4	6 38		n.a.
F 26	12 36	22 28	4 38	21 56	1 50	3 42	0 49	15 21	1 19	6 29	0 54	17 28	2 18	23 47	0 30	17 35	1 17	28 50	5 7	21 52	22 4	6 35		n.a.
S 27	12 15	25 1	3 58	21 43	1 55	4 13	0 53	15 32	1 19	6 34	0 54	17 29	2 18	23 47	0 30	17 35	1 17	28 50	5 7	21 52	22 5	6 32		n.a.
S 28	11 55	26 11	3 7	21 27	1 59	4 44	0 56	15 44	1 19	6 38	0 54	17 31	2 18	23 47	0 30	17 36	1 17	28 50	5 7	21 52	22 5	6 29		n.a.
M29	11s34	25s57	2s 8	21s10	2s 4	5n15	1n 0	15n55	1n19	6n43	0s53	17n32	2n18	23s47	0s30	17n36	1n17	28n50	5n 7	21s52	22s 6	6s26		n.a.

Julian Day Number = 1347072.5, Delta T = 07h10m38s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'29, Lahiri = -18°06'29 Julian Calendar 1 Feb. 1025 BCE == Greg. Calendar 22 Jan. 1025 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

MARCH 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 56 51	1♓13'44	10♉52	7♒ 1	11♈56	9♉23	19♈ 8	18°R58	11♉53	15°R41	24°R58	22♉47	21♉18	5♓20	n.a.	T 1
W 2	10 0 47	2°12'32	22°57	8°30	13° 4	9°57	19°19	18♌54	11°56	15♌39	24♊57	22°R48	21°15	5°27	n.a.	W 2
T 3	10 4 44	3°11'19	4♒53	10° 0	14°13	10°31	19°31	18°49	11°58	15°38	24°57	22°47	21°12	5°33	n.a.	T 3
F 4	10 8 40	4°10'03	16°45	11°32	15°21	11° 5	19°42	18°45	12° 1	15°36	24°56	22°44	21° 8	5°40	n.a.	F 4
S 5	10 12 37	5° 8'45	28°34	13° 5	16°30	11°39	19°54	18°41	12° 3	15°35	24°56	22°40	21° 5	5°47	n.a.	S 5
S 6	10 16 33	6° 7'26	10♓24	14°40	17°38	12°13	20° 6	18°36	12° 5	15°33	24°56	22°33	21° 2	5°53	n.a.	S 6
M 7	10 20 30	7° 6'04	22°15	16°16	18°46	12°48	20°18	18°32	12° 8	15°31	24°55	22°25	20°59	6° 0	n.a.	M 7
T 8	10 24 26	8° 4'40	4♈ 9	17°55	19°54	13°22	20°30	18°28	12°10	15°30	24°55	22°16	20°56	6° 7	n.a.	T 8
W 9	10 28 23	9° 3'13	16° 9	19°34	21° 1	13°56	20°42	18°23	12°12	15°28	24°55	22° 7	20°53	6°14	n.a.	W 9
T 10	10 32 20	10° 1'45	28°16	21°16	22° 9	14°30	20°54	18°19	12°15	15°27	24°55	22° 0	20°49	6°20	n.a.	T 10
F 11	10 36 16	11° 0'14	10♉33	22°58	23°16	15° 5	21° 6	18°15	12°17	15°26	24°55	21°54	20°46	6°27	n.a.	F 11
S 12	10 40 13	11°58'42	23° 2	24°43	24°23	15°39	21°18	18°11	12°19	15°24	24°54	21°50	20°43	6°34	n.a.	S 12
S 13	10 44 9	12°57'07	5♊49	26°29	25°30	16°14	21°30	18° 7	12°21	15°23	24°54	21°48	20°40	6°40	n.a.	S 13
M14	10 48 6	13°55'29	18°55	28°17	26°37	16°48	21°43	18° 3	12°23	15°21	24°54	21°D48	20°37	6°47	n.a.	M14
T 15	10 52 2	14°53'50	2♋24	0♓ 6	27°44	17°23	21°55	17°59	12°25	15°20	24°54	21°49	20°33	6°54	n.a.	T 15
W16	10 55 59	15°52'08	16°19	1°57	28°50	17°57	22° 7	17°55	12°27	15°18	24°54	21°R49	20°30	7° 0	n.a.	W16
T 17	10 59 55	16°50'24	0♌39	3°50	29°56	18°32	22°20	17°52	12°29	15°17	24°D54	21°49	20°27	7° 7	n.a.	T 17
F 18	11 3 52	17°48'38	15°25	5°44	1♉ 2	19° 7	22°32	17°48	12°31	15°16	24°54	21°47	20°24	7°14	n.a.	F 18
S 19	11 7 48	18°46'49	0♍29	7°40	2° 8	19°41	22°45	17°44	12°33	15°14	24°54	21°43	20°21	7°20	n.a.	S 19
S 20	11 11 45	19°44'59	15°44	9°38	3°13	20°16	22°58	17°41	12°35	15°13	24°54	21°36	20°18	7°27	n.a.	S 20
M21	11 15 42	20°43'07	1♎ 0	11°37	4°19	20°51	23°10	17°37	12°36	15°12	24°54	21°28	20°14	7°34	n.a.	M21
T 22	11 19 38	21°41'13	16° 5	13°38	5°24	21°26	23°23	17°34	12°38	15°11	24°54	21°19	20°11	7°40	n.a.	T 22
W23	11 23 35	22°39'17	0♏51	15°40	6°29	22° 1	23°36	17°30	12°40	15° 9	24°54	21°10	20° 8	7°47	n.a.	W23
T 24	11 27 31	23°37'20	15°10	17°44	7°33	22°36	23°49	17°27	12°41	15° 8	24°55	21° 3	20° 5	7°54	n.a.	T 24
F 25	11 31 28	24°35'21	29° 0	19°49	8°37	23°11	24° 2	17°24	12°43	15° 7	24°55	20°58	20° 2	8° 1	n.a.	F 25
S 26	11 35 24	25°33'20	12♐19	21°55	9°41	23°46	24°15	17°21	12°45	15° 6	24°55	20°56	19°58	8° 7	n.a.	S 26
S 27	11 39 21	26°31'19	25°12	24° 2	10°45	24°21	24°28	17°17	12°46	15° 5	24°55	20°D55	19°55	8°14	n.a.	S 27
M28	11 43 17	27°29'16	7♑43	26°11	11°49	24°56	24°41	17°14	12°48	15° 3	24°56	20°55	19°52	8°21	n.a.	M28
T 29	11 47 14	28°27'11	19°55	28°20	12°52	25°31	24°54	17°11	12°49	15° 2	24°56	20°R55	19°49	8°27	n.a.	T 29
W30	11 51 11	29°25'05	1♒55	0♈29	13°55	26° 6	25° 7	17° 9	12°50	15° 1	24°56	20°55	19°46	8°34	n.a.	W30
T 31	11 55 7	0♈22'57	13♒47	2♈39	14♉58	26♉41	25♈20	17♌ 6	12♉52	15♌ 0	24♊57	20♉52	19♉43	8♓41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s12	24s26	1s 5	20s52	2s 7	5n46	1n 4	16n 6	1n19	6n47	0s53	17n33	2n18	23s46	0s30	17n37	1n17	28n50	5n 7	21s51	22s 6	6s23		n.a.
W 2	10 51	21 49	0n 1	20 31	2 11	6 17	1 8	16 17	1 20	6 52	0 53	17 35	2 18	23 46	0 30	17 37	1 17	28 50	5 7	21 51	22 7	6 19		n.a.
T 3	10 30	18 17	1 5	20 10	2 13	6 48	1 12	16 28	1 20	6 56	0 53	17 36	2 18	23 46	0 30	17 38	1 17	28 50	5 7	21 52	22 7	6 16		n.a.
F 4	10 8	14 4	2 6	19 46	2 16	7 18	1 16	16 39	1 20	7 1	0 53	17 38	2 18	23 46	0 30	17 38	1 17	28 50	5 7	21 52	22 8	6 13		n.a.
S 5	9 46	9 19	3 2	19 21	2 17	7 48	1 20	16 50	1 20	7 6	0 52	17 39	2 18	23 46	0 30	17 39	1 17	28 50	5 7	21 53	22 8	6 10		n.a.
S 6	9 24	4 16	3 49	18 54	2 19	8 19	1 24	17 1	1 20	7 10	0 52	17 41	2 18	23 45	0 30	17 39	1 17	28 50	5 7	21 54	22 9	6 7		n.a.
M 7	9 2	0n57	4 26	18 25	2 20	8 49	1 27	17 12	1 20	7 15	0 52	17 42	2 18	23 45	0 30	17 40	1 17	28 50	5 7	21 55	22 9	6 4		n.a.
T 8	8 40	6 8	4 52	17 55	2 20	9 18	1 31	17 22	1 20	7 20	0 52	17 43	2 18	23 45	0 30	17 40	1 17	28 50	5 7	21 57	22 10	6 1		n.a.
W 9	8 18	11 8	5 6	17 23	2 20	9 48	1 35	17 33	1 21	7 25	0 52	17 44	2 18	23 45	0 30	17 41	1 17	28 49	5 7	21 58	22 10	5 58		n.a.
T 10	7 56	15 46	5 6	16 49	2 19	10 17	1 39	17 44	1 21	7 29	0 51	17 46	2 18	23 45	0 30	17 41	1 17	28 49	5 7	21 59	22 11	5 55		n.a.
F 11	7 33	19 49	4 51	16 14	2 18	10 46	1 43	17 54	1 21	7 34	0 51	17 47	2 18	23 44	0 30	17 41	1 17	28 49	5 6	22 0	22 11	5 52		n.a.
S 12	7 11	23 4	4 23	15 37	2 16	11 15	1 47	18 4	1 21	7 39	0 51	17 48	2 18	23 44	0 30	17 42	1 17	28 49	5 6	22 1	22 12	5 49		n.a.
S 13	6 48	25 15	3 42	14 58	2 13	11 43	1 50	18 15	1 21	7 44	0 51	17 50	2 18	23 44	0 30	17 42	1 17	28 49	5 6	22 1	22 12	5 46		n.a.
M14	6 25	26 8	2 47	14 18	2 10	12 12	1 54	18 25	1 21	7 49	0 51	17 51	2 18	23 44	0 30	17 43	1 17	28 49	5 6	22 1	22 13	5 43		n.a.
T 15	6 2	25 30	1 43	13 35	2 7	12 39	1 58	18 35	1 21	7 53	0 51	17 52	2 18	23 44	0 30	17 43	1 17	28 49	5 6	22 1	22 13	5 40		n.a.
W16	5 39	23 18	0 30	12 51	2 3	13 7	2 1	18 45	1 21	7 58	0 50	17 53	2 18	23 44	0 30	17 43	1 17	28 49	5 6	22 1	22 14	5 37		n.a.
T 17	5 17	19 34	0s47	12 6	1 59	13 34	2 5	18 55	1 21	8 3	0 50	17 54	2 18	23 43	0 30	17 44	1 17	28 49	5 6	22 1	22 14	5 34		n.a.
F 18	4 53	14 31	2 3	11 18	1 54	14 1	2 9	19 5	1 21	8 8	0 50	17 55	2 18	23 43	0 30	17 44	1 17	28 49	5 6	22 1	22 15	5 31		n.a.
S 19	4 30	8 30	3 12	10 29	1 48	14 28	2 12	19 15	1 22	8 13	0 50	17 56	2 18	23 43	0 30	17 45	1 17	28 49	5 6	22 2	22 15	5 28		n.a.
S 20	4 7	1 55	4 7	9 39	1 42	14 54	2 16	19 24	1 22	8 18	0 50	17 57	2 18	23 43	0 30	17 45	1 17	28 49	5 6	22 3	22 15	5 24		n.a.
M21	3 44	4s45	4 45	8 47	1 35	15 20	2 19	19 34	1 22	8 23	0 50	17 58	2 18	23 43	0 30	17 45	1 17	28 49	5 6	22 5	22 16	5 21		n.a.
T 22	3 21	11 4	5 3	7 53	1 28	15 46	2 23	19 43	1 22	8 28	0 49	17 59	2 17	23 43	0 30	17 46	1 17	28 49	5 6	22 6	22 16	5 18		n.a.
W23	2 58	16 37	5 0	6 58	1 20	16 11	2 26	19 53	1 22	8 33	0 49	18 0	2 17	23 43	0 30	17 46	1 17	28 49	5 6	22 7	22 17	5 15		n.a.
T 24	2 34	21 4	4 38	6 2	1 12	16 36	2 29	20 2	1 22	8 38	0 49	18 1	2 17	23 42	0 30	17 46	1 17	28 49	5 6	22 8	22 17	5 12		n.a.
F 25	2 11	24 9	4 0	5 4	1 4	17 0	2 33	20 11	1 22	8 43	0 49	18 2	2 17	23 42	0 31	17 47	1 17	28 48	5 6	22 9	22 18	5 9		n.a.
S 26	1 48	25 47	3 11	4 5	0 55	17 24	2 36	20 20	1 22	8 47	0 49	18 3	2 17	23 42	0 31	17 47	1 17	28 48	5 6	22 10	22 18	5 6		n.a.
S 27	1 24	25 56	2 13	3 6	0 45	17 48	2 39	20 29	1 22	8 52	0 49	18 4	2 17	23 42	0 31	17 48	1 17	28 48	5 5	22 10	22 19	5 3		n.a.
M28	1 1	24 45	1 10	2 5	0 35	18 11	2 42	20 38	1 22	8 57	0 49	18 5	2 17	23 42	0 31	17 48	1 17	28 48	5 5	22 10	22 19	5 0		n.a.
T 29	0 37	22 24	0 5	1 4	0 25	18 34	2 45	20 46	1 22	9 2	0 48	18 6	2 17	23 42	0 31	17 48	1 17	28 48	5 5	22 10	22 20	4 57		n.a.
W30	0 14	19 6	0n58	0 2	0 15	18 56	2 48	20 55	1 22	9 7	0 48	18 7	2 17	23 42	0 31	17 48	1 17	28 48	5 5	22 10	22 20	4 54		n.a.
T 31	0n 9	15s 4	1n59	1n 0	0s 4	19n18	2n51	21n 3	1n22	9n12	0s48	18n 7	2n17	23s42	0s31	17n49	1n17	28n48	5n 5	22s10	22s21	4s51		n.a.

Julian Day Number = 1347101.5, Delta T = 07h10m36s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'25, Lahiri = -18°06'25 Julian Calendar 1 March 1025 BCE == Greg. Calendar 20 Feb. 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

APRIL 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 59 4	1♈20'48	25♒36	4♈49	16♉ 0	27♉17	25♈33	17°R 3	12♑53	14°R59	24♊57	20°R47	19♑39	8♓47	n.a.	F 1
S 2	12 3 0	2°18'37	7♓24	6°59	17° 2	27°52	25°47	17♌ 1	12°54	14♌58	24°57	20♑40	19°36	8°54	n.a.	S 2
S 3	12 6 57	3°16'25	19°15	9° 8	18° 4	28°27	26° 0	16°58	12°56	14°57	24°58	20°30	19°33	9° 1	n.a.	S 3
M 4	12 10 53	4°14'12	1♈11	11°17	19° 6	29° 3	26°13	16°56	12°57	14°56	24°58	20°17	19°30	9° 7	n.a.	M 4
T 5	12 14 50	5°11'57	13°12	13°24	20° 7	29°38	26°27	16°53	12°58	14°55	24°59	20° 4	19°27	9°14	n.a.	T 5
W 6	12 18 46	6° 9'40	25°21	15°31	21° 8	0♊13	26°40	16°51	12°59	14°54	24°59	19°51	19°24	9°21	n.a.	W 6
T 7	12 22 43	7° 7'22	7♉39	17°35	22° 8	0°49	26°54	16°49	13° 0	14°53	25° 0	19°39	19°20	9°28	n.a.	T 7
F 8	12 26 39	8° 5'02	20° 6	19°38	23° 8	1°24	27° 7	16°47	13° 1	14°53	25° 0	19°30	19°17	9°34	n.a.	F 8
S 9	12 30 36	9° 2'41	2♊44	21°38	24° 8	2° 0	27°21	16°45	13° 2	14°52	25° 1	19°23	19°14	9°41	n.a.	S 9
S 10	12 34 33	10° 0'18	15°35	23°37	25° 8	2°35	27°34	16°43	13° 3	14°51	25° 1	19°18	19°11	9°48	n.a.	S 10
M11	12 38 29	10°57'53	28°42	25°33	26° 7	3°11	27°48	16°41	13° 3	14°50	25° 2	19°16	19° 8	9°54	n.a.	M11
T 12	12 42 26	11°55'27	12♋ 8	27°26	27° 5	3°47	28° 1	16°39	13° 4	14°49	25° 3	19°16	19° 4	10° 1	n.a.	T 12
W13	12 46 22	12°52'59	25°54	29°16	28° 3	4°22	28°15	16°38	13° 5	14°49	25° 3	19°16	19° 1	10° 8	n.a.	W13
T 14	12 50 19	13°50'30	10♌ 2	1♉ 4	29° 1	4°58	28°28	16°36	13° 6	14°48	25° 4	19°15	18°58	10°14	n.a.	T 14
F 15	12 54 15	14°47'59	24°31	2°49	29°58	5°34	28°42	16°35	13° 6	14°47	25° 5	19°12	18°55	10°21	n.a.	F 15
S 16	12 58 12	15°45'26	9♍19	4°31	0♊55	6°10	28°56	16°34	13° 7	14°47	25° 6	19° 7	18°52	10°28	n.a.	S 16
S 17	13 2 8	16°42'52	24°20	6°10	1°51	6°45	29° 9	16°32	13° 7	14°46	25° 6	18°58	18°49	10°34	n.a.	S 17
M18	13 6 5	17°40'17	9♎24	7°45	2°47	7°21	29°23	16°31	13° 8	14°46	25° 7	18°48	18°45	10°41	n.a.	M18
T 19	13 10 2	18°37'40	24°23	9°18	3°42	7°57	29°37	16°30	13° 8	14°45	25° 8	18°37	18°42	10°48	n.a.	T 19
W20	13 13 58	19°35'02	9♏ 6	10°48	4°37	8°33	29°50	16°29	13° 9	14°45	25° 9	18°26	18°39	10°55	n.a.	W20
T 21	13 17 55	20°32'24	23°26	12°14	5°31	9° 9	0♉ 4	16°29	13° 9	14°44	25°10	18°17	18°36	11° 1	n.a.	T 21
F 22	13 21 51	21°29'44	7♐19	13°37	6°25	9°45	0°18	16°28	13° 9	14°44	25°11	18°10	18°33	11° 8	n.a.	F 22
S 23	13 25 48	22°27'04	20°43	14°56	7°18	10°21	0°32	16°27	13° 9	14°43	25°11	18° 6	18°29	11°15	n.a.	S 23
S 24	13 29 44	23°24'23	3♑40	16°13	8°11	10°57	0°45	16°27	13°10	14°43	25°12	18° 4	18°26	11°21	n.a.	S 24
M25	13 33 41	24°21'42	16°13	17°26	9° 2	11°33	0°59	16°26	13°10	14°42	25°13	18°D 4	18°23	11°28	n.a.	M25
T 26	13 37 38	25°18'59	28°28	18°36	9°54	12° 9	1°13	16°26	13°10	14°42	25°14	18°R 4	18°20	11°35	n.a.	T 26
W27	13 41 34	26°16'16	10♒28	19°42	10°44	12°45	1°27	16°26	13°R10	14°42	25°15	18° 3	18°17	11°41	n.a.	W27
T 28	13 45 31	27°13'32	22°21	20°44	11°34	13°21	1°40	16°26	13°10	14°42	25°16	18° 1	18°14	11°48	n.a.	T 28
F 29	13 49 27	28°10'48	4♓10	21°43	12°23	13°57	1°54	16°D26	13°10	14°41	25°17	17°56	18°10	11°55	n.a.	F 29
S 30	13 53 24	29♈ 8'03	16♓ 0	22♉39	13♊11	14♊33	2♉ 8	16♌26	13♑10	14♌41	25♊18	17♑49	18♑ 7	12♓ 1	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n33	10s28	2n53	2n 2	0n 6	19n39	2n54	21n12	1n22	9n17	0s48	18n 8	2n16	23s42	0s31	17n49	1n17	28n48	5n 5	22s11	22s21	4s48		n.a.
S 2	0 56	5 31	3 40	3 4	0 17	20 0	2 56	21 20	1 22	9 22	0 48	18 9	2 16	23 41	0 31	17 49	1 17	28 48	5 5	22 12	22 22	4 45		n.a.
S 3	1 19	0 22	4 18	4 6	0 28	20 20	2 59	21 28	1 22	9 28	0 48	18 9	2 16	23 41	0 31	17 50	1 17	28 48	5 5	22 14	22 22	4 42		n.a.
M 4	1 43	4n49	4 44	5 7	0 38	20 40	3 1	21 36	1 22	9 33	0 48	18 10	2 16	23 41	0 31	17 50	1 17	28 48	5 5	22 15	22 23	4 39		n.a.
T 5	2 6	9 52	4 59	6 7	0 49	21 0	3 4	21 44	1 22	9 38	0 47	18 11	2 16	23 41	0 31	17 50	1 17	28 48	5 5	22 17	22 23	4 36		n.a.
W 6	2 29	14 35	4 59	7 6	0 59	21 19	3 6	21 52	1 22	9 43	0 47	18 11	2 16	23 41	0 31	17 50	1 17	28 48	5 5	22 19	22 23	4 33		n.a.
T 7	2 52	18 47	4 46	8 4	1 9	21 37	3 8	21 59	1 22	9 48	0 47	18 12	2 16	23 41	0 31	17 51	1 17	28 48	5 5	22 21	22 24	4 29		n.a.
F 8	3 15	22 12	4 19	9 0	1 18	21 55	3 11	22 7	1 22	9 53	0 47	18 12	2 16	23 41	0 31	17 51	1 17	28 48	5 5	22 23	22 24	4 26		n.a.
S 9	3 38	24 37	3 40	9 55	1 27	22 13	3 13	22 14	1 22	9 58	0 47	18 13	2 15	23 41	0 31	17 51	1 17	28 48	5 5	22 24	22 25	4 23		n.a.
S 10	4 1	25 48	2 48	10 47	1 36	22 29	3 14	22 21	1 22	10 3	0 47	18 13	2 15	23 41	0 31	17 51	1 17	28 48	5 5	22 24	22 25	4 20		n.a.
M11	4 24	25 35	1 47	11 38	1 44	22 46	3 16	22 28	1 22	10 8	0 47	18 14	2 15	23 41	0 31	17 51	1 17	28 48	5 4	22 24	22 26	4 17		n.a.
T 12	4 47	23 53	0 38	12 27	1 51	23 1	3 18	22 35	1 22	10 13	0 47	18 14	2 15	23 41	0 31	17 52	1 16	28 48	5 4	22 25	22 26	4 14		n.a.
W13	5 10	20 44	0s35	13 13	1 58	23 17	3 20	22 42	1 22	10 18	0 46	18 14	2 15	23 41	0 31	17 52	1 16	28 48	5 4	22 25	22 27	4 11		n.a.
T 14	5 33	16 17	1 47	13 58	2 4	23 31	3 21	22 49	1 22	10 23	0 46	18 15	2 15	23 41	0 31	17 52	1 16	28 48	5 4	22 25	22 27	4 8		n.a.
F 15	5 55	10 49	2 55	14 40	2 10	23 45	3 22	22 55	1 22	10 28	0 46	18 15	2 15	23 41	0 31	17 52	1 16	28 48	5 4	22 25	22 28	4 5		n.a.
S 16	6 18	4 38	3 52	15 20	2 14	23 59	3 24	23 2	1 22	10 33	0 46	18 15	2 14	23 41	0 31	17 52	1 16	28 48	5 4	22 26	22 28	4 2		n.a.
S 17	6 40	1s53	4 33	15 57	2 18	24 12	3 25	23 8	1 22	10 38	0 46	18 15	2 14	23 41	0 31	17 53	1 16	28 47	5 4	22 27	22 28	3 59		n.a.
M18	7 2	8 19	4 56	16 33	2 22	24 24	3 26	23 14	1 22	10 43	0 46	18 16	2 14	23 41	0 31	17 53	1 16	28 47	5 4	22 29	22 29	3 56		n.a.
T 19	7 25	14 13	4 59	17 5	2 24	24 36	3 26	23 20	1 22	10 48	0 46	18 16	2 14	23 41	0 31	17 53	1 16	28 47	5 4	22 30	22 29	3 53		n.a.
W20	7 47	19 11	4 41	17 36	2 26	24 47	3 27	23 26	1 22	10 53	0 46	18 16	2 14	23 41	0 31	17 53	1 16	28 47	5 4	22 32	22 30	3 50		n.a.
T 21	8 9	22 54	4 6	18 4	2 27	24 58	3 28	23 31	1 22	10 58	0 45	18 16	2 14	23 41	0 31	17 53	1 16	28 47	5 4	22 33	22 30	3 47		n.a.
F 22	8 31	25 7	3 18	18 30	2 27	25 8	3 28	23 37	1 22	11 3	0 45	18 16	2 13	23 41	0 31	17 53	1 16	28 47	5 4	22 34	22 31	3 44		n.a.
S 23	8 52	25 48	2 19	18 54	2 26	25 17	3 28	23 42	1 22	11 8	0 45	18 16	2 13	23 41	0 31	17 53	1 16	28 47	5 4	22 34	22 31	3 41		n.a.
S 24	9 14	25 1	1 15	19 15	2 25	25 26	3 28	23 47	1 22	11 13	0 45	18 16	2 13	23 41	0 31	17 53	1 16	28 47	5 4	22 35	22 32	3 38		n.a.
M25	9 35	22 59	0 10	19 34	2 22	25 35	3 28	23 53	1 22	11 18	0 45	18 16	2 13	23 41	0 32	17 53	1 16	28 47	5 4	22 35	22 32	3 34		n.a.
T 26	9 57	19 54	0n55	19 51	2 19	25 42	3 28	23 57	1 22	11 23	0 45	18 16	2 13	23 41	0 32	17 53	1 16	28 47	5 4	22 35	22 32	3 31		n.a.
W27	10 18	16 2	1 56	20 6	2 15	25 49	3 27	24 2	1 22	11 28	0 45	18 16	2 13	23 41	0 32	17 54	1 16	28 47	5 4	22 35	22 33	3 28		n.a.
T 28	10 39	11 36	2 51	20 19	2 10	25 56	3 26	24 7	1 22	11 33	0 45	18 16	2 12	23 41	0 32	17 54	1 16	28 47	5 4	22 35	22 33	3 25		n.a.
F 29	11 0	6 45	3 38	20 29	2 5	26 2	3 25	24 11	1 22	11 38	0 45	18 16	2 12	23 41	0 32	17 54	1 16	28 47	5 4	22 36	22 34	3 22		n.a.
S 30	11n20	1s41	4n16	20n38	1n58	26n 7	3n24	24n16	1n22	11n42	0s45	18n16	2n12	23s41	0s32	17n54	1n16	28n47	5n 4	22s37	22s34	3s19		n.a.

Julian Day Number = 1347132.5, Delta T = 07h10m35s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'21, Lahiri = -18°06'20 Julian Calendar 1 Apr. 1025 BCE == Greg. Calendar 22 March 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

MAY 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 57 20	0♉ 5'17	27♓55	23♉30	13♊59	15♊ 9	2♉22	16♌26	13°R10	14°R41	25♊20	17°R39	18♑ 4	12♓ 8	n.a.	S 1
M 2	14 1 17	1° 2'31	9♈56	24°18	14°46	15°46	2°36	16°26	13♑ 9	14♌41	25°21	17♑28	18° 1	12°15	n.a.	M 2
T 3	14 5 13	1°59'44	22° 7	25° 2	15°32	16°22	2°50	16°26	13° 9	14°41	25°22	17°15	17°58	12°22	n.a.	T 3
W 4	14 9 10	2°56'56	4♉29	25°42	16°17	16°58	3° 3	16°27	13° 9	14°41	25°23	17° 2	17°55	12°28	n.a.	W 4
T 5	14 13 7	3°54'08	17° 1	26°17	17° 1	17°34	3°17	16°27	13° 8	14°41	25°24	16°50	17°51	12°35	n.a.	T 5
F 6	14 17 3	4°51'20	29°44	26°49	17°44	18°11	3°31	16°28	13° 8	14°D41	25°25	16°41	17°48	12°42	n.a.	F 6
S 7	14 21 0	5°48'30	12♊38	27°16	18°27	18°47	3°45	16°29	13° 8	14°41	25°26	16°34	17°45	12°48	n.a.	S 7
S 8	14 24 56	6°45'40	25°43	27°39	19° 8	19°24	3°59	16°30	13° 7	14°41	25°28	16°30	17°42	12°55	n.a.	S 8
M 9	14 28 53	7°42'49	9♋ 1	27°57	19°48	20° 0	4°12	16°31	13° 7	14°41	25°29	16°28	17°39	13° 2	n.a.	M 9
T 10	14 32 49	8°39'58	22°33	28°11	20°28	20°37	4°26	16°32	13° 6	14°41	25°30	16°D28	17°35	13° 8	n.a.	T 10
W11	14 36 46	9°37'05	6♌19	28°20	21° 6	21°13	4°40	16°33	13° 5	14°41	25°32	16°R29	17°32	13°15	n.a.	W11
T 12	14 40 42	10°34'12	20°21	28°25	21°42	21°50	4°54	16°34	13° 5	14°41	25°33	16°28	17°29	13°22	n.a.	T 12
F 13	14 44 39	11°31'18	4♍37	28°R25	22°18	22°26	5° 7	16°36	13° 4	14°42	25°34	16°26	17°26	13°29	n.a.	F 13
S 14	14 48 36	12°28'23	19° 7	28°20	22°52	23° 3	5°21	16°37	13° 3	14°42	25°35	16°22	17°23	13°35	n.a.	S 14
S 15	14 52 32	13°25'28	3♎45	28°12	23°26	23°39	5°35	16°39	13° 2	14°42	25°37	16°16	17°20	13°42	n.a.	S 15
M16	14 56 29	14°22'32	18°27	27°58	23°57	24°16	5°49	16°40	13° 2	14°42	25°38	16° 7	17°16	13°49	n.a.	M16
T 17	15 0 25	15°19'36	3♏ 5	27°41	24°27	24°53	6° 2	16°42	13° 1	14°43	25°40	15°58	17°13	13°55	n.a.	T 17
W18	15 4 22	16°16'40	17°31	27°20	24°56	25°29	6°16	16°44	13° 0	14°43	25°41	15°49	17°10	14° 2	n.a.	W18
T 19	15 8 18	17°13'44	1♐39	26°56	25°24	26° 6	6°30	16°46	12°59	14°44	25°42	15°42	17° 7	14° 9	n.a.	T 19
F 20	15 12 15	18°10'47	15°24	26°28	25°49	26°43	6°43	16°48	12°58	14°44	25°44	15°36	17° 4	14°15	n.a.	F 20
S 21	15 16 11	19° 7'51	28°45	25°58	26°13	27°19	6°57	16°50	12°57	14°44	25°45	15°32	17° 1	14°22	n.a.	S 21
S 22	15 20 8	20° 4'54	11♑42	25°25	26°36	27°56	7°11	16°52	12°55	14°45	25°47	15°D31	16°57	14°29	n.a.	S 22
M23	15 24 5	21° 1'58	24°16	24°51	26°56	28°33	7°24	16°55	12°54	14°46	25°48	15°31	16°54	14°36	n.a.	M23
T 24	15 28 1	21°59'02	6♒33	24°15	27°15	29°10	7°38	16°57	12°53	14°46	25°50	15°32	16°51	14°42	n.a.	T 24
W25	15 31 58	22°56'06	18°36	23°39	27°32	29°47	7°51	17° 0	12°52	14°47	25°51	15°R33	16°48	14°49	n.a.	W25
T 26	15 35 54	23°53'11	0♓30	23° 3	27°47	0♋24	8° 5	17° 2	12°51	14°47	25°53	15°33	16°45	14°56	n.a.	T 26
F 27	15 39 51	24°50'16	12°22	22°27	28° 0	1° 1	8°18	17° 5	12°49	14°48	25°54	15°31	16°41	15° 2	n.a.	F 27
S 28	15 43 47	25°47'21	24°14	21°53	28°11	1°38	8°32	17° 8	12°48	14°49	25°56	15°28	16°38	15° 9	n.a.	S 28
S 29	15 47 44	26°44'26	6♈13	21°20	28°20	2°15	8°45	17°10	12°47	14°49	25°57	15°22	16°35	15°16	n.a.	S 29
M30	15 51 41	27°41'32	18°20	20°51	28°27	2°52	8°59	17°13	12°45	14°50	25°59	15°15	16°32	15°22	n.a.	M30
T 31	15 55 37	28♉38'39	0♉40	20♉24	28♊31	3♋29	9♉12	17♌16	12♑44	14♌51	26♊ 0	15♑ 7	16♑29	15♓29	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n41	3n29	4n43	20n44	1n51	26n12	3n23	24n20	1n22	11n47	0s44	18n15	2n12	23s41	0s32	17n54	1n16	28n47	5n 3	22s38	22s35	3s16			n.a.
M 2	12 1	8 33	4 58	20 49	1 43	26 16	3 22	24 24	1 21	11 52	0 44	18 15	2 12	23 41	0 32	17 54	1 16	28 47	5 3	22 39	22 35	3 13			n.a.
T 3	12 21	13 22	5 0	20 51	1 34	26 20	3 20	24 27	1 21	11 57	0 44	18 15	2 12	23 41	0 32	17 54	1 16	28 47	5 3	22 41	22 35	3 10			n.a.
W 4	12 41	17 42	4 47	20 51	1 25	26 23	3 18	24 31	1 21	12 2	0 44	18 14	2 11	23 41	0 32	17 54	1 16	28 47	5 3	22 43	22 36	3 7			n.a.
T 5	13 1	21 20	4 21	20 50	1 14	26 25	3 16	24 35	1 21	12 7	0 44	18 14	2 11	23 41	0 32	17 54	1 16	28 47	5 3	22 44	22 36	3 4			n.a.
F 6	13 21	24 0	3 41	20 47	1 3	26 27	3 14	24 38	1 21	12 12	0 44	18 14	2 11	23 41	0 32	17 54	1 16	28 47	5 3	22 45	22 37	3 1			n.a.
S 7	13 40	25 28	2 49	20 41	0 51	26 29	3 11	24 41	1 21	12 17	0 44	18 13	2 11	23 41	0 32	17 54	1 16	28 47	5 3	22 46	22 37	2 58			n.a.
S 8	13 59	25 33	1 48	20 34	0 39	26 29	3 8	24 44	1 21	12 21	0 44	18 13	2 11	23 41	0 32	17 54	1 16	28 47	5 3	22 47	22 38	2 55			n.a.
M 9	14 18	24 10	0 40	20 25	0 25	26 30	3 5	24 47	1 21	12 26	0 44	18 12	2 11	23 41	0 32	17 53	1 16	28 47	5 3	22 47	22 38	2 52			n.a.
T 10	14 37	21 22	0s32	20 15	0 11	26 29	3 2	24 49	1 21	12 31	0 44	18 12	2 10	23 42	0 32	17 53	1 16	28 47	5 3	22 47	22 38	2 49			n.a.
W11	14 55	17 19	1 44	20 3	0s 3	26 28	2 58	24 52	1 21	12 36	0 44	18 11	2 10	23 42	0 32	17 53	1 16	28 47	5 3	22 47	22 39	2 46			n.a.
T 12	15 14	12 15	2 50	19 49	0 18	26 27	2 54	24 54	1 21	12 41	0 44	18 11	2 10	23 42	0 32	17 53	1 16	28 47	5 3	22 47	22 39	2 43			n.a.
F 13	15 32	6 27	3 47	19 34	0 34	26 25	2 50	24 56	1 21	12 45	0 43	18 10	2 10	23 42	0 32	17 53	1 16	28 47	5 3	22 47	22 40	2 40			n.a.
S 14	15 49	0 14	4 30	19 18	0 50	26 23	2 45	24 58	1 20	12 50	0 43	18 10	2 10	23 42	0 32	17 53	1 16	28 48	5 3	22 48	22 40	2 37			n.a.
S 15	16 7	6s 2	4 57	19 0	1 6	26 20	2 41	25 0	1 20	12 55	0 43	18 9	2 10	23 42	0 32	17 53	1 15	28 48	5 3	22 49	22 41	2 33			n.a.
M16	16 24	12 0	5 3	18 41	1 23	26 16	2 36	25 2	1 20	12 59	0 43	18 8	2 9	23 42	0 32	17 53	1 15	28 48	5 3	22 50	22 41	2 30			n.a.
T 17	16 41	17 16	4 50	18 21	1 39	26 12	2 30	25 3	1 20	13 4	0 43	18 8	2 9	23 42	0 32	17 53	1 15	28 48	5 3	22 51	22 41	2 27			n.a.
W18	16 58	21 27	4 19	18 0	1 55	26 8	2 25	25 4	1 20	13 9	0 43	18 7	2 9	23 42	0 32	17 53	1 15	28 48	5 3	22 52	22 42	2 24			n.a.
T 19	17 15	24 17	3 32	17 39	2 12	26 3	2 19	25 5	1 20	13 13	0 43	18 6	2 9	23 43	0 32	17 52	1 15	28 48	5 3	22 53	22 42	2 21			n.a.
F 20	17 31	25 33	2 34	17 17	2 27	25 57	2 12	25 6	1 20	13 18	0 43	18 5	2 9	23 43	0 32	17 52	1 15	28 48	5 3	22 53	22 43	2 18			n.a.
S 21	17 47	25 17	1 29	16 55	2 43	25 51	2 6	25 7	1 20	13 23	0 43	18 5	2 9	23 43	0 32	17 52	1 15	28 48	5 3	22 54	22 43	2 15			n.a.
S 22	18 3	23 38	0 21	16 33	2 57	25 45	1 59	25 8	1 19	13 27	0 43	18 4	2 8	23 43	0 32	17 52	1 15	28 48	5 3	22 54	22 43	2 12			n.a.
M23	18 18	20 50	0n47	16 11	3 11	25 38	1 51	25 8	1 19	13 32	0 43	18 3	2 8	23 43	0 32	17 52	1 15	28 48	5 3	22 54	22 44	2 9			n.a.
T 24	18 33	17 9	1 51	15 50	3 24	25 31	1 43	25 8	1 19	13 36	0 43	18 2	2 8	23 43	0 32	17 51	1 15	28 48	5 3	22 54	22 44	2 6			n.a.
W25	18 48	12 50	2 48	15 30	3 36	25 23	1 35	25 8	1 19	13 41	0 43	18 1	2 8	23 43	0 32	17 51	1 15	28 48	5 3	22 54	22 45	2 3			n.a.
T 26	19 2	8 5	3 38	15 10	3 47	25 15	1 27	25 8	1 19	13 45	0 43	18 0	2 8	23 44	0 32	17 51	1 15	28 48	5 3	22 54	22 45	2 0			n.a.
F 27	19 17	3 4	4 18	14 52	3 56	25 6	1 18	25 8	1 19	13 50	0 42	17 59	2 8	23 44	0 33	17 51	1 15	28 48	5 3	22 54	22 45	1 57			n.a.
S 28	19 31	2n 3	4 47	14 36	4 4	24 57	1 9	25 7	1 19	13 54	0 42	17 58	2 7	23 44	0 33	17 51	1 15	28 48	5 3	22 54	22 46	1 54			n.a.
S 29	19 44	7 8	5 3	14 21	4 10	24 48	0 59	25 6	1 19	13 58	0 42	17 57	2 7	23 44	0 33	17 50	1 15	28 48	5 3	22 55	22 46	1 51			n.a.
M30	19 57	12 1	5 7	14 9	4 15	24 38	0 49	25 6	1 18	14 3	0 42	17 56	2 7	23 44	0 33	17 50	1 15	28 48	5 3	22 56	22 47	1 48			n.a.
T 31	20n10	16n30	4n56	13n58	4s19	24n27	0n39	25n 4	1n18	14n 7	0s42	17n55	2n 7	23s44	0s33	17n50	1n15	28n48	5n 3	22s57	22s47	1s45			n.a.

Julian Day Number = 1347162.5, Delta T = 07h10m33s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'17, Lahiri = -18°06'16 Julian Calendar 1 May 1025 BCE == Greg. Calendar 21 Apr. 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

JUNE 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 59 34	29♉35'45	13♉13	20°R 0	28♊33	4♋ 6	9♉25	17♌20	12°R42	14♌52	26♊ 2	14°R58	16♑26	15♓36	n.a.	W 1
T 2	16 3 30	0♊32'53	26° 1	19♉41	28°R34	4°43	9°39	17°23	12♑41	14°53	26° 4	14♑51	16°22	15°43	n.a.	T 2
F 3	16 7 27	1°30'00	9♊ 3	19°25	28°31	5°20	9°52	17°26	12°39	14°54	26° 5	14°45	16°19	15°49	n.a.	F 3
S 4	16 11 23	2°27'08	22°18	19°14	28°27	5°57	10° 5	17°30	12°37	14°54	26° 7	14°41	16°16	15°56	n.a.	S 4
S 5	16 15 20	3°24'17	5♋46	19° 9	28°20	6°35	10°18	17°33	12°36	14°55	26° 8	14°39	16°13	16° 3	n.a.	S 5
M 6	16 19 16	4°21'25	19°24	19°D 8	28°10	7°12	10°32	17°37	12°34	14°56	26°10	14°D39	16°10	16° 9	n.a.	M 6
T 7	16 23 13	5°18'34	3♌13	19°12	27°59	7°49	10°45	17°40	12°32	14°57	26°12	14°40	16° 7	16°16	n.a.	T 7
W 8	16 27 10	6°15'43	17°10	19°22	27°45	8°26	10°58	17°44	12°30	14°58	26°13	14°41	16° 3	16°23	n.a.	W 8
T 9	16 31 6	7°12'52	1♍15	19°37	27°28	9° 4	11°11	17°48	12°29	14°59	26°15	14°R42	16° 0	16°30	n.a.	T 9
F 10	16 35 3	8°10'01	15°27	19°58	27°10	9°41	11°24	17°52	12°27	15° 1	26°17	14°42	15°57	16°36	n.a.	F 10
S 11	16 38 59	9° 7'11	29°43	20°24	26°49	10°19	11°37	17°56	12°25	15° 2	26°18	14°41	15°54	16°43	n.a.	S 11
S 12	16 42 56	10° 4'21	14♎ 1	20°56	26°25	10°56	11°50	18° 0	12°23	15° 3	26°20	14°37	15°51	16°50	n.a.	S 12
M13	16 46 52	11° 1'31	28°18	21°33	26° 0	11°33	12° 3	18° 4	12°21	15° 4	26°22	14°33	15°47	16°56	n.a.	M13
T 14	16 50 49	11°58'42	12♏28	22°16	25°33	12°11	12°15	18° 8	12°19	15° 5	26°23	14°29	15°44	17° 3	n.a.	T 14
W15	16 54 46	12°55'54	26°28	23° 4	25° 4	12°48	12°28	18°12	12°17	15° 6	26°25	14°24	15°41	17°10	n.a.	W15
T 16	16 58 42	13°53'06	10♐14	23°57	24°33	13°26	12°41	18°17	12°15	15° 8	26°27	14°20	15°38	17°17	n.a.	T 16
F 17	17 2 39	14°50'19	23°42	24°56	24° 1	14° 4	12°54	18°21	12°13	15° 9	26°29	14°17	15°35	17°23	n.a.	F 17
S 18	17 6 35	15°47'33	6♑50	26° 0	23°27	14°41	13° 6	18°26	12°11	15°10	26°30	14°16	15°32	17°30	n.a.	S 18
S 19	17 10 32	16°44'48	19°40	27° 9	22°52	15°19	13°19	18°30	12° 9	15°12	26°32	14°D16	15°28	17°37	n.a.	S 19
M20	17 14 28	17°42'04	2♒11	28°23	22°16	15°56	13°31	18°35	12° 7	15°13	26°34	14°16	15°25	17°43	n.a.	M20
T 21	17 18 25	18°39'20	14°27	29°42	21°40	16°34	13°44	18°40	12° 5	15°14	26°35	14°18	15°22	17°50	n.a.	T 21
W22	17 22 21	19°36'39	26°30	1♊ 6	21° 3	17°12	13°56	18°44	12° 3	15°16	26°37	14°20	15°19	17°57	n.a.	W22
T 23	17 26 18	20°33'58	8♓26	2°35	20°26	17°50	14° 8	18°49	12° 1	15°17	26°39	14°21	15°16	18° 3	n.a.	T 23
F 24	17 30 15	21°31'18	20°19	4° 8	19°49	18°27	14°21	18°54	11°58	15°19	26°41	14°R22	15°13	18°10	n.a.	F 24
S 25	17 34 11	22°28'40	2♈12	5°45	19°12	19° 5	14°33	18°59	11°56	15°20	26°42	14°21	15° 9	18°17	n.a.	S 25
S 26	17 38 8	23°26'03	14°13	7°26	18°35	19°43	14°45	19° 4	11°54	15°22	26°44	14°20	15° 6	18°24	n.a.	S 26
M27	17 42 4	24°23'28	26°23	9°10	18° 0	20°21	14°57	19° 9	11°52	15°23	26°46	14°18	15° 3	18°30	n.a.	M27
T 28	17 46 1	25°20'53	8♉48	10°58	17°25	20°59	15° 9	19°14	11°50	15°25	26°48	14°15	15° 0	18°37	n.a.	T 28
W29	17 49 57	26°18'21	21°29	12°49	16°51	21°37	15°21	19°20	11°47	15°26	26°49	14°12	14°57	18°44	n.a.	W29
T 30	17 53 54	27♊15'49	4♊29	14♊43	16♊19	22♋15	15♉33	19♌25	11♑45	15♌28	26♊51	14♑10	14♑53	18♓50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n23	20n21	4n31	13n50	4s21	24n17	0n28	25n 3	1n18	14n12	0s42	17n54	2n 7	23s45	0s33	17n49	1n15	28n48	5n 3	22s58	22s47	1s42		n.a.
T 2	20 35	23 19	3 52	13 44	4 22	24 5	0 17	25 2	1 18	14 16	0 42	17 53	2 7	23 45	0 33	17 49	1 15	28 48	5 3	22 59	22 48	1 39		n.a.
F 3	20 47	25 8	3 0	13 41	4 21	23 54	0 5	25 0	1 18	14 20	0 42	17 51	2 6	23 45	0 33	17 49	1 15	28 48	5 3	22 59	22 48	1 36		n.a.
S 4	20 59	25 33	1 58	13 40	4 19	23 42	0s 7	24 58	1 18	14 25	0 42	17 50	2 6	23 45	0 33	17 49	1 15	28 48	5 3	23 0	22 49	1 33		n.a.
S 5	21 10	24 29	0 48	13 42	4 15	23 30	0 19	24 56	1 17	14 29	0 42	17 49	2 6	23 45	0 33	17 48	1 15	28 49	5 3	23 0	22 49	1 30		n.a.
M 6	21 21	21 58	0s26	13 46	4 10	23 17	0 31	24 54	1 17	14 33	0 42	17 48	2 6	23 45	0 33	17 48	1 15	28 49	5 3	23 0	22 49	1 27		n.a.
T 7	21 32	18 8	1 39	13 53	4 4	23 4	0 44	24 52	1 17	14 37	0 42	17 46	2 6	23 46	0 33	17 48	1 15	28 49	5 3	23 0	22 50	1 24		n.a.
W 8	21 42	13 17	2 47	14 2	3 57	22 50	0 57	24 49	1 17	14 41	0 42	17 45	2 6	23 46	0 33	17 47	1 15	28 49	5 3	23 0	22 50	1 21		n.a.
T 9	21 51	7 41	3 46	14 14	3 49	22 37	1 11	24 47	1 17	14 46	0 42	17 44	2 6	23 46	0 33	17 47	1 15	28 49	5 3	23 0	22 50	1 18		n.a.
F 10	22 1	1 39	4 32	14 28	3 40	22 23	1 25	24 44	1 17	14 50	0 42	17 42	2 5	23 46	0 33	17 47	1 15	28 49	5 3	23 0	22 51	1 15		n.a.
S 11	22 10	4s28	5 1	14 45	3 31	22 8	1 38	24 41	1 16	14 54	0 42	17 41	2 5	23 46	0 33	17 46	1 15	28 49	5 3	23 0	22 51	1 12		n.a.
S 12	22 19	10 23	5 11	15 3	3 20	21 54	1 52	24 38	1 16	14 58	0 42	17 40	2 5	23 47	0 33	17 46	1 15	28 49	5 3	23 0	22 52	1 9		n.a.
M13	22 27	15 44	5 2	15 24	3 9	21 39	2 7	24 34	1 16	15 2	0 42	17 38	2 5	23 47	0 33	17 46	1 15	28 49	5 3	23 1	22 52	1 5		n.a.
T 14	22 35	20 11	4 35	15 46	2 57	21 24	2 21	24 30	1 16	15 6	0 42	17 37	2 5	23 47	0 33	17 45	1 15	28 49	5 3	23 1	22 52	1 2		n.a.
W15	22 42	23 25	3 52	16 10	2 45	21 9	2 35	24 27	1 16	15 10	0 42	17 35	2 5	23 47	0 33	17 45	1 15	28 49	5 3	23 2	22 53	0 59		n.a.
T 16	22 50	25 14	2 55	16 36	2 32	20 53	2 49	24 23	1 15	15 14	0 42	17 34	2 5	23 47	0 33	17 44	1 15	28 49	5 3	23 2	22 53	0 56		n.a.
F 17	22 56	25 30	1 50	17 3	2 19	20 38	3 3	24 19	1 15	15 18	0 41	17 32	2 4	23 48	0 33	17 44	1 15	28 50	5 3	23 2	22 54	0 53		n.a.
S 18	23 3	24 19	0 41	17 32	2 6	20 22	3 17	24 14	1 15	15 22	0 41	17 31	2 4	23 48	0 33	17 44	1 14	28 50	5 3	23 2	22 54	0 50		n.a.
S 19	23 9	21 52	0n30	18 1	1 52	20 7	3 31	24 10	1 15	15 26	0 41	17 29	2 4	23 48	0 33	17 43	1 14	28 50	5 4	23 2	22 54	0 47		n.a.
M20	23 14	18 25	1 37	18 31	1 38	19 51	3 44	24 5	1 15	15 29	0 41	17 27	2 4	23 48	0 33	17 43	1 14	28 50	5 4	23 2	22 55	0 44		n.a.
T 21	23 19	14 14	2 38	19 2	1 25	19 36	3 58	24 0	1 14	15 33	0 41	17 26	2 4	23 48	0 33	17 42	1 14	28 50	5 4	23 2	22 55	0 41		n.a.
W22	23 24	9 34	3 32	19 33	1 11	19 21	4 10	23 55	1 14	15 37	0 41	17 24	2 4	23 49	0 33	17 42	1 14	28 50	5 4	23 2	22 55	0 38		n.a.
T 23	23 29	4 36	4 15	20 4	0 57	19 6	4 23	23 50	1 14	15 41	0 41	17 23	2 4	23 49	0 33	17 41	1 14	28 50	5 4	23 2	22 56	0 35		n.a.
F 24	23 32	0n30	4 48	20 36	0 44	18 51	4 35	23 45	1 14	15 44	0 41	17 21	2 4	23 49	0 33	17 41	1 14	28 50	5 4	23 2	22 56	0 32		n.a.
S 25	23 36	5 35	5 8	21 6	0 30	18 37	4 46	23 39	1 14	15 48	0 41	17 19	2 3	23 49	0 33	17 40	1 14	28 50	5 4	23 2	22 56	0 29		n.a.
S 26	23 39	10 30	5 15	21 37	0 17	18 23	4 57	23 33	1 13	15 52	0 41	17 17	2 3	23 50	0 33	17 40	1 14	28 50	5 4	23 2	22 57	0 26		n.a.
M27	23 42	15 6	5 8	22 6	0 5	18 10	5 7	23 27	1 13	15 55	0 41	17 16	2 3	23 50	0 33	17 39	1 14	28 51	5 4	23 2	22 57	0 23		n.a.
T 28	23 44	19 10	4 47	22 34	0n 7	17 57	5 17	23 21	1 13	15 59	0 41	17 14	2 3	23 50	0 33	17 39	1 14	28 51	5 4	23 3	22 58	0 20		n.a.
W29	23 46	22 27	4 11	23 1	0 19	17 45	5 26	23 15	1 13	16 3	0 41	17 12	2 3	23 50	0 33	17 38	1 14	28 51	5 4	23 3	22 58	0 17		n.a.
T 30	23n47	24n40	3n22	23n25	0n30	17n34	5s34	23n 8	1n13	16n 6	0s41	17n10	2n 3	23s50	0s33	17n38	1n14	28n51	5n 4	23s 3	22s58	0s14		n.a.

Julian Day Number = 1347193.5, Delta T = 07h10m32s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'13, Lahiri = -18°06'12 Julian Calendar 1 June 1025 BCE == Greg. Calendar 22 May 1025 BCE

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

JULY 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 57 50	28♊13'19	17♊48	16♊39	15°R48	22♋53	15♉45	19♌30	11°R43	15♌30	26♊53	14°R 8	14♑50	18♓57	n.a.	F 1
S 2	18 1 47	29°10'51	1♋25	18°38	15♊19	23°31	15°56	19°36	11♑40	15°31	26°55	14♑ 7	14°47	19° 4	n.a.	S 2
S 3	18 5 44	0♋ 8'24	15°17	20°37	14°52	24° 9	16° 8	19°41	11°38	15°33	26°56	14°D 7	14°44	19°11	n.a.	S 3
M 4	18 9 40	1° 5'57	29°22	22°38	14°26	24°47	16°20	19°47	11°36	15°35	26°58	14° 7	14°41	19°17	n.a.	M 4
T 5	18 13 37	2° 3'32	13♌35	24°40	14° 3	25°26	16°31	19°53	11°33	15°36	27° 0	14° 8	14°38	19°24	n.a.	T 5
W 6	18 17 33	3° 1'09	27°54	26°43	13°42	26° 4	16°43	19°58	11°31	15°38	27° 2	14° 9	14°34	19°31	n.a.	W 6
T 7	18 21 30	3°58'46	12♍13	28°46	13°23	26°42	16°54	20° 4	11°29	15°40	27° 3	14°10	14°31	19°37	n.a.	T 7
F 8	18 25 26	4°56'24	26°31	0♎48	13° 6	27°20	17° 5	20°10	11°26	15°42	27° 5	14°10	14°28	19°44	n.a.	F 8
S 9	18 29 23	5°54'03	10♎43	2°51	12°51	27°59	17°16	20°16	11°24	15°43	27° 7	14°R10	14°25	19°51	n.a.	S 9
S 10	18 33 20	6°51'44	24°49	4°53	12°39	28°37	17°27	20°22	11°22	15°45	27° 9	14°10	14°22	19°58	n.a.	S 10
M11	18 37 16	7°49'26	8♏45	6°55	12°30	29°15	17°38	20°28	11°19	15°47	27°10	14° 9	14°18	20° 4	n.a.	M11
T 12	18 41 13	8°47'09	22°30	8°55	12°22	29°54	17°49	20°34	11°17	15°49	27°12	14° 9	14°15	20°11	n.a.	T 12
W13	18 45 9	9°44'53	6♐ 3	10°55	12°17	0♌32	18° 0	20°40	11°14	15°51	27°14	14° 8	14°12	20°18	n.a.	W13
T 14	18 49 6	10°42'39	19°22	12°54	12°15	1°11	18°11	20°46	11°12	15°53	27°15	14° 8	14° 9	20°24	n.a.	T 14
F 15	18 53 2	11°40'27	2♑27	14°51	12°D15	1°49	18°22	20°52	11°10	15°55	27°17	14° 7	14° 6	20°31	n.a.	F 15
S 16	18 56 59	12°38'16	15°18	16°48	12°17	2°28	18°32	20°58	11° 7	15°56	27°19	14°D 7	14° 3	20°38	n.a.	S 16
S 17	19 0 55	13°36'07	27°54	18°43	12°21	3° 6	18°43	21° 4	11° 5	15°58	27°21	14° 7	13°59	20°45	n.a.	S 17
M18	19 4 52	14°33'59	10♒17	20°37	12°28	3°45	18°53	21°11	11° 2	16° 0	27°22	14°R 7	13°56	20°51	n.a.	M18
T 19	19 8 49	15°31'53	22°28	22°30	12°37	4°24	19° 3	21°17	11° 0	16° 2	27°24	14° 7	13°53	20°58	n.a.	T 19
W20	19 12 45	16°29'49	4♓30	24°21	12°48	5° 2	19°13	21°23	10°58	16° 4	27°26	14° 7	13°50	21° 5	n.a.	W20
T 21	19 16 42	17°27'47	16°25	26°12	13° 1	5°41	19°24	21°30	10°55	16° 6	27°27	14° 7	13°47	21°11	n.a.	T 21
F 22	19 20 38	18°25'47	28°17	28° 0	13°16	6°20	19°33	21°36	10°53	16° 8	27°29	14° 6	13°44	21°18	n.a.	F 22
S 23	19 24 35	19°23'48	10♈10	29°48	13°33	6°59	19°43	21°43	10°51	16°10	27°31	14° 6	13°40	21°25	n.a.	S 23
S 24	19 28 31	20°21'52	22° 9	1♌34	13°52	7°38	19°53	21°49	10°48	16°12	27°32	14°D 6	13°37	21°32	n.a.	S 24
M25	19 32 28	21°19'58	4♉19	3°19	14°13	8°16	20° 3	21°56	10°46	16°14	27°34	14° 6	13°34	21°38	n.a.	M25
T 26	19 36 24	22°18'07	16°43	5° 3	14°35	8°55	20°12	22° 2	10°43	16°17	27°36	14° 7	13°31	21°45	n.a.	T 26
W27	19 40 21	23°16'17	29°26	6°46	14°59	9°34	20°22	22° 9	10°41	16°19	27°37	14° 8	13°28	21°52	n.a.	W27
T 28	19 44 18	24°14'29	12♊30	8°27	15°25	10°13	20°31	22°16	10°39	16°21	27°39	14° 8	13°24	21°58	n.a.	T 28
F 29	19 48 14	25°12'44	25°58	10° 7	15°53	10°52	20°40	22°23	10°37	16°23	27°40	14° 9	13°21	22° 5	n.a.	F 29
S 30	19 52 11	26°11'01	9♋49	11°46	16°22	11°32	20°49	22°29	10°34	16°25	27°42	14°R10	13°18	22°12	n.a.	S 30
S 31	19 56 7	27♋ 9'19	24♋ 2	13♌24	16♊53	12♌11	20♉58	22♌36	10♑32	16♌27	27♊43	14♑10	13♑15	22♓19	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23n48	25n35	2n20	23n48	0n40	17n23	5s42	23n 2	1n12	16n10	0s41	17n 8	2n 3	23s51	0s33	17n37	1n14	28n51	5n 4	23s 3	22s59	0s11		n.a.	
S 2	23 49	24 58	1 10	24 9	0 50	17 13	5 49	22 55	1 12	16 13	0 41	17 7	2 3	23 51	0 33	17 37	1 14	28 51	5 4	23 3	22 59	0 8		n.a.	
S 3	23 49	22 49	0s 6	24 28	0 59	17 4	5 55	22 48	1 12	16 16	0 41	17 5	2 3	23 51	0 33	17 36	1 14	28 51	5 4	23 3	22 59	0 5		n.a.	
M 4	23 49	19 15	1 23	24 44	1 7	16 55	6 1	22 41	1 12	16 20	0 41	17 3	2 2	23 51	0 33	17 36	1 14	28 51	5 4	23 3	23 0	0 2		n.a.	
T 5	23 48	14 31	2 36	24 57	1 15	16 48	6 5	22 34	1 11	16 23	0 41	17 1	2 2	23 52	0 33	17 35	1 14	28 51	5 5	23 3	23 0	0n 1		n.a.	
W 6	23 47	8 58	3 39	25 8	1 22	16 41	6 10	22 26	1 11	16 26	0 41	16 59	2 2	23 52	0 33	17 35	1 14	28 52	5 5	23 3	23 0	0 4		n.a.	
T 7	23 45	2 57	4 29	25 16	1 27	16 35	6 13	22 18	1 11	16 30	0 41	16 57	2 2	23 52	0 33	17 34	1 14	28 52	5 5	23 3	23 1	0 7		n.a.	
F 8	23 43	3s12	5 2	25 21	1 33	16 30	6 16	22 11	1 11	16 33	0 41	16 55	2 2	23 52	0 33	17 34	1 14	28 52	5 5	23 3	23 1	0 10		n.a.	
S 9	23 41	9 8	5 16	25 24	1 37	16 26	6 19	22 3	1 10	16 36	0 41	16 53	2 2	23 52	0 33	17 33	1 14	28 52	5 5	23 3	23 1	0 13		n.a.	
S 10	23 38	14 34	5 11	25 24	1 40	16 23	6 21	21 54	1 10	16 39	0 41	16 51	2 2	23 53	0 33	17 33	1 14	28 52	5 5	23 3	23 2	0 16		n.a.	
M11	23 35	19 10	4 48	25 21	1 43	16 21	6 22	21 46	1 10	16 43	0 41	16 49	2 2	23 53	0 33	17 32	1 14	28 52	5 5	23 3	23 2	0 19		n.a.	
T 12	23 31	22 41	4 9	25 16	1 45	16 19	6 22	21 38	1 10	16 46	0 41	16 47	2 2	23 53	0 33	17 31	1 14	28 52	5 5	23 3	23 2	0 22		n.a.	
W13	23 27	24 52	3 16	25 8	1 47	16 18	6 23	21 29	1 9	16 49	0 41	16 45	2 2	23 53	0 33	17 31	1 14	28 53	5 5	23 3	23 3	0 25		n.a.	
T 14	23 23	25 36	2 13	24 58	1 48	16 18	6 22	21 20	1 9	16 52	0 41	16 43	2 2	23 53	0 33	17 30	1 14	28 53	5 5	23 3	23 3	0 28		n.a.	
F 15	23 18	24 52	1 4	24 46	1 48	16 19	6 22	21 11	1 9	16 55	0 41	16 41	2 2	23 54	0 33	17 30	1 14	28 53	5 5	23 3	23 4	0 31		n.a.	
S 16	23 12	22 49	0n 7	24 31	1 47	16 20	6 20	21 2	1 9	16 58	0 41	16 39	2 1	23 54	0 33	17 29	1 14	28 53	5 6	23 3	23 4	0 34		n.a.	
S 17	23 7	19 40	1 16	24 15	1 46	16 22	6 19	20 53	1 8	17 1	0 41	16 37	2 1	23 54	0 33	17 28	1 14	28 53	5 6	23 3	23 4	0 37		n.a.	
M18	23 0	15 42	2 20	23 56	1 45	16 25	6 17	20 43	1 8	17 4	0 41	16 35	2 1	23 54	0 33	17 28	1 14	28 53	5 6	23 3	23 5	0 40		n.a.	
T 19	22 54	11 8	3 17	23 36	1 43	16 28	6 15	20 34	1 8	17 6	0 41	16 32	2 1	23 55	0 33	17 27	1 14	28 53	5 6	23 3	23 5	0 43		n.a.	
W20	22 47	6 14	4 4	23 14	1 40	16 32	6 12	20 24	1 7	17 9	0 41	16 30	2 1	23 55	0 33	17 27	1 14	28 54	5 6	23 3	23 5	0 46		n.a.	
T 21	22 39	1 9	4 41	22 50	1 37	16 37	6 9	20 14	1 7	17 12	0 41	16 28	2 1	23 55	0 33	17 26	1 14	28 54	5 6	23 3	23 6	0 49		n.a.	
F 22	22 32	3n57	5 5	22 25	1 34	16 42	6 6	20 4	1 7	17 15	0 41	16 26	2 1	23 55	0 33	17 25	1 14	28 54	5 6	23 3	23 6	0 52		n.a.	
S 23	22 23	8 55	5 16	21 59	1 30	16 48	6 2	19 54	1 7	17 17	0 41	16 24	2 1	23 55	0 33	17 25	1 14	28 54	5 6	23 3	23 6	0 55		n.a.	
S 24	22 15	13 36	5 14	21 31	1 26	16 54	5 58	19 43	1 6	17 20	0 41	16 21	2 1	23 56	0 33	17 24	1 14	28 54	5 7	23 3	23 7	0 58		n.a.	
M25	22 6	17 48	4 57	21 2	1 21	17 0	5 54	19 33	1 6	17 23	0 41	16 19	2 1	23 56	0 33	17 23	1 14	28 54	5 7	23 3	23 7	1 1		n.a.	
T 26	21 56	21 21	4 27	20 32	1 16	17 7	5 50	19 22	1 6	17 25	0 41	16 17	2 1	23 56	0 33	17 23	1 14	28 54	5 7	23 3	23 7	1 4		n.a.	
W27	21 47	23 58	3 43	20 1	1 11	17 14	5 46	19 11	1 5	17 28	0 41	16 15	2 1	23 56	0 33	17 22	1 14	28 55	5 7	23 3	23 7	1 7		n.a.	
T 28	21 36	25 24	2 46	19 29	1 6	17 21	5 41	19 0	1 5	17 30	0 41	16 12	2 1	23 56	0 33	17 22	1 14	28 55	5 7	23 3	23 8	1 10		n.a.	
F 29	21 26	25 24	1 39	18 57	1 0	17 29	5 36	18 49	1 5	17 33	0 41	16 10	2 1	23 56	0 33	17 21	1 14	28 55	5 7	23 3	23 8	1 12		n.a.	
S 30	21 15	23 51	0 24	18 23	0 54	17 37	5 32	18 38	1 5	17 35	0 41	16 8	2 1	23 57	0 33	17 20	1 14	28 55	5 7	23 3	23 8	1 15		n.a.	
S 31	21n 3	20n45	0s54	17n49	0n47	17n45	5s26	18n26	1n 4	17n38	0s41	16n 6	2n 1	23s57	0s33	17n20	1n14	28n55	5n 7	23s 3	23s 9	1n18		n.a.	

Julian Day Number = 1347223.5, Delta T = 07h10m30s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'08, Lahiri = -18°06'08 Julian Calendar 1 July 1025 BCE == Greg. Calendar 21 June 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

AUGUST 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 0 4	28♋ 7'40	8♌32	15♌ 0	17♊25	12♌50	21♉ 7	22♌43	10°R30	16♌29	27♊45	14°R 9	13♑12	22♓25	n.a.	M 1
T 2	20 4 0	29° 6'02	23°13	16°36	17°58	13°29	21°16	22°50	10♑27	16°31	27°47	14♑ 7	13° 9	22°32	n.a.	T 2
W 3	20 7 57	0♌ 4'26	7♍59	18°10	18°33	14° 8	21°24	22°57	10°25	16°33	27°48	14° 5	13° 5	22°39	n.a.	W 3
T 4	20 11 53	1° 2'52	22°41	19°43	19° 9	14°48	21°33	23° 4	10°23	16°36	27°50	14° 3	13° 2	22°45	n.a.	T 4
F 5	20 15 50	2° 1'20	7♎15	21°15	19°46	15°27	21°41	23°11	10°21	16°38	27°51	14° 2	12°59	22°52	n.a.	F 5
S 6	20 19 46	2°59'50	21°34	22°46	20°25	16° 6	21°49	23°18	10°19	16°40	27°53	14° 0	12°56	22°59	n.a.	S 6
S 7	20 23 43	3°58'21	5♏37	24°15	21° 4	16°46	21°57	23°25	10°17	16°42	27°54	14°D 0	12°53	23° 6	n.a.	S 7
M 8	20 27 40	4°56'54	19°23	25°44	21°45	17°25	22° 5	23°32	10°14	16°44	27°56	14° 1	12°50	23°12	n.a.	M 8
T 9	20 31 36	5°55'29	2♐51	27°11	22°27	18° 5	22°13	23°39	10°12	16°47	27°57	14° 2	12°46	23°19	n.a.	T 9
W10	20 35 33	6°54'05	16° 2	28°37	23°10	18°44	22°21	23°46	10°10	16°49	27°58	14° 3	12°43	23°26	n.a.	W10
T 11	20 39 29	7°52'44	28°59	0♍ 2	23°54	19°24	22°28	23°53	10° 8	16°51	28° 0	14° 5	12°40	23°32	n.a.	T 11
F 12	20 43 26	8°51'24	11♑42	1°26	24°38	20° 3	22°36	24° 0	10° 6	16°53	28° 1	14°R 5	12°37	23°39	n.a.	F 12
S 13	20 47 22	9°50'07	24°14	2°48	25°24	20°43	22°43	24° 7	10° 4	16°55	28° 3	14° 5	12°34	23°46	n.a.	S 13
S 14	20 51 19	10°48'51	6♒35	4° 9	26°11	21°23	22°50	24°14	10° 2	16°58	28° 4	14° 3	12°30	23°53	n.a.	S 14
M15	20 55 15	11°47'38	18°46	5°29	26°58	22° 2	22°57	24°21	10° 0	17° 0	28° 5	14° 0	12°27	23°59	n.a.	M15
T 16	20 59 12	12°46'26	0♓50	6°47	27°47	22°42	23° 4	24°28	9°59	17° 2	28° 7	13°56	12°24	24° 6	n.a.	T 16
W17	21 3 9	13°45'17	12°48	8° 4	28°36	23°22	23°10	24°36	9°57	17° 4	28° 8	13°51	12°21	24°13	n.a.	W17
T 18	21 7 5	14°44'10	24°41	9°20	29°26	24° 2	23°17	24°43	9°55	17° 7	28° 9	13°45	12°18	24°19	n.a.	T 18
F 19	21 11 2	15°43'05	6♈32	10°34	0♋16	24°42	23°23	24°50	9°53	17° 9	28°11	13°40	12°15	24°26	n.a.	F 19
S 20	21 14 58	16°42'03	18°25	11°46	1° 8	25°22	23°29	24°57	9°51	17°11	28°12	13°36	12°11	24°33	n.a.	S 20
S 21	21 18 55	17°41'03	0♉22	12°56	2° 0	26° 2	23°35	25° 5	9°49	17°13	28°13	13°33	12° 8	24°40	n.a.	S 21
M22	21 22 51	18°40'06	12°29	14° 5	2°53	26°42	23°41	25°12	9°48	17°15	28°14	13°31	12° 5	24°46	n.a.	M22
T 23	21 26 48	19°39'11	24°49	15°12	3°46	27°22	23°47	25°19	9°46	17°18	28°16	13°D31	12° 2	24°53	n.a.	T 23
W24	21 30 44	20°38'19	7♊27	16°16	4°40	28° 2	23°52	25°26	9°44	17°20	28°17	13°32	11°59	25° 0	n.a.	W24
T 25	21 34 41	21°37'29	20°28	17°18	5°35	28°42	23°58	25°34	9°43	17°22	28°18	13°33	11°56	25° 6	n.a.	T 25
F 26	21 38 37	22°36'41	3♋54	18°18	6°30	29°22	24° 3	25°41	9°41	17°24	28°19	13°35	11°52	25°13	n.a.	F 26
S 27	21 42 34	23°35'56	17°48	19°15	7°26	0♍ 2	24° 8	25°48	9°40	17°27	28°20	13°R35	11°49	25°20	n.a.	S 27
S 28	21 46 31	24°35'13	2♌10	20° 9	8°23	0°43	24°13	25°55	9°38	17°29	28°21	13°34	11°46	25°27	n.a.	S 28
M29	21 50 27	25°34'33	16°54	21° 0	9°20	1°23	24°18	26° 3	9°37	17°31	28°22	13°30	11°43	25°33	n.a.	M29
T 30	21 54 24	26°33'55	1♍56	21°48	10°17	2° 3	24°22	26°10	9°35	17°33	28°23	13°25	11°40	25°40	n.a.	T 30
W31	21 58 20	27♌33'19	17♍ 5	22♍32	11♋15	2♍44	24♉26	26♌17	9♑34	17♌36	28♊24	13♑19	11♑36	25♓47	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20n52	16n19	2s11	17n15	0n41	17n53	5s21	18n15	1n 4	17n40	0s41	16n 3	2n 1	23s57	0s33	17n19	1n14	28n55	5n 8	23s 3	23s 9	1n21			n.a.
T 2	20 40	10 51	3 19	16 39	0 34	18 1	5 16	18 3	1 4	17 42	0 41	16 1	2 1	23 57	0 33	17 18	1 14	28 56	5 8	23 3	23 9	1 24			n.a.
W 3	20 27	4 46	4 15	16 4	0 27	18 10	5 10	17 51	1 3	17 45	0 41	15 59	2 1	23 57	0 33	17 18	1 14	28 56	5 8	23 4	23 10	1 27			n.a.
T 4	20 14	1s32	4 54	15 27	0 20	18 18	5 5	17 39	1 3	17 47	0 41	15 56	2 1	23 58	0 33	17 17	1 14	28 56	5 8	23 4	23 10	1 30			n.a.
F 5	20 1	7 42	5 13	14 51	0 13	18 27	4 59	17 27	1 3	17 49	0 41	15 54	2 0	23 58	0 33	17 16	1 14	28 56	5 8	23 4	23 10	1 33			n.a.
S 6	19 48	13 21	5 13	14 14	0 6	18 35	4 53	17 15	1 2	17 51	0 41	15 52	2 0	23 58	0 33	17 16	1 14	28 56	5 8	23 4	23 11	1 36			n.a.
S 7	19 34	18 12	4 53	13 37	0s 2	18 44	4 48	17 3	1 2	17 53	0 41	15 49	2 0	23 58	0 33	17 15	1 14	28 56	5 8	23 4	23 11	1 39			n.a.
M 8	19 20	21 58	4 17	13 0	0 10	18 52	4 42	16 50	1 2	17 55	0 41	15 47	2 0	23 58	0 33	17 14	1 14	28 57	5 9	23 4	23 11	1 42			n.a.
T 9	19 5	24 27	3 28	12 22	0 17	19 1	4 36	16 37	1 1	17 57	0 41	15 44	2 0	23 58	0 33	17 14	1 14	28 57	5 9	23 4	23 12	1 45			n.a.
W10	18 50	25 32	2 28	11 45	0 25	19 9	4 30	16 25	1 1	17 59	0 41	15 42	2 0	23 59	0 33	17 13	1 14	28 57	5 9	23 4	23 12	1 48			n.a.
T 11	18 35	25 11	1 22	11 7	0 33	19 17	4 23	16 12	1 1	18 1	0 41	15 40	2 0	23 59	0 33	17 12	1 14	28 57	5 9	23 4	23 12	1 51			n.a.
F 12	18 20	23 31	0 13	10 30	0 41	19 25	4 17	15 59	1 0	18 3	0 41	15 37	2 0	23 59	0 33	17 12	1 14	28 57	5 9	23 4	23 13	1 54			n.a.
S 13	18 4	20 42	0n55	9 52	0 49	19 33	4 11	15 46	1 0	18 5	0 41	15 35	2 0	23 59	0 33	17 11	1 14	28 58	5 9	23 4	23 13	1 57			n.a.
S 14	17 48	16 59	2 0	9 15	0 57	19 41	4 5	15 32	1 0	18 7	0 41	15 32	2 0	23 59	0 33	17 10	1 14	28 58	5 10	23 4	23 13	2 0			n.a.
M15	17 31	12 36	2 59	8 38	1 5	19 48	3 59	15 19	0 59	18 9	0 41	15 30	2 0	23 59	0 33	17 10	1 14	28 58	5 10	23 4	23 13	2 3			n.a.
T 16	17 15	7 48	3 48	8 1	1 14	19 56	3 52	15 5	0 59	18 10	0 41	15 28	2 0	23 59	0 33	17 9	1 14	28 58	5 10	23 5	23 14	2 6			n.a.
W17	16 58	2 45	4 27	7 25	1 22	20 3	3 46	14 52	0 59	18 12	0 41	15 25	2 0	24 0	0 33	17 8	1 14	28 58	5 10	23 5	23 14	2 9			n.a.
T 18	16 40	2n21	4 55	6 49	1 30	20 9	3 40	14 38	0 58	18 14	0 41	15 23	2 0	24 0	0 33	17 7	1 14	28 58	5 10	23 6	23 14	2 12			n.a.
F 19	16 23	7 21	5 9	6 13	1 38	20 16	3 33	14 24	0 58	18 15	0 41	15 20	2 0	24 0	0 33	17 7	1 14	28 59	5 10	23 6	23 15	2 15			n.a.
S 20	16 5	12 6	5 10	5 38	1 46	20 22	3 27	14 10	0 58	18 17	0 41	15 18	2 0	24 0	0 33	17 6	1 14	28 59	5 11	23 7	23 15	2 17			n.a.
S 21	15 47	16 25	4 58	5 3	1 54	20 28	3 21	13 56	0 57	18 18	0 41	15 15	2 0	24 0	0 33	17 5	1 14	28 59	5 11	23 7	23 15	2 20			n.a.
M22	15 28	20 9	4 33	4 30	2 2	20 33	3 14	13 42	0 57	18 20	0 41	15 13	2 0	24 0	0 33	17 5	1 14	28 59	5 11	23 7	23 16	2 23			n.a.
T 23	15 9	23 3	3 54	3 56	2 9	20 38	3 8	13 28	0 56	18 21	0 41	15 10	2 1	24 0	0 33	17 4	1 14	28 59	5 11	23 7	23 16	2 26			n.a.
W24	14 50	24 55	3 4	3 24	2 17	20 43	3 1	13 13	0 56	18 23	0 41	15 8	2 1	24 0	0 33	17 3	1 14	29 0	5 11	23 7	23 16	2 29			n.a.
T 25	14 31	25 30	2 2	2 53	2 24	20 47	2 55	12 59	0 56	18 24	0 41	15 5	2 1	24 0	0 33	17 3	1 14	29 0	5 11	23 7	23 16	2 32			n.a.
F 26	14 12	24 38	0 52	2 23	2 32	20 51	2 49	12 44	0 55	18 25	0 41	15 3	2 1	24 1	0 33	17 2	1 14	29 0	5 12	23 7	23 17	2 35			n.a.
S 27	13 52	22 14	0s23	1 54	2 39	20 54	2 42	12 29	0 55	18 27	0 41	15 0	2 1	24 1	0 33	17 1	1 14	29 0	5 12	23 7	23 17	2 38			n.a.
S 28	13 32	18 23	1 39	1 26	2 45	20 57	2 36	12 15	0 55	18 28	0 41	14 58	2 1	24 1	0 33	17 1	1 14	29 0	5 12	23 7	23 17	2 41			n.a.
M29	13 12	13 19	2 50	1 0	2 52	21 0	2 30	12 0	0 54	18 29	0 41	14 55	2 1	24 1	0 33	17 0	1 14	29 1	5 12	23 7	23 18	2 44			n.a.
T 30	12 51	7 21	3 51	0 35	2 58	21 2	2 24	11 45	0 54	18 30	0 41	14 53	2 1	24 1	0 33	16 59	1 14	29 1	5 12	23 8	23 18	2 47			n.a.
W31	12n31	0n57	4s37	0n13	3s 3	21n 3	2s17	11n29	0n53	18n31	0s41	14n50	2n 1	24s 1	0s33	16n59	1n14	29n 1	5n13	23s 8	23s18	2n50			n.a.

Julian Day Number = 1347254.5, Delta T = 07h10m29s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'04, Lahiri = -18°06'04 Julian Calendar 1 Aug. 1025 BCE == Greg. Calendar 22 July 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

SEPTEMBER 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 2 17	28♌32'44	2♎12	23♍11	12♋14	3♍24	24♉31	26♌25	9°R33	17♌38	28♊25	13°R12	11♑33	25♓53	n.a.	T 1
F 2	22 6 13	29°32'12	17° 6	23°46	13°12	4° 5	24°35	26°32	9♑31	17°40	28°26	13♑ 5	11°30	26° 0	n.a.	F 2
S 3	22 10 10	0♍31'42	1♏41	24°16	14°12	4°45	24°38	26°39	9°30	17°42	28°27	13° 0	11°27	26° 7	n.a.	S 3
S 4	22 14 6	1°31'14	15°53	24°41	15°12	5°26	24°42	26°46	9°29	17°44	28°28	12°57	11°24	26°14	n.a.	S 4
M 5	22 18 3	2°30'48	29°39	25° 0	16°12	6° 7	24°46	26°54	9°28	17°46	28°29	12°D56	11°21	26°20	n.a.	M 5
T 6	22 22 0	3°30'23	13♐ 1	25°13	17°13	6°47	24°49	27° 1	9°27	17°49	28°30	12°56	11°17	26°27	n.a.	T 6
W 7	22 25 56	4°30'01	26° 2	25°R19	18°14	7°28	24°52	27° 8	9°26	17°51	28°31	12°57	11°14	26°34	n.a.	W 7
T 8	22 29 53	5°29'40	8♑44	25°17	19°15	8° 9	24°55	27°15	9°25	17°53	28°32	12°R58	11°11	26°41	n.a.	T 8
F 9	22 33 49	6°29'22	21°11	25° 7	20°17	8°50	24°57	27°23	9°24	17°55	28°33	12°58	11° 8	26°47	n.a.	F 9
S 10	22 37 46	7°29'05	3♒28	24°50	21°19	9°30	25° 0	27°30	9°23	17°57	28°34	12°56	11° 5	26°54	n.a.	S 10
S 11	22 41 42	8°28'50	15°35	24°23	22°22	10°11	25° 2	27°37	9°22	17°59	28°34	12°51	11° 2	27° 1	n.a.	S 11
M12	22 45 39	9°28'37	27°37	23°48	23°25	10°52	25° 4	27°44	9°21	18° 2	28°35	12°44	10°58	27° 7	n.a.	M12
T 13	22 49 35	10°28'26	9♓34	23° 5	24°28	11°33	25° 6	27°51	9°20	18° 4	28°36	12°34	10°55	27°14	n.a.	T 13
W14	22 53 32	11°28'17	21°28	22°13	25°31	12°14	25° 8	27°58	9°20	18° 6	28°36	12°23	10°52	27°21	n.a.	W14
T 15	22 57 28	12°28'11	3♈20	21°13	26°35	12°55	25°10	28° 6	9°19	18° 8	28°37	12°11	10°49	27°28	n.a.	T 15
F 16	23 1 25	13°28'06	15°12	20° 7	27°40	13°36	25°11	28°13	9°18	18°10	28°38	11°59	10°46	27°34	n.a.	F 16
S 17	23 5 22	14°28'04	27° 6	18°55	28°44	14°18	25°12	28°20	9°18	18°12	28°38	11°49	10°42	27°41	n.a.	S 17
S 18	23 9 18	15°28'04	9♉ 4	17°40	29°49	14°59	25°13	28°27	9°17	18°14	28°39	11°41	10°39	27°48	n.a.	S 18
M19	23 13 15	16°28'06	21°10	16°24	0♌54	15°40	25°14	28°34	9°17	18°16	28°40	11°35	10°36	27°54	n.a.	M19
T 20	23 17 11	17°28'11	3♊27	15° 8	2° 0	16°21	25°14	28°41	9°16	18°18	28°40	11°32	10°33	28° 1	n.a.	T 20
W21	23 21 8	18°28'18	16° 0	13°56	3° 5	17° 3	25°15	28°48	9°16	18°20	28°41	11°D31	10°30	28° 8	n.a.	W21
T 22	23 25 4	19°28'27	28°54	12°49	4°11	17°44	25°R15	28°55	9°15	18°22	28°41	11°31	10°27	28°15	n.a.	T 22
F 23	23 29 1	20°28'38	12♋12	11°50	5°18	18°26	25°15	29° 2	9°15	18°24	28°42	11°R31	10°23	28°21	n.a.	F 23
S 24	23 32 57	21°28'52	25°58	11° 0	6°24	19° 7	25°15	29° 9	9°15	18°26	28°42	11°30	10°20	28°28	n.a.	S 24
S 25	23 36 54	22°29'08	10♌13	10°20	7°31	19°49	25°14	29°16	9°15	18°28	28°43	11°27	10°17	28°35	n.a.	S 25
M26	23 40 51	23°29'26	24°56	9°52	8°38	20°30	25°14	29°23	9°14	18°30	28°43	11°22	10°14	28°41	n.a.	M26
T 27	23 44 47	24°29'46	10♍ 2	9°35	9°45	21°12	25°13	29°30	9°14	18°32	28°43	11°14	10°11	28°48	n.a.	T 27
W28	23 48 44	25°30'08	25°20	9°D30	10°53	21°53	25°12	29°36	9°14	18°34	28°44	11° 3	10° 7	28°55	n.a.	W28
T 29	23 52 40	26°30'31	10♎41	9°36	12° 0	22°35	25°10	29°43	9°D14	18°35	28°44	10°52	10° 4	29° 2	n.a.	T 29
F 30	23 56 37	27♍30'57	25♎53	9♍53	13♌ 8	23♍17	25♉ 9	29♌50	9♑14	18♌37	28♊44	10♑42	10♑ 1	29♓ 8	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n10	5s30	5s 2	0s 8	3s 9	21n 4	2s11	11n14	0n53	18n32	0s41	14n48	2n 1	24s 1	0s33	16n58	1n14	29n 1	5n13	23s 9	23s18	2n53		n.a.
F 2	11 49	11 32	5 7	0 26	3 13	21 5	2 5	10 59	0 53	18 33	0 41	14 46	2 1	24 1	0 33	16 57	1 14	29 1	5 13	23 10	23 19	2 56		n.a.
S 3	11 28	16 48	4 52	0 42	3 17	21 5	1 59	10 43	0 52	18 34	0 41	14 43	2 1	24 1	0 33	16 57	1 14	29 2	5 13	23 10	23 19	2 58		n.a.
S 4	11 6	20 58	4 19	0 55	3 21	21 4	1 53	10 28	0 52	18 35	0 41	14 41	2 1	24 1	0 33	16 56	1 14	29 2	5 13	23 11	23 19	3 1		n.a.
M 5	10 45	23 50	3 32	1 5	3 23	21 3	1 47	10 12	0 51	18 36	0 41	14 38	2 1	24 1	0 33	16 55	1 14	29 2	5 14	23 11	23 19	3 4		n.a.
T 6	10 23	25 16	2 34	1 11	3 25	21 1	1 41	9 57	0 51	18 37	0 41	14 36	2 1	24 1	0 33	16 55	1 14	29 2	5 14	23 11	23 20	3 7		n.a.
W 7	10 1	25 15	1 30	1 14	3 25	20 59	1 35	9 41	0 51	18 37	0 41	14 33	2 1	24 2	0 33	16 54	1 14	29 3	5 14	23 11	23 20	3 10		n.a.
T 8	9 39	23 54	0 23	1 13	3 24	20 57	1 29	9 25	0 50	18 38	0 41	14 31	2 1	24 2	0 33	16 53	1 14	29 3	5 14	23 10	23 20	3 13		n.a.
F 9	9 16	21 24	0n44	1 7	3 23	20 53	1 23	9 9	0 50	18 39	0 41	14 28	2 1	24 2	0 33	16 53	1 14	29 3	5 14	23 10	23 21	3 16		n.a.
S 10	8 54	17 57	1 48	0 57	3 19	20 50	1 17	8 53	0 49	18 39	0 41	14 26	2 1	24 2	0 33	16 52	1 14	29 3	5 15	23 11	23 21	3 19		n.a.
S 11	8 31	13 47	2 45	0 42	3 14	20 45	1 11	8 37	0 49	18 40	0 41	14 23	2 2	24 2	0 33	16 51	1 14	29 3	5 15	23 11	23 21	3 22		n.a.
M12	8 8	9 8	3 35	0 22	3 7	20 40	1 6	8 21	0 48	18 40	0 41	14 21	2 2	24 2	0 33	16 51	1 14	29 4	5 15	23 12	23 21	3 25		n.a.
T 13	7 45	4 11	4 15	0n 4	2 59	20 35	1 0	8 5	0 48	18 41	0 41	14 18	2 2	24 2	0 33	16 50	1 14	29 4	5 15	23 13	23 22	3 28		n.a.
W14	7 22	0n54	4 43	0 34	2 48	20 29	0 55	7 48	0 48	18 41	0 41	14 16	2 2	24 2	0 33	16 49	1 14	29 4	5 15	23 14	23 22	3 30		n.a.
T 15	6 59	5 55	4 59	1 9	2 36	20 22	0 49	7 32	0 47	18 42	0 41	14 13	2 2	24 2	0 33	16 49	1 14	29 4	5 16	23 15	23 22	3 33		n.a.
F 16	6 36	10 43	5 3	1 49	2 21	20 15	0 44	7 16	0 47	18 42	0 41	14 11	2 2	24 2	0 33	16 48	1 14	29 4	5 16	23 16	23 22	3 36		n.a.
S 17	6 12	15 8	4 52	2 32	2 5	20 7	0 38	6 59	0 46	18 42	0 41	14 9	2 2	24 2	0 33	16 48	1 14	29 5	5 16	23 17	23 23	3 39		n.a.
S 18	5 49	18 59	4 30	3 18	1 47	19 58	0 33	6 43	0 46	18 43	0 41	14 6	2 2	24 2	0 33	16 47	1 14	29 5	5 16	23 18	23 23	3 42		n.a.
M19	5 25	22 6	3 54	4 6	1 28	19 49	0 28	6 26	0 45	18 43	0 41	14 4	2 2	24 2	0 33	16 46	1 15	29 5	5 16	23 18	23 23	3 45		n.a.
T 20	5 2	24 15	3 8	4 54	1 8	19 40	0 23	6 9	0 45	18 43	0 41	14 1	2 2	24 2	0 33	16 46	1 15	29 5	5 17	23 19	23 23	3 48		n.a.
W21	4 38	25 15	2 11	5 41	0 48	19 30	0 17	5 52	0 44	18 43	0 41	13 59	2 2	24 2	0 33	16 45	1 15	29 6	5 17	23 19	23 24	3 51		n.a.
T 22	4 14	24 55	1 7	6 26	0 27	19 19	0 12	5 36	0 44	18 43	0 41	13 57	2 3	24 2	0 33	16 45	1 15	29 6	5 17	23 19	23 24	3 54		n.a.
F 23	3 50	23 11	0s 4	7 8	0 7	19 7	0 7	5 19	0 44	18 43	0 41	13 54	2 3	24 2	0 33	16 44	1 15	29 6	5 17	23 19	23 24	3 56		n.a.
S 24	3 26	20 3	1 16	7 45	0n13	18 55	0 3	5 2	0 43	18 43	0 41	13 52	2 3	24 2	0 33	16 43	1 15	29 6	5 18	23 19	23 24	3 59		n.a.
S 25	3 2	15 37	2 26	8 17	0 31	18 43	0n 2	4 45	0 43	18 43	0 41	13 50	2 3	24 2	0 33	16 43	1 15	29 6	5 18	23 19	23 25	4 2		n.a.
M26	2 37	10 9	3 28	8 44	0 48	18 30	0 7	4 28	0 42	18 43	0 41	13 47	2 3	24 2	0 33	16 42	1 15	29 7	5 18	23 19	23 25	4 5		n.a.
T 27	2 13	3 57	4 18	9 5	1 4	18 16	0 11	4 11	0 42	18 43	0 41	13 45	2 3	24 2	0 33	16 42	1 15	29 7	5 18	23 20	23 25	4 8		n.a.
W28	1 49	2s33	4 50	9 19	1 18	18 2	0 16	3 54	0 41	18 42	0 41	13 43	2 3	24 2	0 33	16 41	1 15	29 7	5 18	23 21	23 25	4 11		n.a.
T 29	1 25	8 54	5 1	9 28	1 30	17 47	0 20	3 36	0 41	18 42	0 41	13 40	2 3	24 2	0 33	16 41	1 15	29 7	5 19	23 22	23 26	4 14		n.a.
F 30	1n 0	14s39	4s51	9n32	1n41	17n32	0n25	3n19	0n40	18n42	0s41	13n38	2n 4	24s 2	0s33	16n40	1n15	29n 8	5n19	23s23	23s26	4n16		n.a.

Julian Day Number = 1347285.5, Delta T = 07h10m27s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°13'00, Lahiri = -18°06'00 Julian Calendar 1 Sept. 1025 BCE == Greg. Calendar 22 Aug. 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

OCTOBER 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 33	28♍31'24	10♏44	10♍20	14♌16	23♍59	25°R 7	29♌57	9♑14	18♌39	28♊44	10°R33	9♑58	29♓15	n.a.	S 1
S 2	0 4 30	29°31'53	25° 9	10°56	15°25	24°41	25♉ 5	0♍ 3	9°15	18°41	28°45	10♑26	9°55	29°22	n.a.	S 2
M 3	0 8 26	0♎32'23	9♐ 5	11°40	16°33	25°23	25° 3	0°10	9°15	18°43	28°45	10°23	9°52	29°29	n.a.	M 3
T 4	0 12 23	1°32'55	22°32	12°31	17°42	26° 5	25° 1	0°17	9°15	18°44	28°45	10°21	9°48	29°35	n.a.	T 4
W 5	0 16 19	2°33'29	5♑32	13°29	18°51	26°47	24°59	0°23	9°15	18°46	28°45	10°21	9°45	29°42	n.a.	W 5
T 6	0 20 16	3°34'04	18°10	14°33	20° 0	27°29	24°56	0°30	9°16	18°48	28°45	10°21	9°42	29°49	n.a.	T 6
F 7	0 24 13	4°34'40	0♒31	15°41	21° 9	28°11	24°53	0°36	9°16	18°50	28°45	10°19	9°39	29°55	n.a.	F 7
S 8	0 28 9	5°35'17	12°40	16°54	22°19	28°53	24°50	0°42	9°17	18°51	28°45	10°16	9°36	0♈ 2	n.a.	S 8
S 9	0 32 6	6°35'56	24°39	18°10	23°28	29°35	24°47	0°49	9°17	18°53	28°45	10°10	9°33	0° 9	n.a.	S 9
M10	0 36 2	7°36'36	6♓34	19°29	24°38	0♎17	24°44	0°55	9°18	18°55	28°R45	10° 0	9°29	0°16	n.a.	M10
T 11	0 39 59	8°37'18	18°26	20°51	25°48	0°59	24°40	1° 1	9°18	18°56	28°45	9°48	9°26	0°22	n.a.	T 11
W12	0 43 55	9°38'01	0♈18	22°16	26°58	1°42	24°36	1° 8	9°19	18°58	28°45	9°34	9°23	0°29	n.a.	W12
T 13	0 47 52	10°38'46	12°12	23°42	28° 8	2°24	24°32	1°14	9°20	18°59	28°45	9°19	9°20	0°36	n.a.	T 13
F 14	0 51 48	11°39'32	24° 8	25° 9	29°18	3° 6	24°28	1°20	9°20	19° 1	28°45	9° 4	9°17	0°42	n.a.	F 14
S 15	0 55 45	12°40'19	6♉ 7	26°38	0♍29	3°49	24°24	1°26	9°21	19° 2	28°45	8°51	9°13	0°49	n.a.	S 15
S 16	0 59 42	13°41'09	18°12	28° 8	1°40	4°31	24°19	1°32	9°22	19° 4	28°45	8°40	9°10	0°56	n.a.	S 16
M17	1 3 38	14°41'59	0♊24	29°39	2°50	5°14	24°15	1°38	9°23	19° 5	28°45	8°32	9° 7	1° 3	n.a.	M17
T 18	1 7 35	15°42'52	12°45	1♎10	4° 1	5°57	24°10	1°44	9°24	19° 7	28°44	8°27	9° 4	1° 9	n.a.	T 18
W19	1 11 31	16°43'46	25°19	2°42	5°13	6°39	24° 5	1°50	9°25	19° 8	28°44	8°25	9° 1	1°16	n.a.	W19
T 20	1 15 28	17°44'41	8♋10	4°15	6°24	7°22	23°59	1°56	9°26	19° 9	28°44	8°D24	8°58	1°23	n.a.	T 20
F 21	1 19 24	18°45'38	21°22	5°48	7°35	8° 5	23°54	2° 1	9°27	19°11	28°44	8°R24	8°54	1°30	n.a.	F 21
S 22	1 23 21	19°46'37	4♌57	7°21	8°47	8°47	23°49	2° 7	9°28	19°12	28°43	8°23	8°51	1°36	n.a.	S 22
S 23	1 27 17	20°47'37	18°59	8°54	9°58	9°30	23°43	2°13	9°30	19°13	28°43	8°21	8°48	1°43	n.a.	S 23
M24	1 31 14	21°48'39	3♍27	10°27	11°10	10°13	23°37	2°18	9°31	19°15	28°43	8°16	8°45	1°50	n.a.	M24
T 25	1 35 11	22°49'41	18°18	12° 1	12°22	10°56	23°31	2°24	9°32	19°16	28°42	8° 8	8°42	1°56	n.a.	T 25
W26	1 39 7	23°50'45	3♎27	13°35	13°34	11°39	23°25	2°29	9°34	19°17	28°42	7°57	8°39	2° 3	n.a.	W26
T 27	1 43 4	24°51'51	18°42	15° 8	14°46	12°22	23°19	2°35	9°35	19°18	28°41	7°46	8°35	2°10	n.a.	T 27
F 28	1 47 0	25°52'57	3♏54	16°42	15°58	13° 5	23°12	2°40	9°36	19°19	28°41	7°35	8°32	2°17	n.a.	F 28
S 29	1 50 57	26°54'05	18°51	18°16	17°10	13°48	23° 6	2°45	9°38	19°20	28°40	7°26	8°29	2°23	n.a.	S 29
S 30	1 54 53	27°55'13	3♐25	19°50	18°22	14°31	22°59	2°50	9°40	19°22	28°40	7°19	8°26	2°30	n.a.	S 30
M31	1 58 50	28♎56'22	17♐31	21♎24	19♍35	15♎14	22♉52	2♍55	9♑41	19♌23	28♊39	7♑15	8♑23	2♈37	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n36	19s24	4s21	9n30	1n49	17n16	0n29	3n 2	0n40	18n41	0s41	13n36	2n 4	24s 2	0s33	16n39	1n15	29n 8	5n19	23s23	23s26	4n19		n.a.
S 2	0 11	22 49	3 35	9 23	1 57	17 0	0 33	2 45	0 39	18 41	0 41	13 33	2 4	24 2	0 33	16 39	1 15	29 8	5 19	23 24	23 26	4 22		n.a.
M 3	0s13	24 45	2 37	9 11	2 3	16 43	0 37	2 27	0 39	18 40	0 41	13 31	2 4	24 2	0 33	16 38	1 15	29 8	5 19	23 24	23 27	4 25		n.a.
T 4	0 38	25 9	1 33	8 55	2 7	16 26	0 41	2 10	0 38	18 40	0 41	13 29	2 4	24 2	0 32	16 38	1 15	29 8	5 20	23 24	23 27	4 28		n.a.
W 5	1 2	24 7	0 25	8 36	2 11	16 8	0 45	1 53	0 38	18 39	0 41	13 27	2 4	24 2	0 32	16 37	1 15	29 9	5 20	23 24	23 27	4 31		n.a.
T 6	1 26	21 53	0n41	8 13	2 13	15 49	0 49	1 35	0 37	18 39	0 41	13 24	2 4	24 2	0 32	16 37	1 15	29 9	5 20	23 24	23 27	4 34		n.a.
F 7	1 51	18 39	1 44	7 47	2 14	15 30	0 53	1 18	0 37	18 38	0 41	13 22	2 5	24 2	0 32	16 36	1 15	29 9	5 20	23 25	23 28	4 36		n.a.
S 8	2 15	14 42	2 42	7 18	2 14	15 11	0 56	1 0	0 36	18 37	0 41	13 20	2 5	24 2	0 32	16 36	1 15	29 9	5 21	23 25	23 28	4 39		n.a.
S 9	2 40	10 12	3 31	6 47	2 13	14 51	1 0	0 43	0 36	18 36	0 41	13 18	2 5	24 2	0 32	16 35	1 15	29 10	5 21	23 25	23 28	4 42		n.a.
M10	3 4	5 22	4 10	6 14	2 12	14 31	1 3	0 25	0 35	18 36	0 41	13 16	2 5	24 1	0 32	16 35	1 15	29 10	5 21	23 26	23 28	4 45		n.a.
T 11	3 28	0 22	4 39	5 40	2 10	14 10	1 7	0 8	0 35	18 35	0 41	13 14	2 5	24 1	0 32	16 34	1 15	29 10	5 21	23 27	23 29	4 48		n.a.
W12	3 52	4n37	4 55	5 3	2 7	13 49	1 10	0s10	0 34	18 34	0 41	13 12	2 5	24 1	0 32	16 34	1 15	29 10	5 21	23 28	23 29	4 51		n.a.
T 13	4 17	9 28	4 59	4 26	2 3	13 27	1 13	0 27	0 34	18 33	0 40	13 9	2 6	24 1	0 32	16 34	1 15	29 10	5 22	23 29	23 29	4 54		n.a.
F 14	4 41	13 58	4 49	3 47	2 0	13 5	1 16	0 45	0 33	18 32	0 40	13 7	2 6	24 1	0 32	16 33	1 15	29 11	5 22	23 30	23 29	4 56		n.a.
S 15	5 5	17 57	4 26	3 7	1 55	12 42	1 19	1 3	0 33	18 31	0 40	13 5	2 6	24 1	0 32	16 33	1 15	29 11	5 22	23 31	23 29	4 59		n.a.
S 16	5 29	21 13	3 52	2 27	1 51	12 19	1 22	1 20	0 32	18 30	0 40	13 3	2 6	24 1	0 32	16 32	1 16	29 11	5 22	23 32	23 30	5 2		n.a.
M17	5 53	23 35	3 6	1 45	1 46	11 56	1 24	1 38	0 31	18 29	0 40	13 1	2 6	24 1	0 32	16 32	1 16	29 11	5 23	23 32	23 30	5 5		n.a.
T 18	6 17	24 51	2 11	1 4	1 40	11 32	1 27	1 55	0 31	18 28	0 40	12 59	2 6	24 1	0 32	16 31	1 16	29 11	5 23	23 33	23 30	5 8		n.a.
W19	6 41	24 53	1 9	0 21	1 35	11 8	1 30	2 13	0 30	18 26	0 40	12 57	2 7	24 1	0 32	16 31	1 16	29 12	5 23	23 33	23 30	5 11		n.a.
T 20	7 4	23 35	0 1	0s21	1 29	10 44	1 32	2 31	0 30	18 25	0 40	12 55	2 7	24 1	0 32	16 31	1 16	29 12	5 23	23 33	23 31	5 13		n.a.
F 21	7 28	20 58	1s 8	1 4	1 23	10 19	1 34	2 48	0 29	18 24	0 40	12 53	2 7	24 1	0 32	16 30	1 16	29 12	5 23	23 33	23 31	5 16		n.a.
S 22	7 51	17 8	2 15	1 47	1 17	9 54	1 37	3 6	0 29	18 22	0 40	12 52	2 7	24 0	0 32	16 30	1 16	29 12	5 24	23 33	23 31	5 19		n.a.
S 23	8 15	12 15	3 17	2 30	1 11	9 28	1 39	3 24	0 28	18 21	0 40	12 50	2 7	24 0	0 32	16 29	1 16	29 13	5 24	23 33	23 31	5 22		n.a.
M24	8 38	6 33	4 8	3 13	1 4	9 2	1 41	3 41	0 28	18 20	0 40	12 48	2 8	24 0	0 32	16 29	1 16	29 13	5 24	23 33	23 31	5 25		n.a.
T 25	9 1	0 21	4 44	3 56	0 58	8 36	1 43	3 59	0 27	18 18	0 40	12 46	2 8	24 0	0 32	16 29	1 16	29 13	5 24	23 34	23 32	5 27		n.a.
W26	9 24	5s58	5 0	4 39	0 51	8 10	1 44	4 16	0 26	18 17	0 40	12 44	2 8	24 0	0 32	16 28	1 16	29 13	5 24	23 34	23 32	5 30		n.a.
T 27	9 47	11 59	4 56	5 22	0 45	7 43	1 46	4 34	0 26	18 15	0 40	12 42	2 8	24 0	0 32	16 28	1 16	29 13	5 25	23 35	23 32	5 33		n.a.
F 28	10 9	17 15	4 30	6 5	0 38	7 16	1 48	4 51	0 25	18 14	0 40	12 41	2 8	24 0	0 32	16 28	1 16	29 14	5 25	23 36	23 32	5 36		n.a.
S 29	10 32	21 20	3 47	6 47	0 31	6 49	1 49	5 9	0 25	18 12	0 40	12 39	2 9	24 0	0 32	16 27	1 16	29 14	5 25	23 36	23 32	5 39		n.a.
S 30	10 54	23 56	2 49	7 30	0 25	6 22	1 50	5 26	0 24	18 10	0 39	12 37	2 9	23 59	0 32	16 27	1 16	29 14	5 25	23 37	23 33	5 41		n.a.
M31	11s16	24s55	1s43	8s12	0n18	5n54	1n52	5s44	0n24	18n 9	0s39	12n36	2n 9	23s59	0s32	16n27	1n16	29n14	5n26	23s37	23s33	5n44		n.a.

Julian Day Number = 1347315.5, Delta T = 07h10m26s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'56, Lahiri = -18°05'56 Julian Calendar 1 Oct. 1025 BCE == Greg. Calendar 21 Sept. 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

NOVEMBER 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 46	29♎57'31	1♑ 6	22♎58	20♍47	15♎58	22°R45	3♍ 1	9♑43	19♌24	28°R39	7°R13	8♑19	2♈44	n.a.	T 1
W 2	2 6 43	0♏58'42	14°14	24°32	22° 0	16°41	22♉38	3° 5	9°44	19°25	28♊38	7°D13	8°16	2°50	n.a.	W 2
T 3	2 10 40	1°59'52	26°56	26° 5	23°12	17°24	22°31	3°10	9°46	19°26	28°37	7°R14	8°13	2°57	n.a.	T 3
F 4	2 14 36	3° 1'04	9♒19	27°39	24°25	18° 8	22°24	3°15	9°48	19°26	28°37	7♑14	8°10	3° 4	n.a.	F 4
S 5	2 18 33	4° 2'15	21°27	29°13	25°38	18°51	22°16	3°20	9°50	19°27	28°36	7°12	8° 7	3°10	n.a.	S 5
S 6	2 22 29	5° 3'27	3♓24	0♏48	26°51	19°34	22° 9	3°25	9°52	19°28	28°35	7° 8	8° 4	3°17	n.a.	S 6
M 7	2 26 26	6° 4'39	15°17	2°22	28° 4	20°18	22° 1	3°29	9°54	19°29	28°35	7° 1	8° 0	3°24	n.a.	M 7
T 8	2 30 22	7° 5'52	27° 8	3°56	29°17	21° 1	21°54	3°34	9°56	19°30	28°34	6°52	7°57	3°31	n.a.	T 8
W 9	2 34 19	8° 7'05	9♈ 0	5°30	0♎30	21°45	21°46	3°38	9°58	19°31	28°33	6°41	7°54	3°37	n.a.	W 9
T 10	2 38 15	9° 8'19	20°57	7° 5	1°43	22°29	21°38	3°42	10° 0	19°31	28°32	6°30	7°51	3°44	n.a.	T 10
F 11	2 42 12	10° 9'33	2♉59	8°39	2°56	23°12	21°30	3°47	10° 2	19°32	28°31	6°18	7°48	3°51	n.a.	F 11
S 12	2 46 9	11°10'47	15° 8	10°14	4° 9	23°56	21°23	3°51	10° 4	19°33	28°31	6° 8	7°44	3°57	n.a.	S 12
S 13	2 50 5	12°12'02	27°24	11°49	5°23	24°40	21°15	3°55	10° 6	19°33	28°30	5°59	7°41	4° 4	n.a.	S 13
M14	2 54 2	13°13'17	9♊50	13°24	6°36	25°23	21° 7	3°59	10° 8	19°34	28°29	5°53	7°38	4°11	n.a.	M14
T 15	2 57 58	14°14'33	22°25	14°59	7°49	26° 7	20°59	4° 3	10°11	19°34	28°28	5°50	7°35	4°18	n.a.	T 15
W16	3 1 55	15°15'50	5♋11	16°35	9° 3	26°51	20°51	4° 7	10°13	19°35	28°27	5°D49	7°32	4°24	n.a.	W16
T 17	3 5 51	16°17'06	18°10	18°10	10°17	27°35	20°43	4°10	10°15	19°35	28°26	5°50	7°29	4°31	n.a.	T 17
F 18	3 9 48	17°18'24	1♌25	19°46	11°30	28°19	20°34	4°14	10°18	19°36	28°25	5°51	7°25	4°38	n.a.	F 18
S 19	3 13 45	18°19'41	14°58	21°22	12°44	29° 3	20°26	4°18	10°20	19°36	28°24	5°R52	7°22	4°45	n.a.	S 19
S 20	3 17 41	19°20'59	28°50	22°59	13°58	29°47	20°18	4°21	10°22	19°37	28°23	5°51	7°19	4°51	n.a.	S 20
M21	3 21 38	20°22'18	13♍ 2	24°36	15°11	0♏31	20°10	4°24	10°25	19°37	28°22	5°49	7°16	4°58	n.a.	M21
T 22	3 25 34	21°23'36	27°32	26°12	16°25	1°15	20° 2	4°28	10°27	19°37	28°21	5°45	7°13	5° 5	n.a.	T 22
W23	3 29 31	22°24'55	12♎17	27°50	17°39	1°59	19°54	4°31	10°30	19°38	28°20	5°39	7°10	5°11	n.a.	W23
T 24	3 33 27	23°26'14	27° 9	29°27	18°53	2°44	19°46	4°34	10°33	19°38	28°19	5°32	7° 6	5°18	n.a.	T 24
F 25	3 37 24	24°27'34	12♏ 2	1♐ 5	20° 7	3°28	19°37	4°37	10°35	19°38	28°18	5°25	7° 3	5°25	n.a.	F 25
S 26	3 41 20	25°28'53	26°46	2°43	21°21	4°12	19°29	4°40	10°38	19°38	28°17	5°20	7° 0	5°32	n.a.	S 26
S 27	3 45 17	26°30'12	11♐13	4°21	22°35	4°57	19°21	4°43	10°40	19°38	28°16	5°15	6°57	5°38	n.a.	S 27
M28	3 49 14	27°31'31	25°18	6° 0	23°49	5°41	19°13	4°46	10°43	19°39	28°14	5°13	6°54	5°45	n.a.	M28
T 29	3 53 10	28°32'49	8♑57	7°39	25° 3	6°25	19° 5	4°48	10°46	19°39	28°13	5°D13	6°50	5°52	n.a.	T 29
W30	3 57 7	29♏34'07	22♑10	9♐17	26♎17	7♏10	18♉57	4♍51	10♑49	19♌39	28♊12	5♑14	6♑47	5♈59	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s38	24s21	0s32	8s53	0n11	5n26	1n53	6s 1	0n23	18n 7	0s39	12n34	2n 9	23s59	0s32	16n27	1n16	29n14	5n26	23s37	23s33	5n47		n.a.
W 2	12 0	22 26	0n37	9 35	0 5	4 58	1 54	6 19	0 22	18 5	0 39	12 32	2 9	23 59	0 32	16 26	1 16	29 15	5 26	23 37	23 33	5 50		n.a.
T 3	12 21	19 25	1 43	10 16	0s 2	4 30	1 55	6 36	0 22	18 4	0 39	12 31	2 10	23 59	0 32	16 26	1 16	29 15	5 26	23 37	23 33	5 53		n.a.
F 4	12 43	15 36	2 42	10 56	0 8	4 1	1 56	6 54	0 21	18 2	0 39	12 29	2 10	23 59	0 32	16 26	1 16	29 15	5 26	23 37	23 34	5 55		n.a.
S 5	13 4	11 13	3 33	11 36	0 15	3 33	1 57	7 11	0 21	18 0	0 39	12 28	2 10	23 59	0 32	16 26	1 16	29 15	5 27	23 37	23 34	5 58		n.a.
S 6	13 25	6 29	4 13	12 16	0 21	3 4	1 57	7 28	0 20	17 58	0 39	12 26	2 10	23 58	0 32	16 25	1 17	29 15	5 27	23 37	23 34	6 1		n.a.
M 7	13 45	1 34	4 42	12 55	0 28	2 35	1 58	7 45	0 19	17 56	0 39	12 25	2 11	23 58	0 32	16 25	1 17	29 15	5 27	23 38	23 34	6 4		n.a.
T 8	14 6	3n24	4 59	13 34	0 34	2 6	1 58	8 2	0 19	17 54	0 39	12 23	2 11	23 58	0 32	16 25	1 17	29 16	5 27	23 38	23 34	6 7		n.a.
W 9	14 26	8 15	5 3	14 12	0 40	1 37	1 59	8 20	0 18	17 53	0 38	12 22	2 11	23 58	0 32	16 25	1 17	29 16	5 27	23 39	23 35	6 9		n.a.
T 10	14 46	12 50	4 54	14 49	0 46	1 7	1 59	8 37	0 18	17 51	0 38	12 20	2 11	23 58	0 32	16 25	1 17	29 16	5 27	23 39	23 35	6 12		n.a.
F 11	15 6	16 57	4 32	15 26	0 52	0 38	1 59	8 54	0 17	17 49	0 38	12 19	2 12	23 58	0 32	16 24	1 17	29 16	5 28	23 40	23 35	6 15		n.a.
S 12	15 25	20 24	3 57	16 2	0 58	0 9	1 59	9 11	0 16	17 47	0 38	12 18	2 12	23 57	0 32	16 24	1 17	29 16	5 28	23 40	23 35	6 18		n.a.
S 13	15 44	22 59	3 11	16 38	1 4	0s21	1 59	9 27	0 16	17 45	0 38	12 16	2 12	23 57	0 32	16 24	1 17	29 17	5 28	23 41	23 35	6 20		n.a.
M14	16 3	24 30	2 15	17 12	1 9	0 50	1 59	9 44	0 15	17 43	0 38	12 15	2 12	23 57	0 32	16 24	1 17	29 17	5 28	23 41	23 36	6 23		n.a.
T 15	16 22	24 47	1 11	17 46	1 15	1 20	1 59	10 1	0 14	17 41	0 38	12 14	2 13	23 57	0 32	16 24	1 17	29 17	5 28	23 41	23 36	6 26		n.a.
W16	16 40	23 46	0 3	18 20	1 20	1 49	1 59	10 18	0 14	17 39	0 38	12 13	2 13	23 57	0 32	16 24	1 17	29 17	5 29	23 41	23 36	6 29		n.a.
T 17	16 58	21 28	1s 6	18 52	1 25	2 19	1 59	10 34	0 13	17 37	0 37	12 12	2 13	23 56	0 32	16 24	1 17	29 17	5 29	23 41	23 36	6 31		n.a.
F 18	17 16	17 59	2 14	19 23	1 29	2 49	1 58	10 51	0 12	17 35	0 37	12 10	2 13	23 56	0 32	16 24	1 17	29 17	5 29	23 41	23 36	6 34		n.a.
S 19	17 33	13 30	3 15	19 54	1 34	3 18	1 58	11 7	0 12	17 33	0 37	12 9	2 14	23 56	0 32	16 23	1 17	29 18	5 29	23 41	23 37	6 37		n.a.
S 20	17 50	8 13	4 7	20 24	1 38	3 48	1 57	11 24	0 11	17 31	0 37	12 8	2 14	23 56	0 32	16 23	1 17	29 18	5 29	23 41	23 37	6 40		n.a.
M21	18 7	2 24	4 45	20 52	1 42	4 17	1 56	11 40	0 11	17 28	0 37	12 7	2 14	23 56	0 32	16 23	1 17	29 18	5 29	23 41	23 37	6 42		n.a.
T 22	18 24	3s40	5 5	21 20	1 46	4 47	1 56	11 56	0 10	17 26	0 37	12 6	2 14	23 55	0 32	16 23	1 17	29 18	5 30	23 41	23 37	6 45		n.a.
W23	18 40	9 37	5 7	21 46	1 50	5 16	1 55	12 13	0 9	17 24	0 37	12 5	2 15	23 55	0 32	16 23	1 17	29 18	5 30	23 42	23 37	6 48		n.a.
T 24	18 56	15 4	4 47	22 11	1 53	5 46	1 54	12 29	0 9	17 22	0 36	12 4	2 15	23 55	0 32	16 23	1 18	29 18	5 30	23 42	23 37	6 51		n.a.
F 25	19 11	19 37	4 8	22 35	1 56	6 15	1 53	12 45	0 8	17 20	0 36	12 4	2 15	23 55	0 32	16 23	1 18	29 18	5 30	23 42	23 38	6 53		n.a.
S 26	19 26	22 52	3 13	22 58	1 58	6 44	1 52	13 0	0 7	17 18	0 36	12 3	2 15	23 54	0 32	16 23	1 18	29 19	5 30	23 43	23 38	6 56		n.a.
S 27	19 41	24 34	2 7	23 19	2 1	7 13	1 50	13 16	0 7	17 16	0 36	12 2	2 16	23 54	0 31	16 23	1 18	29 19	5 30	23 43	23 38	6 59		n.a.
M28	19 55	24 38	0 54	23 40	2 3	7 42	1 49	13 32	0 6	17 14	0 36	12 1	2 16	23 54	0 31	16 23	1 18	29 19	5 31	23 43	23 38	7 2		n.a.
T 29	20 9	23 10	0n20	23 58	2 4	8 10	1 48	13 47	0 5	17 12	0 36	12 0	2 16	23 54	0 31	16 23	1 18	29 19	5 31	23 43	23 38	7 4		n.a.
W30	20s23	20s28	1n31	24s15	2s 5	8s39	1n47	14s 3	0n 5	17n10	0s35	12n 0	2n17	23s54	0s31	16n23	1n18	29n19	5n31	23s43	23s38	7n 7		n.a.

Julian Day Number = 1347346.5, Delta T = 07h10m24s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'52, Lahiri = -18°05'51 Julian Calendar 1 Nov. 1025 BCE == Greg. Calendar 22 Oct. 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1025 BCE
geocentric

DECEMBER 1025 BCE (-1024) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 1 3	0♐35'25	4♒59	10♐56	27♎31	7♏54	18°R50	4♍53	10♑52	19°R39	28°R11	5♑16	6♑44	6♈ 5	n.a.	T 1
F 2	4 5 0	1°36'41	17°27	12°35	28°45	8°39	18♉42	4°55	10°54	19♌39	28♊10	5°17	6°41	6°12	n.a.	F 2
S 3	4 8 56	2°37'57	29°39	14°14	29°59	9°23	18°34	4°58	10°57	19°39	28° 8	5°R18	6°38	6°19	n.a.	S 3
S 4	4 12 53	3°39'13	11♓39	15°53	1♏13	10° 8	18°26	5° 0	11° 0	19°38	28° 7	5°18	6°35	6°25	n.a.	S 4
M 5	4 16 50	4°40'27	23°33	17°31	2°27	10°53	18°19	5° 2	11° 3	19°38	28° 6	5°16	6°31	6°32	n.a.	M 5
T 6	4 20 46	5°41'41	5♈24	19° 9	3°41	11°37	18°11	5° 4	11° 6	19°38	28° 5	5°13	6°28	6°39	n.a.	T 6
W 7	4 24 43	6°42'54	17°18	20°47	4°56	12°22	18° 4	5° 6	11° 9	19°38	28° 3	5° 8	6°25	6°46	n.a.	W 7
T 8	4 28 39	7°44'06	29°17	22°23	6°10	13° 7	17°57	5° 7	11°12	19°38	28° 2	5° 4	6°22	6°52	n.a.	T 8
F 9	4 32 36	8°45'17	11♉25	23°59	7°24	13°52	17°50	5° 9	11°15	19°37	28° 1	4°59	6°19	6°59	n.a.	F 9
S 10	4 36 32	9°46'28	23°44	25°33	8°38	14°36	17°43	5°10	11°18	19°37	28° 0	4°54	6°16	7° 6	n.a.	S 10
S 11	4 40 29	10°47'37	6♊14	27° 6	9°53	15°21	17°36	5°12	11°21	19°37	27°58	4°51	6°12	7°13	n.a.	S 11
M12	4 44 25	11°48'46	18°57	28°36	11° 7	16° 6	17°29	5°13	11°24	19°36	27°57	4°49	6° 9	7°19	n.a.	M12
T 13	4 48 22	12°49'55	1♋53	0♑ 4	12°21	16°51	17°22	5°14	11°27	19°36	27°56	4°D48	6° 6	7°26	n.a.	T 13
W14	4 52 19	13°51'02	15° 1	1°29	13°35	17°36	17°16	5°15	11°31	19°36	27°54	4°48	6° 3	7°33	n.a.	W14
T 15	4 56 15	14°52'09	28°21	2°51	14°50	18°21	17° 9	5°16	11°34	19°35	27°53	4°49	6° 0	7°39	n.a.	T 15
F 16	5 0 12	15°53'15	11♌54	4° 8	16° 4	19° 6	17° 3	5°17	11°37	19°35	27°52	4°51	5°56	7°46	n.a.	F 16
S 17	5 4 8	16°54'20	25°38	5°21	17°18	19°51	16°57	5°18	11°40	19°34	27°50	4°52	5°53	7°53	n.a.	S 17
S 18	5 8 5	17°55'25	9♍33	6°28	18°33	20°36	16°51	5°19	11°43	19°34	27°49	4°53	5°50	8° 0	n.a.	S 18
M19	5 12 1	18°56'29	23°39	7°28	19°47	21°21	16°45	5°19	11°47	19°33	27°48	4°R53	5°47	8° 6	n.a.	M19
T 20	5 15 58	19°57'32	7♎54	8°22	21° 2	22° 7	16°39	5°20	11°50	19°32	27°46	4°52	5°44	8°13	n.a.	T 20
W21	5 19 55	20°58'34	22°16	9° 7	22°16	22°52	16°33	5°20	11°53	19°32	27°45	4°51	5°41	8°20	n.a.	W21
T 22	5 23 51	21°59'35	6♏40	9°43	23°30	23°37	16°28	5°20	11°57	19°31	27°43	4°49	5°37	8°26	n.a.	T 22
F 23	5 27 48	23° 0'36	21° 2	10°10	24°45	24°22	16°23	5°21	12° 0	19°30	27°42	4°48	5°34	8°33	n.a.	F 23
S 24	5 31 44	24° 1'35	5♐18	10°26	25°59	25° 8	16°18	5°R21	12° 3	19°30	27°41	4°46	5°31	8°40	n.a.	S 24
S 25	5 35 41	25° 2'34	19°23	10°R32	27°14	25°53	16°13	5°21	12° 7	19°29	27°39	4°46	5°28	8°47	n.a.	S 25
M26	5 39 37	26° 3'31	3♑12	10°26	28°28	26°38	16° 8	5°20	12°10	19°28	27°38	4°D45	5°25	8°53	n.a.	M26
T 27	5 43 34	27° 4'27	16°42	10° 9	29°42	27°24	16° 3	5°20	12°13	19°27	27°36	4°45	5°22	9° 0	n.a.	T 27
W28	5 47 30	28° 5'22	29°51	9°41	0♐57	28° 9	15°59	5°20	12°17	19°26	27°35	4°46	5°18	9° 7	n.a.	W28
T 29	5 51 27	29° 6'14	12♒41	9° 3	2°11	28°55	15°55	5°19	12°20	19°25	27°34	4°47	5°15	9°14	n.a.	T 29
F 30	5 55 24	0♑ 7'06	25°12	8°15	3°26	29°40	15°51	5°19	12°23	19°25	27°32	4°47	5°12	9°20	n.a.	F 30
S 31	5 59 20	1♑ 7'55	7♓27	7♑20	4♐40	0♐26	15♉47	5♍18	12♑27	19♌24	27♊31	4♑48	5♑ 9	9♈27	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20s36	16s49	2n35	24s31	2s 6	9s 7	1n45	14s18	0n 4	17n 8	0s35	11n59	2n17	23s53	0s31	16n23	1n18	29n19	5n31	23s43	23s39	7n10			n.a.
F 2	20 49	12 31	3 30	24 45	2 6	9 35	1 44	14 33	0 3	17 6	0 35	11 58	2 17	23 53	0 31	16 23	1 18	29 19	5 31	23 43	23 39	7 13			n.a.
S 3	21 1	7 49	4 14	24 57	2 5	10 3	1 42	14 49	0 2	17 4	0 35	11 58	2 17	23 53	0 31	16 23	1 18	29 20	5 31	23 43	23 39	7 15			n.a.
S 4	21 13	2 54	4 46	25 7	2 4	10 31	1 40	15 4	0 2	17 2	0 35	11 57	2 18	23 53	0 31	16 24	1 18	29 20	5 31	23 43	23 39	7 18			n.a.
M 5	21 24	2n 4	5 6	25 16	2 3	10 58	1 39	15 18	0 1	17 0	0 34	11 57	2 18	23 52	0 31	16 24	1 18	29 20	5 32	23 43	23 39	7 21			n.a.
T 6	21 36	6 57	5 13	25 22	2 1	11 26	1 37	15 33	0 0	16 58	0 34	11 56	2 18	23 52	0 31	16 24	1 18	29 20	5 32	23 43	23 39	7 23			n.a.
W 7	21 46	11 35	5 6	25 27	1 58	11 53	1 35	15 48	0s 0	16 56	0 34	11 56	2 18	23 52	0 31	16 24	1 18	29 20	5 32	23 43	23 40	7 26			n.a.
T 8	21 57	15 49	4 45	25 30	1 55	12 19	1 33	16 2	0 1	16 54	0 34	11 56	2 19	23 51	0 31	16 24	1 18	29 20	5 32	23 43	23 40	7 29			n.a.
F 9	22 7	19 29	4 12	25 31	1 50	12 46	1 31	16 17	0 2	16 53	0 34	11 55	2 19	23 51	0 31	16 24	1 18	29 20	5 32	23 43	23 40	7 31			n.a.
S 10	22 16	22 20	3 27	25 30	1 45	13 12	1 29	16 31	0 2	16 51	0 33	11 55	2 19	23 51	0 31	16 24	1 18	29 20	5 32	23 43	23 40	7 34			n.a.
S 11	22 25	24 10	2 31	25 27	1 40	13 38	1 27	16 45	0 3	16 49	0 33	11 55	2 20	23 51	0 31	16 24	1 18	29 20	5 32	23 44	23 40	7 37			n.a.
M12	22 34	24 47	1 26	25 22	1 33	14 3	1 25	16 59	0 4	16 47	0 33	11 54	2 20	23 50	0 31	16 25	1 18	29 21	5 33	23 44	23 40	7 40			n.a.
T 13	22 42	24 4	0 16	25 14	1 25	14 28	1 23	17 12	0 5	16 45	0 33	11 54	2 20	23 50	0 31	16 25	1 19	29 21	5 33	23 44	23 40	7 42			n.a.
W14	22 49	22 2	0s56	25 5	1 17	14 53	1 21	17 26	0 5	16 44	0 33	11 54	2 20	23 50	0 31	16 25	1 19	29 21	5 33	23 44	23 41	7 45			n.a.
T 15	22 57	18 45	2 6	24 55	1 7	15 18	1 18	17 40	0 6	16 42	0 32	11 54	2 21	23 50	0 31	16 25	1 19	29 21	5 33	23 44	23 41	7 48			n.a.
F 16	23 3	14 27	3 11	24 42	0 57	15 42	1 16	17 53	0 7	16 41	0 32	11 54	2 21	23 49	0 31	16 25	1 19	29 21	5 33	23 44	23 41	7 50			n.a.
S 17	23 10	9 20	4 5	24 28	0 46	16 5	1 14	18 6	0 7	16 39	0 32	11 54	2 21	23 49	0 31	16 26	1 19	29 21	5 33	23 44	23 41	7 53			n.a.
S 18	23 16	3 42	4 46	24 12	0 33	16 28	1 12	18 19	0 8	16 37	0 32	11 54	2 22	23 49	0 31	16 26	1 19	29 21	5 33	23 44	23 41	7 56			n.a.
M19	23 21	2s10	5 10	23 56	0 19	16 51	1 9	18 32	0 9	16 36	0 32	11 54	2 22	23 48	0 31	16 26	1 19	29 21	5 33	23 44	23 41	7 58			n.a.
T 20	23 26	8 0	5 15	23 38	0 5	17 14	1 7	18 44	0 10	16 34	0 31	11 54	2 22	23 48	0 31	16 26	1 19	29 21	5 33	23 44	23 41	8 1			n.a.
W21	23 30	13 27	5 2	23 19	0n11	17 35	1 4	18 57	0 10	16 33	0 31	11 54	2 22	23 48	0 31	16 26	1 19	29 21	5 33	23 44	23 42	8 4			n.a.
T 22	23 34	18 10	4 29	23 0	0 27	17 57	1 2	19 9	0 11	16 32	0 31	11 54	2 23	23 47	0 31	16 27	1 19	29 21	5 34	23 44	23 42	8 6			n.a.
F 23	23 38	21 49	3 39	22 41	0 44	18 18	0 59	19 21	0 12	16 30	0 31	11 55	2 23	23 47	0 31	16 27	1 19	29 21	5 34	23 44	23 42	8 9			n.a.
S 24	23 41	24 5	2 36	22 22	1 2	18 38	0 57	19 33	0 13	16 29	0 31	11 55	2 23	23 47	0 31	16 27	1 19	29 21	5 34	23 44	23 42	8 12			n.a.
S 25	23 43	24 47	1 24	22 4	1 20	18 58	0 54	19 45	0 13	16 28	0 30	11 55	2 24	23 47	0 31	16 28	1 19	29 22	5 34	23 44	23 42	8 14			n.a.
M26	23 45	23 55	0 9	21 46	1 38	19 18	0 52	19 56	0 14	16 27	0 30	11 55	2 24	23 46	0 31	16 28	1 19	29 22	5 34	23 44	23 42	8 17			n.a.
T 27	23 47	21 40	1n 6	21 29	1 57	19 37	0 49	20 8	0 15	16 26	0 30	11 56	2 24	23 46	0 31	16 28	1 19	29 22	5 34	23 44	23 42	8 20			n.a.
W28	23 48	18 18	2 15	21 13	2 15	19 55	0 46	20 19	0 16	16 24	0 30	11 56	2 24	23 46	0 31	16 29	1 19	29 22	5 34	23 44	23 43	8 22			n.a.
T 29	23 49	14 9	3 15	20 59	2 32	20 13	0 44	20 30	0 16	16 23	0 30	11 57	2 25	23 45	0 31	16 29	1 19	29 22	5 34	23 44	23 43	8 25			n.a.
F 30	23 49	9 29	4 5	20 46	2 48	20 30	0 41	20 41	0 17	16 22	0 29	11 57	2 25	23 45	0 31	16 29	1 19	29 22	5 34	23 44	23 43	8 28			n.a.
S 31	23s49	4s33	4n42	20s34	3n 2	20s47	0n38	20s51	0s18	16n22	0s29	11n58	2n25	23s45	0s31	16n30	1n19	29n22	5n34	23s44	23s43	8n30			n.a.

Julian Day Number = 1347376.5, Delta T = 07h10m23s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'48, Lahiri = -18°05'47 Julian Calendar 1 Dec. 1025 BCE == Greg. Calendar 21 Nov. 1025 BCE

The year -1024 astronomical counting style corresponds to year 1025 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

JANUARY 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 3 17	2♉ 8'43	19♓30	6°R17	5♐54	1♐11	15°R43	5°R17	12♉30	19°R23	27°R30	4♉48	5♉ 6	9♈34	n.a.	S 1
M 2	6 7 13	3° 9'29	1♈25	5♉10	7° 9	1°57	15♉40	5♍16	12°34	19♎22	27♊28	4°R48	5° 2	9°40	n.a.	M 2
T 3	6 11 10	4°10'13	13°18	3°59	8°23	2°42	15°36	5°15	12°37	19°21	27°27	4°48	4°59	9°47	n.a.	T 3
W 4	6 15 6	5°10'56	25°12	2°48	9°37	3°28	15°33	5°14	12°41	19°19	27°25	4°D48	4°56	9°54	n.a.	W 4
T 5	6 19 3	6°11'36	7♉12	1°38	10°52	4°14	15°30	5°13	12°44	19°18	27°24	4°48	4°53	10° 1	n.a.	T 5
F 6	6 22 59	7°12'15	19°23	0°31	12° 6	4°59	15°28	5°12	12°47	19°17	27°23	4°48	4°50	10° 7	n.a.	F 6
S 7	6 26 56	8°12'52	1♊48	29♐28	13°21	5°45	15°25	5°10	12°51	19°16	27°21	4°49	4°47	10°14	n.a.	S 7
S 8	6 30 53	9°13'28	14°29	28°30	14°35	6°31	15°23	5° 9	12°54	19°15	27°20	4°49	4°43	10°21	n.a.	S 8
M 9	6 34 49	10°14'01	27°27	27°39	15°49	7°16	15°21	5° 7	12°58	19°14	27°19	4°49	4°40	10°28	n.a.	M 9
T 10	6 38 46	11°14'33	10♋44	26°55	17° 4	8° 2	15°19	5° 5	13° 1	19°13	27°17	4°R49	4°37	10°34	n.a.	T 10
W11	6 42 42	12°15'03	24°17	26°18	18°18	8°48	15°17	5° 4	13° 5	19°11	27°16	4°49	4°34	10°41	n.a.	W11
T 12	6 46 39	13°15'31	8♌ 6	25°49	19°32	9°34	15°16	5° 2	13° 8	19°10	27°15	4°48	4°31	10°48	n.a.	T 12
F 13	6 50 35	14°15'58	22° 6	25°28	20°47	10°20	15°14	5° 0	13°12	19° 9	27°13	4°47	4°28	10°54	n.a.	F 13
S 14	6 54 32	15°16'23	6♍15	25°14	22° 1	11° 5	15°13	4°58	13°15	19° 8	27°12	4°46	4°24	11° 1	n.a.	S 14
S 15	6 58 29	16°16'46	20°28	25°D 8	23°15	11°51	15°12	4°55	13°19	19° 6	27°11	4°45	4°21	11° 8	n.a.	S 15
M16	7 2 25	17°17'08	4♎42	25° 8	24°30	12°37	15°11	4°53	13°22	19° 5	27° 9	4°44	4°18	11°15	n.a.	M16
T 17	7 6 22	18°17'28	18°55	25°16	25°44	13°23	15°11	4°51	13°26	19° 4	27° 8	4°D43	4°15	11°21	n.a.	T 17
W18	7 10 18	19°17'47	3♏ 4	25°29	26°58	14° 9	15°11	4°48	13°29	19° 2	27° 7	4°44	4°12	11°28	n.a.	W18
T 19	7 14 15	20°18'04	17° 7	25°48	28°13	14°55	15°D10	4°46	13°32	19° 1	27° 5	4°45	4° 8	11°35	n.a.	T 19
F 20	7 18 11	21°18'20	1♐ 3	26°13	29°27	15°41	15°10	4°43	13°36	18°59	27° 4	4°46	4° 5	11°42	n.a.	F 20
S 21	7 22 8	22°18'33	14°49	26°42	0♉41	16°27	15°11	4°40	13°39	18°58	27° 3	4°47	4° 2	11°48	n.a.	S 21
S 22	7 26 4	23°18'46	28°25	27°17	1°56	17°13	15°11	4°38	13°43	18°57	27° 2	4°R48	3°59	11°55	n.a.	S 22
M23	7 30 1	24°18'56	11♉49	27°55	3°10	17°59	15°12	4°35	13°46	18°55	27° 1	4°48	3°56	12° 2	n.a.	M23
T 24	7 33 58	25°19'04	24°59	28°38	4°24	18°45	15°13	4°32	13°50	18°54	26°59	4°47	3°53	12° 8	n.a.	T 24
W25	7 37 54	26°19'10	7♒55	29°25	5°39	19°31	15°14	4°29	13°53	18°52	26°58	4°45	3°49	12°15	n.a.	W25
T 26	7 41 51	27°19'14	20°35	0♉14	6°53	20°17	15°15	4°26	13°56	18°51	26°57	4°41	3°46	12°22	n.a.	T 26
F 27	7 45 47	28°19'16	3♓ 2	1° 8	8° 7	21° 3	15°16	4°22	14° 0	18°49	26°56	4°38	3°43	12°29	n.a.	F 27
S 28	7 49 44	29°19'16	15°16	2° 4	9°22	21°50	15°18	4°19	14° 3	18°48	26°55	4°33	3°40	12°35	n.a.	S 28
S 29	7 53 40	0♒19'13	27°19	3° 3	10°36	22°36	15°20	4°16	14° 7	18°46	26°54	4°30	3°37	12°42	n.a.	S 29
M30	7 57 37	1°19'09	9♈15	4° 4	11°50	23°22	15°22	4°12	14°10	18°45	26°52	4°27	3°34	12°49	n.a.	M30
T 31	8 1 33	2♒19'01	21♈ 7	5♉ 8	13♉ 4	24♐ 8	15♉24	4♍ 9	14♉13	18♎43	26♊51	4♉25	3♉30	12♈55	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s48	0n27	5n 6	20s25	3n15	21s 3	0n36	21s 1	0s19	16n21	0s29	11n58	2n26	23s44	0s31	16n30	1n19	29n22	5n34	23s44	23s43	8n33			n.a.
M 2	23 47	5 24	5 17	20 17	3 26	21 18	0 33	21 12	0 19	16 20	0 29	11 59	2 26	23 44	0 31	16 30	1 19	29 22	5 34	23 44	23 43	8 35			n.a.
T 3	23 45	10 8	5 14	20 10	3 35	21 33	0 30	21 21	0 20	16 19	0 28	12 0	2 26	23 44	0 31	16 31	1 20	29 22	5 34	23 44	23 43	8 38			n.a.
W 4	23 43	14 30	4 57	20 6	3 41	21 47	0 27	21 31	0 21	16 18	0 28	12 0	2 26	23 43	0 31	16 31	1 20	29 22	5 35	23 44	23 43	8 41			n.a.
T 5	23 40	18 20	4 28	20 3	3 45	22 1	0 25	21 41	0 22	16 18	0 28	12 1	2 27	23 43	0 31	16 31	1 20	29 22	5 35	23 44	23 44	8 43			n.a.
F 6	23 37	21 28	3 46	20 2	3 47	22 14	0 22	21 50	0 22	16 17	0 28	12 2	2 27	23 43	0 31	16 32	1 20	29 22	5 35	23 44	23 44	8 46			n.a.
S 7	23 33	23 40	2 53	20 2	3 47	22 26	0 19	21 59	0 23	16 17	0 28	12 2	2 27	23 42	0 31	16 32	1 20	29 22	5 35	23 44	23 44	8 49			n.a.
S 8	23 29	24 44	1 50	20 5	3 44	22 38	0 17	22 8	0 24	16 16	0 27	12 3	2 28	23 42	0 31	16 33	1 20	29 22	5 35	23 44	23 44	8 51			n.a.
M 9	23 25	24 28	0 41	20 8	3 40	22 49	0 14	22 16	0 25	16 16	0 27	12 4	2 28	23 42	0 31	16 33	1 20	29 22	5 35	23 44	23 44	8 54			n.a.
T 10	23 20	22 50	0s33	20 13	3 34	22 59	0 11	22 25	0 25	16 15	0 27	12 5	2 28	23 41	0 31	16 33	1 20	29 22	5 35	23 44	23 44	8 56			n.a.
W11	23 15	19 52	1 46	20 20	3 26	23 9	0 8	22 33	0 26	16 15	0 27	12 6	2 28	23 41	0 31	16 34	1 20	29 22	5 35	23 44	23 44	8 59			n.a.
T 12	23 9	15 44	2 54	20 28	3 17	23 18	0 6	22 41	0 27	16 15	0 26	12 7	2 29	23 41	0 31	16 34	1 20	29 22	5 35	23 44	23 44	9 2			n.a.
F 13	23 2	10 42	3 53	20 37	3 8	23 26	0 3	22 48	0 28	16 15	0 26	12 8	2 29	23 40	0 31	16 35	1 20	29 22	5 35	23 44	23 44	9 4			n.a.
S 14	22 56	5 4	4 38	20 46	2 57	23 34	0 0	22 56	0 28	16 15	0 26	12 9	2 29	23 40	0 31	16 35	1 20	29 22	5 35	23 44	23 45	9 7			n.a.
S 15	22 48	0s51	5 7	20 57	2 47	23 41	0s 2	23 3	0 29	16 14	0 26	12 10	2 29	23 40	0 31	16 36	1 20	29 22	5 35	23 44	23 45	9 9			n.a.
M16	22 41	6 43	5 16	21 9	2 35	23 47	0 5	23 10	0 30	16 14	0 26	12 11	2 30	23 39	0 31	16 36	1 20	29 22	5 35	23 44	23 45	9 12			n.a.
T 17	22 33	12 14	5 7	21 20	2 24	23 52	0 7	23 16	0 31	16 14	0 25	12 12	2 30	23 39	0 31	16 37	1 20	29 22	5 35	23 44	23 45	9 15			n.a.
W18	22 24	17 5	4 39	21 33	2 12	23 57	0 10	23 23	0 31	16 15	0 25	12 13	2 30	23 39	0 31	16 37	1 20	29 22	5 35	23 44	23 45	9 17			n.a.
T 19	22 15	20 57	3 54	21 45	2 0	24 1	0 13	23 29	0 32	16 15	0 25	12 14	2 30	23 38	0 31	16 38	1 20	29 22	5 35	23 44	23 45	9 20			n.a.
F 20	22 6	23 33	2 56	21 58	1 48	24 4	0 15	23 35	0 33	16 15	0 25	12 16	2 31	23 38	0 31	16 38	1 20	29 22	5 35	23 44	23 45	9 22			n.a.
S 21	21 56	24 44	1 48	22 11	1 36	24 7	0 18	23 40	0 34	16 15	0 25	12 17	2 31	23 37	0 31	16 38	1 20	29 22	5 35	23 44	23 45	9 25			n.a.
S 22	21 46	24 24	0 35	22 23	1 24	24 8	0 20	23 46	0 35	16 16	0 24	12 18	2 31	23 37	0 31	16 39	1 20	29 22	5 35	23 44	23 45	9 27			n.a.
M23	21 36	22 39	0n39	22 36	1 12	24 9	0 23	23 51	0 35	16 16	0 24	12 19	2 31	23 37	0 31	16 39	1 20	29 22	5 35	23 44	23 45	9 30			n.a.
T 24	21 25	19 41	1 49	22 48	1 1	24 10	0 25	23 56	0 36	16 16	0 24	12 21	2 31	23 36	0 31	16 40	1 20	29 22	5 35	23 44	23 46	9 33			n.a.
W25	21 13	15 48	2 52	22 59	0 49	24 9	0 28	24 0	0 37	16 17	0 24	12 22	2 32	23 36	0 31	16 40	1 20	29 22	5 35	23 44	23 46	9 35			n.a.
T 26	21 1	11 17	3 46	23 11	0 38	24 8	0 30	24 5	0 38	16 18	0 23	12 23	2 32	23 36	0 31	16 41	1 20	29 22	5 35	23 44	23 46	9 38			n.a.
F 27	20 49	6 24	4 27	23 21	0 28	24 6	0 32	24 9	0 38	16 18	0 23	12 25	2 32	23 35	0 31	16 41	1 20	29 22	5 35	23 44	23 46	9 40			n.a.
S 28	20 37	1 21	4 56	23 31	0 17	24 3	0 35	24 13	0 39	16 19	0 23	12 26	2 32	23 35	0 31	16 42	1 20	29 22	5 35	23 44	23 46	9 43			n.a.
S 29	20 24	3n40	5 11	23 40	0 7	24 0	0 37	24 16	0 40	16 20	0 23	12 28	2 33	23 35	0 31	16 42	1 20	29 22	5 35	23 44	23 46	9 45			n.a.
M30	20 11	8 29	5 12	23 48	0s 3	23 56	0 39	24 19	0 41	16 20	0 23	12 29	2 33	23 34	0 32	16 43	1 20	29 22	5 35	23 44	23 46	9 48			n.a.
T 31	19s57	12n59	5n 0	23s56	0s13	23s51	0s41	24s22	0s41	16n21	0s22	12n31	2n33	23s34	0s32	16n44	1n21	29n22	5n35	23s45	23s46	9n50			n.a.

Julian Day Number = 1347407.5, Delta T = 07h10m21s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'43, Lahiri = -18°05'43 Julian Calendar 1 Jan. 1024 BCE == Greg. Calendar 22 Dec. 1025 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

FEBRUARY 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 5 30	3♒18'52	3♉ 0	6♑15	14♑19	24♐54	15♉27	4°R 5	14♑17	18°R41	26°R50	4°D24	3♑27	13♈ 2	n.a.	W 1
T 2	8 9 26	4°18'40	14°59	7°23	15°33	25°40	15°29	4♍ 2	14°20	18♌40	26♊49	4♑24	3°24	13° 9	n.a.	T 2
F 3	8 13 23	5°18'26	27° 9	8°34	16°47	26°26	15°32	3°58	14°23	18°38	26°48	4°26	3°21	13°16	n.a.	F 3
S 4	8 17 20	6°18'09	9♊34	9°47	18° 1	27°13	15°35	3°54	14°26	18°37	26°47	4°28	3°18	13°22	n.a.	S 4
S 5	8 21 16	7°17'50	22°18	11° 1	19°15	27°59	15°38	3°50	14°30	18°35	26°46	4°29	3°14	13°29	n.a.	S 5
M 6	8 25 13	8°17'29	5♋25	12°18	20°30	28°45	15°41	3°47	14°33	18°33	26°45	4°R30	3°11	13°36	n.a.	M 6
T 7	8 29 9	9°17'05	18°55	13°36	21°44	29°31	15°45	3°43	14°36	18°32	26°44	4°29	3° 8	13°43	n.a.	T 7
W 8	8 33 6	10°16'39	2♌49	14°56	22°58	0♑17	15°49	3°39	14°39	18°30	26°43	4°26	3° 5	13°49	n.a.	W 8
T 9	8 37 2	11°16'11	17° 3	16°17	24°12	1° 4	15°52	3°35	14°43	18°29	26°42	4°22	3° 2	13°56	n.a.	T 9
F 10	8 40 59	12°15'41	1♍32	17°40	25°26	1°50	15°56	3°31	14°46	18°27	26°41	4°16	2°59	14° 3	n.a.	F 10
S 11	8 44 55	13°15'08	16°10	19° 5	26°40	2°36	16° 1	3°26	14°49	18°25	26°40	4°10	2°55	14° 9	n.a.	S 11
S 12	8 48 52	14°14'34	0♎50	20°31	27°55	3°22	16° 5	3°22	14°52	18°24	26°40	4° 5	2°52	14°16	n.a.	S 12
M13	8 52 49	15°13'57	15°25	21°58	29° 9	4° 8	16°10	3°18	14°55	18°22	26°39	4° 0	2°49	14°23	n.a.	M13
T 14	8 56 45	16°13'19	29°49	23°27	0♒23	4°55	16°14	3°14	14°58	18°20	26°38	3°57	2°46	14°30	n.a.	T 14
W15	9 0 42	17°12'39	14♏ 0	24°58	1°37	5°41	16°19	3° 9	15° 1	18°19	26°37	3°D56	2°43	14°36	n.a.	W15
T 16	9 4 38	18°11'57	27°55	26°30	2°51	6°27	16°24	3° 5	15° 4	18°17	26°36	3°56	2°39	14°43	n.a.	T 16
F 17	9 8 35	19°11'13	11♐35	28° 3	4° 5	7°13	16°30	3° 1	15° 7	18°15	26°35	3°57	2°36	14°50	n.a.	F 17
S 18	9 12 31	20°10'28	25° 1	29°38	5°19	8° 0	16°35	2°56	15°10	18°14	26°35	3°58	2°33	14°56	n.a.	S 18
S 19	9 16 28	21° 9'40	8♑13	1♒14	6°34	8°46	16°41	2°52	15°13	18°12	26°34	3°R59	2°30	15° 3	n.a.	S 19
M20	9 20 24	22° 8'50	21°12	2°51	7°48	9°32	16°46	2°47	15°16	18°10	26°33	3°57	2°27	15°10	n.a.	M20
T 21	9 24 21	23° 7'59	4♒ 0	4°30	9° 2	10°18	16°52	2°43	15°19	18° 9	26°33	3°53	2°24	15°17	n.a.	T 21
W22	9 28 17	24° 7'05	16°37	6°10	10°16	11° 5	16°58	2°38	15°22	18° 7	26°32	3°47	2°20	15°23	n.a.	W22
T 23	9 32 14	25° 6'09	29° 4	7°52	11°30	11°51	17° 4	2°34	15°25	18° 5	26°31	3°39	2°17	15°30	n.a.	T 23
F 24	9 36 11	26° 5'11	11♓21	9°35	12°44	12°37	17°11	2°29	15°28	18° 4	26°31	3°29	2°14	15°37	n.a.	F 24
S 25	9 40 7	27° 4'10	23°28	11°19	13°58	13°23	17°17	2°25	15°31	18° 2	26°30	3°19	2°11	15°44	n.a.	S 25
S 26	9 44 4	28° 3'07	5♈28	13° 5	15°12	14°10	17°24	2°20	15°33	18° 1	26°30	3° 9	2° 8	15°50	n.a.	S 26
M27	9 48 0	29° 2'02	17°22	14°52	16°26	14°56	17°31	2°16	15°36	17°59	26°29	3° 0	2° 5	15°57	n.a.	M27
T 28	9 51 57	0♓ 0'55	29♈13	16♒41	17♒40	15♑42	17♉38	2♍11	15♑39	17♌57	26♊29	2♑54	2♑ 1	16♈ 4	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s43	17n 0	4n35	24s 2	0s22	23s45	0s44	24s25	0s42	16n22	0s22	12n32	2n33	23s34	0s32	16n44	1n21	29n22	5n35	23s45	23s46	9n53		n.a.
T 2	19 29	20 23	3 58	24 7	0 31	23 39	0 46	24 28	0 43	16 23	0 22	12 34	2 33	23 33	0 32	16 45	1 21	29 22	5 35	23 45	23 46	9 56		n.a.
F 3	19 14	22 55	3 10	24 12	0 40	23 32	0 48	24 30	0 44	16 24	0 22	12 35	2 34	23 33	0 32	16 45	1 21	29 22	5 35	23 45	23 46	9 58		n.a.
S 4	19 0	24 25	2 12	24 15	0 48	23 24	0 50	24 32	0 44	16 25	0 22	12 37	2 34	23 33	0 32	16 46	1 21	29 22	5 35	23 44	23 47	10 1		n.a.
S 5	18 44	24 41	1 6	24 17	0 56	23 16	0 52	24 33	0 45	16 26	0 21	12 38	2 34	23 32	0 32	16 46	1 21	29 21	5 35	23 44	23 47	10 3		n.a.
M 6	18 29	23 37	0s 5	24 18	1 4	23 7	0 54	24 35	0 46	16 27	0 21	12 40	2 34	23 32	0 32	16 47	1 21	29 21	5 35	23 44	23 47	10 6		n.a.
T 7	18 13	21 10	1 18	24 17	1 11	22 57	0 56	24 36	0 47	16 29	0 21	12 42	2 34	23 32	0 32	16 47	1 21	29 21	5 35	23 44	23 47	10 8		n.a.
W 8	17 57	17 26	2 28	24 15	1 18	22 46	0 57	24 36	0 47	16 30	0 21	12 43	2 34	23 31	0 32	16 48	1 21	29 21	5 35	23 44	23 47	10 11		n.a.
T 9	17 40	12 38	3 31	24 12	1 24	22 35	0 59	24 37	0 48	16 31	0 21	12 45	2 35	23 31	0 32	16 48	1 21	29 21	5 35	23 45	23 47	10 13		n.a.
F 10	17 23	7 2	4 21	24 7	1 30	22 23	1 1	24 37	0 49	16 33	0 20	12 46	2 35	23 31	0 32	16 49	1 21	29 21	5 35	23 45	23 47	10 16		n.a.
S 11	17 6	1 1	4 55	24 1	1 36	22 11	1 3	24 37	0 50	16 34	0 20	12 48	2 35	23 30	0 32	16 49	1 21	29 21	5 35	23 45	23 47	10 18		n.a.
S 12	16 49	5s 3	5 9	23 53	1 41	21 57	1 4	24 37	0 50	16 36	0 20	12 50	2 35	23 30	0 32	16 50	1 21	29 21	5 35	23 45	23 47	10 21		n.a.
M13	16 31	10 49	5 4	23 44	1 46	21 44	1 6	24 36	0 51	16 37	0 20	12 51	2 35	23 30	0 32	16 50	1 21	29 21	5 35	23 45	23 47	10 23		n.a.
T 14	16 13	15 55	4 39	23 34	1 51	21 29	1 7	24 35	0 52	16 39	0 20	12 53	2 35	23 29	0 32	16 51	1 21	29 21	5 35	23 45	23 47	10 26		n.a.
W15	15 55	20 3	3 57	23 21	1 55	21 14	1 9	24 34	0 53	16 40	0 19	12 55	2 35	23 29	0 32	16 51	1 21	29 21	5 35	23 45	23 47	10 28		n.a.
T 16	15 37	22 58	3 2	23 7	1 59	20 58	1 10	24 33	0 53	16 42	0 19	12 57	2 36	23 29	0 32	16 52	1 21	29 21	5 35	23 45	23 47	10 31		n.a.
F 17	15 18	24 29	1 58	22 52	2 2	20 42	1 12	24 31	0 54	16 44	0 19	12 58	2 36	23 28	0 32	16 53	1 21	29 21	5 35	23 45	23 47	10 33		n.a.
S 18	14 59	24 32	0 48	22 35	2 5	20 25	1 13	24 29	0 55	16 45	0 19	13 0	2 36	23 28	0 32	16 53	1 21	29 21	5 34	23 45	23 48	10 36		n.a.
S 19	14 40	23 11	0n23	22 16	2 7	20 7	1 14	24 27	0 56	16 47	0 19	13 2	2 36	23 28	0 32	16 54	1 21	29 21	5 34	23 45	23 48	10 38		n.a.
M20	14 21	20 37	1 32	21 55	2 9	19 49	1 15	24 24	0 56	16 49	0 19	13 4	2 36	23 27	0 32	16 54	1 21	29 21	5 34	23 45	23 48	10 41		n.a.
T 21	14 1	17 4	2 34	21 33	2 10	19 31	1 17	24 22	0 57	16 51	0 18	13 5	2 36	23 27	0 32	16 55	1 21	29 20	5 34	23 46	23 48	10 43		n.a.
W22	13 41	12 47	3 29	21 9	2 11	19 12	1 18	24 18	0 58	16 53	0 18	13 7	2 36	23 27	0 32	16 55	1 21	29 20	5 34	23 46	23 48	10 46		n.a.
T 23	13 21	8 3	4 12	20 43	2 12	18 52	1 19	24 15	0 59	16 55	0 18	13 9	2 36	23 26	0 32	16 56	1 21	29 20	5 34	23 46	23 48	10 48		n.a.
F 24	13 1	3 4	4 43	20 15	2 12	18 32	1 20	24 11	0 59	16 57	0 18	13 10	2 36	23 26	0 32	16 56	1 21	29 20	5 34	23 46	23 48	10 51		n.a.
S 25	12 41	1n57	5 1	19 46	2 12	18 11	1 21	24 8	1 0	16 59	0 18	13 12	2 36	23 26	0 32	16 57	1 21	29 20	5 34	23 47	23 48	10 53		n.a.
S 26	12 20	6 51	5 5	19 14	2 11	17 50	1 21	24 3	1 1	17 1	0 18	13 14	2 36	23 25	0 32	16 57	1 21	29 20	5 34	23 47	23 48	10 55		n.a.
M27	12 0	11 28	4 56	18 41	2 9	17 28	1 22	23 59	1 1	17 3	0 17	13 16	2 37	23 25	0 32	16 58	1 21	29 20	5 34	23 47	23 48	10 58		n.a.
T 28	11s39	15n37	4n34	18s 6	2s 7	17s 5	1s23	23s54	1s 2	17n 5	0s17	13n17	2n37	23s25	0s32	16n58	1n21	29n20	5n34	23s47	23s48	11n 0		n.a.

Julian Day Number = 1347438.5, Delta T = 07h10m19s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'39, Lahiri = -18°05'39 Julian Calendar 1 Feb. 1024 BCE == Greg. Calendar 22 Jan. 1024 BCE

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

MARCH 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 55 53	0♓59'45	11♉ 5	18♒31	18♒54	16♑28	17♉45	2°R 7	15♑41	17°R56	26°R28	2°R49	1♑58	16♈10	n.a.	W 1
T 2	9 59 50	1°58'33	23° 1	20°23	20° 8	17°14	17°52	2♍ 2	15°44	17♌54	26♊28	2♑47	1°55	16°17	n.a.	T 2
F 3	10 3 46	2°57'18	5♊ 8	22°16	21°22	18° 0	17°59	1°57	15°47	17°53	26°27	2°D46	1°52	16°24	n.a.	F 3
S 4	10 7 43	3°56'02	17°30	24°10	22°36	18°47	18° 7	1°53	15°49	17°51	26°27	2°47	1°49	16°31	n.a.	S 4
S 5	10 11 39	4°54'43	0♋12	26° 6	23°50	19°33	18°14	1°48	15°52	17°49	26°26	2°R48	1°45	16°37	n.a.	S 5
M 6	10 15 36	5°53'21	13°18	28° 4	25° 4	20°19	18°22	1°44	15°54	17°48	26°26	2°47	1°42	16°44	n.a.	M 6
T 7	10 19 33	6°51'57	26°52	0♓ 3	26°18	21° 5	18°30	1°39	15°57	17°46	26°26	2°45	1°39	16°51	n.a.	T 7
W 8	10 23 29	7°50'31	10♌53	2° 3	27°32	21°51	18°38	1°34	15°59	17°45	26°25	2°40	1°36	16°57	n.a.	W 8
T 9	10 27 26	8°49'03	25°22	4° 4	28°46	22°37	18°46	1°30	16° 2	17°43	26°25	2°33	1°33	17° 4	n.a.	T 9
F 10	10 31 22	9°47'32	10♍11	6° 7	29°59	23°23	18°54	1°25	16° 4	17°42	26°25	2°24	1°30	17°11	n.a.	F 10
S 11	10 35 19	10°45'59	25°13	8°11	1♓14	24° 9	19° 3	1°21	16° 6	17°40	26°25	2°14	1°26	17°18	n.a.	S 11
S 12	10 39 15	11°44'25	10♎18	10°16	2°28	24°55	19°11	1°16	16° 9	17°39	26°25	2° 4	1°23	17°24	n.a.	S 12
M13	10 43 12	12°42'48	25°16	12°22	3°42	25°41	19°20	1°12	16°11	17°37	26°24	1°55	1°20	17°31	n.a.	M13
T 14	10 47 8	13°41'10	9♏59	14°29	4°56	26°27	19°29	1° 8	16°13	17°36	26°24	1°49	1°17	17°38	n.a.	T 14
W15	10 51 5	14°39'30	24°22	16°36	6° 9	27°13	19°38	1° 3	16°15	17°34	26°24	1°46	1°14	17°44	n.a.	W15
T 16	10 55 2	15°37'49	8♐22	18°44	7°23	27°59	19°47	0°59	16°18	17°33	26°24	1°44	1°11	17°51	n.a.	T 16
F 17	10 58 58	16°36'06	21°59	20°52	8°37	28°45	19°56	0°54	16°20	17°32	26°24	1°D44	1° 7	17°58	n.a.	F 17
S 18	11 2 55	17°34'21	5♑16	23° 0	9°51	29°31	20° 5	0°50	16°22	17°30	26°24	1°R44	1° 4	18° 5	n.a.	S 18
S 19	11 6 51	18°32'35	18°14	25° 7	11° 5	0♒17	20°14	0°46	16°24	17°29	26°D24	1°43	1° 1	18°11	n.a.	S 19
M20	11 10 48	19°30'47	0♒58	27°14	12°19	1° 3	20°24	0°42	16°26	17°27	26°24	1°40	0°58	18°18	n.a.	M20
T 21	11 14 44	20°28'58	13°29	29°19	13°33	1°49	20°33	0°37	16°28	17°26	26°24	1°35	0°55	18°25	n.a.	T 21
W22	11 18 41	21°27'06	25°50	1♈23	14°47	2°35	20°43	0°33	16°30	17°25	26°24	1°26	0°51	18°32	n.a.	W22
T 23	11 22 37	22°25'13	8♓ 3	3°26	16° 0	3°20	20°53	0°29	16°32	17°23	26°24	1°15	0°48	18°38	n.a.	T 23
F 24	11 26 34	23°23'18	20° 9	5°27	17°14	4° 6	21° 3	0°25	16°33	17°22	26°24	1° 1	0°45	18°45	n.a.	F 24
S 25	11 30 30	24°21'21	2♈ 9	7°26	18°28	4°52	21°12	0°21	16°35	17°21	26°24	0°47	0°42	18°52	n.a.	S 25
S 26	11 34 27	25°19'23	14° 4	9°22	19°42	5°38	21°23	0°17	16°37	17°20	26°25	0°34	0°39	18°58	n.a.	S 26
M27	11 38 24	26°17'22	25°55	11°15	20°56	6°23	21°33	0°13	16°39	17°18	26°25	0°21	0°36	19° 5	n.a.	M27
T 28	11 42 20	27°15'20	7♉45	13° 6	22°10	7° 9	21°43	0° 9	16°40	17°17	26°25	0°11	0°32	19°12	n.a.	T 28
W29	11 46 17	28°13'16	19°37	14°53	23°23	7°54	21°53	0° 6	16°42	17°16	26°25	0° 4	0°29	19°19	n.a.	W29
T 30	11 50 13	29°11'10	1♊33	16°37	24°37	8°40	22° 4	0° 2	16°44	17°15	26°26	29♐59	0°26	19°25	n.a.	T 30
F 31	11 54 10	0♈ 9'03	13♊39	18♈18	25♓51	9♒26	22♉14	29♌58	16♑45	17♌14	26♊26	29♐58	0♑23	19♈32	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s17	19n11	4n 0	17s29	2s 5	16s43	1s23	23s49	1s 3	17n 7	0s17	13n19	2n37	23s25	0s32	16n59	1n21	29n20	5n34	23s47	23s48	11n 3		n.a.
T 2	10 56	21 58	3 16	16 51	2 2	16 20	1 24	23 44	1 4	17 9	0 17	13 21	2 37	23 24	0 32	16 59	1 21	29 20	5 34	23 47	23 48	11 5		n.a.
F 3	10 35	23 49	2 22	16 10	1 58	15 56	1 25	23 39	1 4	17 12	0 17	13 23	2 37	23 24	0 32	17 0	1 21	29 20	5 34	23 47	23 48	11 8		n.a.
S 4	10 13	24 34	1 21	15 28	1 54	15 32	1 25	23 33	1 5	17 14	0 16	13 24	2 37	23 24	0 32	17 0	1 21	29 20	5 34	23 47	23 48	11 10		n.a.
S 5	9 52	24 3	0 14	14 44	1 50	15 8	1 25	23 27	1 6	17 16	0 16	13 26	2 37	23 23	0 32	17 1	1 21	29 20	5 34	23 47	23 48	11 13		n.a.
M 6	9 30	22 13	0s56	13 58	1 44	14 43	1 26	23 21	1 6	17 19	0 16	13 28	2 37	23 23	0 32	17 1	1 21	29 19	5 33	23 47	23 48	11 15		n.a.
T 7	9 8	19 5	2 5	13 10	1 39	14 17	1 26	23 14	1 7	17 21	0 16	13 29	2 37	23 23	0 32	17 2	1 21	29 19	5 33	23 47	23 48	11 17		n.a.
W 8	8 46	14 46	3 8	12 21	1 32	13 52	1 26	23 7	1 8	17 23	0 16	13 31	2 37	23 23	0 32	17 2	1 21	29 19	5 33	23 47	23 48	11 20		n.a.
T 9	8 23	9 29	4 2	11 30	1 26	13 26	1 26	23 0	1 8	17 26	0 16	13 33	2 37	23 22	0 32	17 3	1 21	29 19	5 33	23 48	23 48	11 22		n.a.
F 10	8 1	3 33	4 40	10 37	1 18	13 0	1 26	22 53	1 9	17 28	0 15	13 34	2 37	23 22	0 32	17 3	1 21	29 19	5 33	23 48	23 49	11 25		n.a.
S 11	7 39	2s39	5 0	9 43	1 10	12 33	1 26	22 46	1 10	17 31	0 15	13 36	2 37	23 22	0 32	17 4	1 21	29 19	5 33	23 48	23 49	11 27		n.a.
S 12	7 16	8 42	4 59	8 47	1 2	12 6	1 26	22 38	1 10	17 33	0 15	13 38	2 37	23 22	0 32	17 4	1 21	29 19	5 33	23 48	23 49	11 30		n.a.
M13	6 54	14 13	4 38	7 51	0 53	11 39	1 26	22 30	1 11	17 36	0 15	13 39	2 37	23 21	0 32	17 4	1 21	29 19	5 33	23 48	23 49	11 32		n.a.
T 14	6 31	18 48	3 58	6 53	0 44	11 11	1 26	22 22	1 12	17 38	0 15	13 41	2 37	23 21	0 32	17 5	1 21	29 19	5 33	23 48	23 49	11 34		n.a.
W15	6 8	22 8	3 4	5 54	0 34	10 43	1 26	22 13	1 12	17 41	0 15	13 42	2 37	23 21	0 32	17 5	1 21	29 19	5 33	23 48	23 49	11 37		n.a.
T 16	5 45	24 2	2 1	4 54	0 24	10 15	1 25	22 5	1 13	17 44	0 15	13 44	2 37	23 21	0 32	17 6	1 21	29 19	5 33	23 48	23 49	11 39		n.a.
F 17	5 22	24 26	0 51	3 53	0 14	9 46	1 25	21 56	1 13	17 46	0 14	13 46	2 37	23 20	0 33	17 6	1 21	29 19	5 33	23 48	23 49	11 42		n.a.
S 18	4 59	23 24	0n19	2 52	0 3	9 18	1 24	21 47	1 14	17 49	0 14	13 47	2 37	23 20	0 33	17 7	1 21	29 19	5 33	23 48	23 49	11 44		n.a.
S 19	4 36	21 8	1 26	1 51	0n 8	8 49	1 24	21 37	1 15	17 52	0 14	13 49	2 37	23 20	0 33	17 7	1 21	29 18	5 33	23 48	23 49	11 46		n.a.
M20	4 13	17 51	2 28	0 50	0 19	8 20	1 23	21 28	1 15	17 54	0 14	13 50	2 37	23 20	0 33	17 7	1 21	29 18	5 32	23 48	23 49	11 49		n.a.
T 21	3 50	13 49	3 22	0n11	0 30	7 50	1 23	21 18	1 16	17 57	0 14	13 52	2 37	23 19	0 33	17 8	1 21	29 18	5 32	23 48	23 49	11 51		n.a.
W22	3 26	9 16	4 5	1 11	0 41	7 21	1 22	21 8	1 17	18 0	0 14	13 53	2 37	23 19	0 33	17 8	1 21	29 18	5 32	23 49	23 49	11 53		n.a.
T 23	3 3	4 25	4 36	2 10	0 52	6 51	1 21	20 58	1 17	18 2	0 13	13 54	2 36	23 19	0 33	17 9	1 21	29 18	5 32	23 49	23 49	11 56		n.a.
F 24	2 40	0n32	4 54	3 9	1 2	6 21	1 21	20 48	1 18	18 5	0 13	13 56	2 36	23 19	0 33	17 9	1 21	29 18	5 32	23 49	23 49	11 58		n.a.
S 25	2 17	5 26	5 0	4 6	1 13	5 51	1 20	20 37	1 18	18 8	0 13	13 57	2 36	23 19	0 33	17 9	1 21	29 18	5 32	23 49	23 49	12 1		n.a.
S 26	1 53	10 6	4 52	5 2	1 23	5 21	1 19	20 26	1 19	18 11	0 13	13 59	2 36	23 18	0 33	17 10	1 21	29 18	5 32	23 49	23 49	12 3		n.a.
M27	1 30	14 21	4 31	5 56	1 33	4 50	1 18	20 15	1 19	18 14	0 13	14 0	2 36	23 18	0 33	17 10	1 21	29 18	5 32	23 49	23 49	12 5		n.a.
T 28	1 6	18 4	3 59	6 49	1 42	4 20	1 17	20 4	1 20	18 17	0 13	14 1	2 36	23 18	0 33	17 10	1 21	29 18	5 32	23 49	23 49	12 8		n.a.
W29	0 43	21 3	3 16	7 39	1 51	3 49	1 16	19 53	1 21	18 19	0 13	14 3	2 36	23 18	0 33	17 11	1 21	29 18	5 32	23 49	23 49	12 10		n.a.
T 30	0 20	23 9	2 24	8 28	1 59	3 18	1 14	19 41	1 21	18 22	0 12	14 4	2 36	23 18	0 33	17 11	1 21	29 18	5 32	23 49	23 49	12 12		n.a.
F 31	0n 4	24n12	1n25	9n14	2n 7	2s47	1s13	19s29	1s22	18n25	0s12	14n 5	2n36	23s18	0s33	17n11	1n21	29n18	5n32	23s49	23s49	12n15		n.a.

Julian Day Number = 1347466.5, Delta T = 07h10m18s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'35, Lahiri = -18°05'35 Julian Calendar 1 March 1024 BCE == Greg. Calendar 19 Feb. 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

APRIL 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 6	1♈ 6'53	25♊58	19♈55	27♓ 5	10♒11	22♉25	29°R55	16♑47	17°R13	26♊26	29°R57	0♑20	19♈39	n.a.	S 1
S 2	12 2 3	2° 4'41	8♋36	21°29	28°19	10°57	22°36	29♌51	16°48	17♌12	26°27	29♐57	0°16	19°45	n.a.	S 2
M 3	12 5 59	3° 2'28	21°38	22°59	29°32	11°42	22°46	29°48	16°49	17°11	26°27	29°56	0°13	19°52	n.a.	M 3
T 4	12 9 56	4° 0'13	5♌ 7	24°25	0♈46	12°27	22°57	29°44	16°51	17°10	26°27	29°54	0°10	19°59	n.a.	T 4
W 5	12 13 53	4°57'56	19° 6	25°47	2° 0	13°13	23° 8	29°41	16°52	17° 9	26°28	29°49	0° 7	20° 6	n.a.	W 5
T 6	12 17 49	5°55'37	3♍35	27° 6	3°14	13°58	23°19	29°38	16°53	17° 8	26°28	29°41	0° 4	20°12	n.a.	T 6
F 7	12 21 46	6°53'16	18°29	28°20	4°27	14°43	23°30	29°34	16°54	17° 7	26°29	29°32	0° 1	20°19	n.a.	F 7
S 8	12 25 42	7°50'54	3♎40	29°31	5°41	15°29	23°41	29°31	16°56	17° 6	26°29	29°21	29♐57	20°26	n.a.	S 8
S 9	12 29 39	8°48'30	18°58	0♉37	6°55	16°14	23°53	29°28	16°57	17° 5	26°30	29°11	29°54	20°32	n.a.	S 9
M10	12 33 35	9°46'05	4♏13	1°40	8° 9	16°59	24° 4	29°25	16°58	17° 4	26°30	29° 2	29°51	20°39	n.a.	M10
T 11	12 37 32	10°43'39	19°12	2°38	9°22	17°44	24°15	29°22	16°59	17° 3	26°31	28°55	29°48	20°46	n.a.	T 11
W12	12 41 28	11°41'12	3♐50	3°32	10°36	18°29	24°27	29°20	17° 0	17° 2	26°32	28°51	29°45	20°53	n.a.	W12
T 13	12 45 25	12°38'43	18° 1	4°21	11°50	19°14	24°39	29°17	17° 1	17° 2	26°32	28°49	29°42	20°59	n.a.	T 13
F 14	12 49 22	13°36'14	1♑44	5° 6	13° 3	19°59	24°50	29°14	17° 2	17° 1	26°33	28°D49	29°38	21° 6	n.a.	F 14
S 15	12 53 18	14°33'44	15° 3	5°47	14°17	20°44	25° 2	29°12	17° 2	17° 0	26°34	28°R49	29°35	21°13	n.a.	S 15
S 16	12 57 15	15°31'12	27°59	6°23	15°31	21°29	25°14	29° 9	17° 3	16°59	26°34	28°48	29°32	21°19	n.a.	S 16
M17	13 1 11	16°28'40	10♒36	6°55	16°45	22°14	25°25	29° 7	17° 4	16°59	26°35	28°46	29°29	21°26	n.a.	M17
T 18	13 5 8	17°26'07	22°58	7°22	17°58	22°59	25°37	29° 5	17° 5	16°58	26°36	28°41	29°26	21°33	n.a.	T 18
W19	13 9 4	18°23'32	5♓10	7°44	19°12	23°43	25°49	29° 2	17° 5	16°58	26°37	28°34	29°22	21°40	n.a.	W19
T 20	13 13 1	19°20'57	17°13	8° 2	20°26	24°28	26° 1	29° 0	17° 6	16°57	26°37	28°24	29°19	21°46	n.a.	T 20
F 21	13 16 57	20°18'21	29°11	8°15	21°39	25°13	26°13	28°58	17° 6	16°56	26°38	28°12	29°16	21°53	n.a.	F 21
S 22	13 20 54	21°15'44	11♈ 5	8°23	22°53	25°57	26°25	28°56	17° 7	16°56	26°39	28° 0	29°13	22° 0	n.a.	S 22
S 23	13 24 50	22°13'05	22°56	8°R27	24° 7	26°42	26°38	28°54	17° 7	16°55	26°40	27°48	29°10	22° 6	n.a.	S 23
M24	13 28 47	23°10'26	4♉47	8°26	25°20	27°26	26°50	28°53	17° 8	16°55	26°41	27°37	29° 7	22°13	n.a.	M24
T 25	13 32 44	24° 7'46	16°39	8°20	26°34	28°11	27° 2	28°51	17° 8	16°54	26°42	27°28	29° 3	22°20	n.a.	T 25
W26	13 36 40	25° 5'05	28°34	8°11	27°48	28°55	27°14	28°49	17° 8	16°54	26°43	27°22	29° 0	22°27	n.a.	W26
T 27	13 40 37	26° 2'23	10♊34	7°57	29° 1	29°39	27°27	28°48	17° 9	16°54	26°44	27°18	28°57	22°33	n.a.	T 27
F 28	13 44 33	26°59'39	22°43	7°39	0♉15	0♓24	27°39	28°46	17° 9	16°53	26°45	27°D16	28°54	22°40	n.a.	F 28
S 29	13 48 30	27°56'55	5♋ 5	7°18	1°29	1° 8	27°52	28°45	17° 9	16°53	26°46	27°17	28°51	22°47	n.a.	S 29
S 30	13 52 26	28♈54'10	17♋43	6♉53	2♉42	1♓52	28♉ 4	28♌44	17♑ 9	16♌53	26♊47	27♐17	28♐48	22♈53	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n27	24n 6	0n21	9n58	2n14	2s17	1s12	19s17	1s22	18n28	0s12	14n 6	2n36	23s17	0s33	17n12	1n21	29n18	5n32	23s49	23s49	12n17		n.a.
S 2	0 50	22 47	0s46	10 40	2 20	1 46	1 11	19 5	1 23	18 31	0 12	14 7	2 36	23 17	0 33	17 12	1 20	29 17	5 31	23 49	23 49	12 19		n.a.
M 3	1 14	20 12	1 52	11 19	2 25	1 15	1 9	18 53	1 23	18 34	0 12	14 9	2 35	23 17	0 33	17 12	1 20	29 17	5 31	23 49	23 49	12 22		n.a.
T 4	1 37	16 28	2 54	11 56	2 30	0 43	1 8	18 40	1 24	18 37	0 12	14 10	2 35	23 17	0 33	17 13	1 20	29 17	5 31	23 49	23 49	12 24		n.a.
W 5	2 0	11 43	3 49	12 30	2 34	0 12	1 6	18 28	1 24	18 40	0 12	14 11	2 35	23 17	0 33	17 13	1 20	29 17	5 31	23 49	23 49	12 26		n.a.
T 6	2 23	6 9	4 30	13 2	2 37	0n19	1 5	18 15	1 25	18 43	0 12	14 12	2 35	23 17	0 33	17 13	1 20	29 17	5 31	23 49	23 49	12 29		n.a.
F 7	2 47	0 7	4 55	13 32	2 40	0 50	1 3	18 2	1 25	18 46	0 11	14 13	2 35	23 17	0 33	17 14	1 20	29 17	5 31	23 49	23 49	12 31		n.a.
S 8	3 10	6s 3	5 0	13 59	2 41	1 21	1 2	17 49	1 26	18 49	0 11	14 14	2 35	23 16	0 33	17 14	1 20	29 17	5 31	23 49	23 49	12 33		n.a.
S 9	3 33	11 54	4 43	14 23	2 41	1 52	1 0	17 36	1 26	18 52	0 11	14 15	2 35	23 16	0 33	17 14	1 20	29 17	5 31	23 49	23 49	12 36		n.a.
M10	3 56	16 59	4 6	14 45	2 41	2 23	0 58	17 22	1 27	18 55	0 11	14 16	2 35	23 16	0 33	17 14	1 20	29 17	5 31	23 49	23 49	12 38		n.a.
T 11	4 19	20 53	3 13	15 4	2 40	2 54	0 57	17 9	1 27	18 57	0 11	14 17	2 34	23 16	0 33	17 15	1 20	29 17	5 31	23 49	23 49	12 40		n.a.
W12	4 42	23 21	2 8	15 21	2 38	3 25	0 55	16 55	1 28	19 0	0 11	14 17	2 34	23 16	0 33	17 15	1 20	29 17	5 31	23 49	23 49	12 42		n.a.
T 13	5 4	24 13	0 57	15 35	2 34	3 56	0 53	16 41	1 28	19 3	0 11	14 18	2 34	23 16	0 33	17 15	1 20	29 17	5 31	23 49	23 49	12 45		n.a.
F 14	5 27	23 33	0n16	15 47	2 30	4 27	0 51	16 27	1 29	19 6	0 10	14 19	2 34	23 16	0 33	17 15	1 20	29 17	5 31	23 49	23 49	12 47		n.a.
S 15	5 50	21 33	1 25	15 56	2 25	4 58	0 49	16 13	1 29	19 9	0 10	14 20	2 34	23 16	0 33	17 15	1 20	29 17	5 31	23 49	23 49	12 49		n.a.
S 16	6 12	18 29	2 28	16 3	2 19	5 28	0 47	15 59	1 30	19 12	0 10	14 21	2 34	23 16	0 33	17 16	1 20	29 17	5 30	23 49	23 49	12 52		n.a.
M17	6 35	14 37	3 22	16 7	2 12	5 59	0 45	15 44	1 30	19 15	0 10	14 21	2 33	23 16	0 34	17 16	1 20	29 17	5 30	23 49	23 49	12 54		n.a.
T 18	6 57	10 12	4 6	16 8	2 4	6 29	0 43	15 30	1 30	19 18	0 10	14 22	2 33	23 16	0 34	17 16	1 20	29 17	5 30	23 49	23 49	12 56		n.a.
W19	7 19	5 28	4 37	16 7	1 55	7 0	0 41	15 15	1 31	19 21	0 10	14 23	2 33	23 16	0 34	17 16	1 20	29 16	5 30	23 49	23 49	12 58		n.a.
T 20	7 41	0 35	4 56	16 3	1 45	7 30	0 39	15 0	1 31	19 24	0 10	14 23	2 33	23 16	0 34	17 16	1 20	29 16	5 30	23 48	23 49	13 1		n.a.
F 21	8 3	4n16	5 2	15 57	1 34	8 0	0 37	14 45	1 32	19 27	0 10	14 24	2 33	23 16	0 34	17 16	1 20	29 16	5 30	23 48	23 49	13 3		n.a.
S 22	8 25	8 57	4 54	15 49	1 22	8 30	0 35	14 30	1 32	19 30	0 9	14 24	2 33	23 16	0 34	17 17	1 20	29 16	5 30	23 48	23 49	13 5		n.a.
S 23	8 47	13 17	4 34	15 38	1 9	8 59	0 33	14 15	1 32	19 33	0 9	14 25	2 32	23 15	0 34	17 17	1 20	29 16	5 30	23 48	23 49	13 7		n.a.
M24	9 9	17 6	4 2	15 25	0 56	9 29	0 31	14 0	1 33	19 36	0 9	14 25	2 32	23 15	0 34	17 17	1 20	29 16	5 30	23 48	23 49	13 10		n.a.
T 25	9 30	20 15	3 19	15 9	0 41	9 58	0 28	13 45	1 33	19 39	0 9	14 26	2 32	23 15	0 34	17 17	1 20	29 16	5 30	23 48	23 49	13 12		n.a.
W26	9 51	22 32	2 27	14 52	0 26	10 27	0 26	13 29	1 34	19 42	0 9	14 26	2 32	23 15	0 34	17 17	1 20	29 16	5 30	23 47	23 49	13 14		n.a.
T 27	10 13	23 50	1 28	14 33	0 10	10 56	0 24	13 14	1 34	19 45	0 9	14 26	2 32	23 15	0 34	17 17	1 20	29 16	5 30	23 47	23 49	13 16		n.a.
F 28	10 34	24 1	0 24	14 11	0s 6	11 24	0 22	12 58	1 34	19 48	0 9	14 27	2 32	23 15	0 34	17 17	1 20	29 16	5 30	23 47	23 49	13 19		n.a.
S 29	10 55	23 1	0s42	13 49	0 22	11 52	0 19	12 43	1 35	19 51	0 9	14 27	2 31	23 15	0 34	17 17	1 20	29 16	5 30	23 47	23 49	13 21		n.a.
S 30	11n15	20n51	1s47	13n25	0s39	12n20	0s17	12s27	1s35	19n54	0s 8	14n27	2n31	23s15	0s34	17n17	1n20	29n16	5n30	23s47	23s49	13n23		n.a.

Julian Day Number = 1347497.5, Delta T = 07h10m16s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'31, Lahiri = -18°05'31 Julian Calendar 1 Apr. 1024 BCE == Greg. Calendar 22 March 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

MAY 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 56 23	29♈51'23	0♌43	6°R26	3♉56	2♓36	28♉17	28°R43	17♑ 9	16°R53	26♊48	27°R18	28♐44	23♈ 0	n.a.	M 1
T 2	14 0 20	0♉48'35	14° 7	5♉56	5°10	3°20	28°29	28♌42	17°R 9	16♌52	26°49	27♐17	28°41	23° 7	n.a.	T 2
W 3	14 4 16	1°45'47	27°58	5°25	6°23	4° 4	28°42	28°41	17° 9	16°52	26°50	27°14	28°38	23°13	n.a.	W 3
T 4	14 8 13	2°42'57	12♍18	4°52	7°37	4°48	28°55	28°40	17° 9	16°52	26°51	27° 9	28°35	23°20	n.a.	T 4
F 5	14 12 9	3°40'07	27° 3	4°18	8°51	5°31	29° 8	28°39	17° 9	16°52	26°52	27° 3	28°32	23°27	n.a.	F 5
S 6	14 16 6	4°37'15	12♎ 7	3°44	10° 4	6°15	29°20	28°39	17° 9	16°52	26°53	26°55	28°28	23°34	n.a.	S 6
S 7	14 20 2	5°34'23	27°22	3°11	11°18	6°59	29°33	28°38	17° 8	16°52	26°55	26°48	28°25	23°40	n.a.	S 7
M 8	14 23 59	6°31'30	12♏38	2°39	12°32	7°42	29°46	28°38	17° 8	16°D52	26°56	26°41	28°22	23°47	n.a.	M 8
T 9	14 27 55	7°28'37	27°43	2° 8	13°45	8°26	29°59	28°37	17° 8	16°52	26°57	26°37	28°19	23°54	n.a.	T 9
W10	14 31 52	8°25'44	12♐28	1°39	14°59	9° 9	0♊12	28°37	17° 7	16°52	26°58	26°34	28°16	24° 0	n.a.	W10
T 11	14 35 49	9°22'50	26°48	1°13	16°12	9°53	0°25	28°37	17° 7	16°52	26°59	26°D33	28°13	24° 7	n.a.	T 11
F 12	14 39 45	10°19'56	10♑41	0°49	17°26	10°36	0°38	28°D37	17° 7	16°52	27° 1	26°34	28° 9	24°14	n.a.	F 12
S 13	14 43 42	11°17'02	24° 6	0°30	18°40	11°19	0°51	28°37	17° 6	16°52	27° 2	26°35	28° 6	24°21	n.a.	S 13
S 14	14 47 38	12°14'08	7♒ 6	0°13	19°53	12° 3	1° 4	28°37	17° 6	16°52	27° 3	26°R36	28° 3	24°27	n.a.	S 14
M15	14 51 35	13°11'14	19°44	0° 1	21° 7	12°46	1°17	28°38	17° 5	16°53	27° 5	26°36	28° 0	24°34	n.a.	M15
T 16	14 55 31	14° 8'20	2♓ 6	29♈53	22°21	13°29	1°30	28°38	17° 4	16°53	27° 6	26°34	27°57	24°41	n.a.	T 16
W17	14 59 28	15° 5'25	14°14	29°D50	23°34	14°12	1°43	28°38	17° 4	16°53	27° 7	26°31	27°53	24°47	n.a.	W17
T 18	15 3 24	16° 2'31	26°13	29°51	24°48	14°55	1°56	28°39	17° 3	16°53	27° 9	26°25	27°50	24°54	n.a.	T 18
F 19	15 7 21	16°59'36	8♈ 7	29°57	26° 1	15°37	2° 9	28°40	17° 2	16°54	27°10	26°19	27°47	25° 1	n.a.	F 19
S 20	15 11 18	17°56'42	19°58	0♉ 7	27°15	16°20	2°23	28°40	17° 1	16°54	27°12	26°12	27°44	25° 8	n.a.	S 20
S 21	15 15 14	18°53'48	1♉49	0°23	28°29	17° 3	2°36	28°41	17° 0	16°54	27°13	26° 5	27°41	25°14	n.a.	S 21
M22	15 19 11	19°50'54	13°42	0°43	29°42	17°45	2°49	28°42	16°59	16°55	27°14	25°59	27°38	25°21	n.a.	M22
T 23	15 23 7	20°47'59	25°39	1° 8	0♊56	18°28	3° 2	28°43	16°58	16°55	27°16	25°54	27°34	25°28	n.a.	T 23
W24	15 27 4	21°45'05	7♊41	1°38	2°10	19°10	3°16	28°44	16°57	16°56	27°17	25°51	27°31	25°34	n.a.	W24
T 25	15 31 0	22°42'11	19°51	2°12	3°23	19°52	3°29	28°46	16°56	16°56	27°19	25°D50	27°28	25°41	n.a.	T 25
F 26	15 34 57	23°39'16	2♋11	2°51	4°37	20°35	3°42	28°47	16°55	16°57	27°20	25°50	27°25	25°48	n.a.	F 26
S 27	15 38 54	24°36'22	14°42	3°35	5°51	21°17	3°56	28°48	16°54	16°58	27°22	25°51	27°22	25°55	n.a.	S 27
S 28	15 42 50	25°33'27	27°28	4°23	7° 4	21°59	4° 9	28°50	16°53	16°58	27°23	25°52	27°19	26° 1	n.a.	S 28
M29	15 46 47	26°30'33	10♌32	5°16	8°18	22°41	4°22	28°52	16°52	16°59	27°25	25°54	27°15	26° 8	n.a.	M29
T 30	15 50 43	27°27'38	23°56	6°14	9°32	23°23	4°36	28°53	16°50	16°59	27°26	25°R55	27°12	26°15	n.a.	T 30
W31	15 54 40	28♉24'43	7♍42	7♉15	10♊45	24♓ 4	4♊49	28♌55	16♑49	17♌ 0	27♊28	25♐54	27♐ 9	26♈21	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n36	17n34	2s49	13n 0	0s56	12n48	0s15	12s11	1s35	19n57	0s 8	14n27	2n31	23s16	0s34	17n17	1n20	29n16	5n30	23s47	23s49	13n25			n.a.
T 2	11 56	13 17	3 44	12 34	1 13	13 15	0 12	11 55	1 36	20 0	0 8	14 28	2 31	23 16	0 34	17 17	1 20	29 16	5 29	23 47	23 49	13 28			n.a.
W 3	12 16	8 11	4 27	12 7	1 30	13 42	0 10	11 39	1 36	20 3	0 8	14 28	2 31	23 16	0 34	17 17	1 20	29 16	5 29	23 47	23 49	13 30			n.a.
T 4	12 36	2 30	4 56	11 41	1 46	14 9	0 8	11 23	1 36	20 6	0 8	14 28	2 30	23 16	0 34	17 17	1 20	29 16	5 29	23 47	23 49	13 32			n.a.
F 5	12 56	3s29	5 6	11 14	2 3	14 35	0 5	11 7	1 36	20 9	0 8	14 28	2 30	23 16	0 34	17 17	1 20	29 16	5 29	23 47	23 49	13 34			n.a.
S 6	13 16	9 23	4 56	10 48	2 18	15 1	0 3	10 51	1 37	20 12	0 8	14 28	2 30	23 16	0 34	17 17	1 20	29 16	5 29	23 47	23 48	13 36			n.a.
S 7	13 35	14 48	4 24	10 23	2 33	15 27	0 1	10 35	1 37	20 15	0 8	14 28	2 30	23 16	0 34	17 17	1 19	29 16	5 29	23 47	23 48	13 39			n.a.
M 8	13 54	19 15	3 34	9 59	2 46	15 52	0n 2	10 19	1 37	20 18	0 8	14 28	2 30	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 41			n.a.
T 9	14 13	22 23	2 29	9 36	2 59	16 17	0 4	10 2	1 37	20 21	0 7	14 28	2 29	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 43			n.a.
W10	14 32	23 53	1 15	9 15	3 11	16 41	0 7	9 46	1 38	20 24	0 7	14 28	2 29	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 45			n.a.
T 11	14 51	23 45	0n 1	8 56	3 21	17 5	0 9	9 29	1 38	20 26	0 7	14 28	2 29	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 47			n.a.
F 12	15 9	22 7	1 16	8 39	3 31	17 29	0 11	9 13	1 38	20 29	0 7	14 27	2 29	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 49			n.a.
S 13	15 27	19 17	2 23	8 25	3 39	17 52	0 14	8 56	1 38	20 32	0 7	14 27	2 28	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 52			n.a.
S 14	15 45	15 33	3 21	8 13	3 45	18 15	0 16	8 40	1 39	20 35	0 7	14 27	2 28	23 16	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 54			n.a.
M15	16 3	11 12	4 8	8 4	3 51	18 37	0 18	8 23	1 39	20 38	0 7	14 27	2 28	23 17	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 56			n.a.
T 16	16 20	6 31	4 42	7 57	3 55	18 59	0 21	8 7	1 39	20 41	0 7	14 26	2 28	23 17	0 34	17 17	1 19	29 16	5 29	23 46	23 48	13 58			n.a.
W17	16 37	1 40	5 2	7 53	3 58	19 20	0 23	7 50	1 39	20 43	0 7	14 26	2 28	23 17	0 35	17 17	1 19	29 16	5 29	23 46	23 48	14 0			n.a.
T 18	16 54	3n12	5 9	7 52	4 0	19 41	0 25	7 33	1 39	20 46	0 6	14 26	2 27	23 17	0 35	17 16	1 19	29 16	5 29	23 46	23 48	14 2			n.a.
F 19	17 11	7 53	5 3	7 53	4 0	20 1	0 28	7 17	1 39	20 49	0 6	14 25	2 27	23 17	0 35	17 16	1 19	29 16	5 29	23 46	23 48	14 5			n.a.
S 20	17 27	12 17	4 44	7 58	3 59	20 21	0 30	7 0	1 40	20 52	0 6	14 25	2 27	23 17	0 35	17 16	1 19	29 16	5 29	23 46	23 48	14 7			n.a.
S 21	17 43	16 13	4 12	8 5	3 58	20 40	0 32	6 43	1 40	20 55	0 6	14 24	2 27	23 17	0 35	17 16	1 19	29 16	5 29	23 45	23 48	14 9			n.a.
M22	17 59	19 31	3 29	8 15	3 55	20 58	0 35	6 26	1 40	20 57	0 6	14 24	2 27	23 17	0 35	17 16	1 19	29 16	5 29	23 45	23 48	14 11			n.a.
T 23	18 14	22 1	2 37	8 27	3 51	21 16	0 37	6 10	1 40	21 0	0 6	14 23	2 26	23 18	0 35	17 16	1 19	29 16	5 29	23 45	23 48	14 13			n.a.
W24	18 29	23 32	1 37	8 42	3 46	21 34	0 39	5 53	1 40	21 3	0 6	14 22	2 26	23 18	0 35	17 16	1 19	29 16	5 29	23 45	23 48	14 15			n.a.
T 25	18 44	23 58	0 33	8 59	3 40	21 50	0 41	5 36	1 40	21 5	0 6	14 22	2 26	23 18	0 35	17 15	1 19	29 16	5 29	23 45	23 48	14 17			n.a.
F 26	18 59	23 13	0s35	9 19	3 34	22 7	0 43	5 19	1 40	21 8	0 6	14 21	2 26	23 18	0 35	17 15	1 19	29 16	5 29	23 45	23 47	14 20			n.a.
S 27	19 13	21 19	1 42	9 40	3 27	22 22	0 46	5 3	1 40	21 11	0 5	14 20	2 26	23 18	0 35	17 15	1 19	29 16	5 29	23 45	23 47	14 22			n.a.
S 28	19 27	18 18	2 45	10 4	3 19	22 37	0 48	4 46	1 40	21 13	0 5	14 20	2 25	23 18	0 35	17 15	1 19	29 16	5 29	23 45	23 47	14 24			n.a.
M29	19 41	14 20	3 41	10 30	3 10	22 51	0 50	4 29	1 41	21 16	0 5	14 19	2 25	23 19	0 35	17 14	1 19	29 16	5 29	23 45	23 47	14 26			n.a.
T 30	19 54	9 34	4 26	10 58	3 1	23 5	0 52	4 12	1 41	21 19	0 5	14 18	2 25	23 19	0 35	17 14	1 19	29 16	5 29	23 45	23 47	14 28			n.a.
W31	20n 7	4n12	4s58	11n28	2s51	23n18	0n54	3s56	1s41	21n21	0s 5	14n17	2n25	23s19	0s35	17n14	1n19	29n16	5n29	23s45	23s47	14n30			n.a.

Julian Day Number = 1347527.5, Delta T = 07h10m15s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'27, Lahiri = -18°05'27 Julian Calendar 1 May 1024 BCE == Greg. Calendar 21 Apr. 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

JUNE 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 36	29♉21'48	21♍51	8♉21	11♊59	24♓46	5♊ 3	28♌57	16°R48	17♌ 1	27♊30	25°R53	27♐ 6	26♈28	n.a.	T 1
F 2	16 2 33	0♊18'53	6♎20	9°32	13°12	25°27	5°16	28°59	16♑46	17° 2	27°31	25♐50	27° 3	26°35	n.a.	F 2
S 3	16 6 29	1°15'58	21° 7	10°46	14°26	26° 9	5°29	29° 1	16°45	17° 3	27°33	25°47	26°59	26°41	n.a.	S 3
S 4	16 10 26	2°13'03	6♏ 5	12° 5	15°40	26°50	5°43	29° 3	16°43	17° 3	27°34	25°44	26°56	26°48	n.a.	S 4
M 5	16 14 23	3°10'09	21° 6	13°28	16°53	27°31	5°56	29° 6	16°42	17° 4	27°36	25°42	26°53	26°55	n.a.	M 5
T 6	16 18 19	4° 7'15	6♐ 1	14°55	18° 7	28°13	6°10	29° 8	16°40	17° 5	27°38	25°40	26°50	27° 2	n.a.	T 6
W 7	16 22 16	5° 4'21	20°42	16°25	19°20	28°54	6°23	29°11	16°39	17° 6	27°39	25°D39	26°47	27° 8	n.a.	W 7
T 8	16 26 12	6° 1'28	5♑ 2	18° 0	20°34	29°35	6°36	29°13	16°37	17° 7	27°41	25°39	26°44	27°15	n.a.	T 8
F 9	16 30 9	6°58'36	18°59	19°38	21°48	0♈16	6°50	29°16	16°36	17° 8	27°43	25°40	26°40	27°22	n.a.	F 9
S 10	16 34 5	7°55'45	2♒29	21°20	23° 1	0°56	7° 3	29°18	16°34	17° 9	27°44	25°41	26°37	27°28	n.a.	S 10
S 11	16 38 2	8°52'54	15°34	23° 6	24°15	1°37	7°17	29°21	16°32	17°10	27°46	25°42	26°34	27°35	n.a.	S 11
M12	16 41 59	9°50'04	28°17	24°55	25°28	2°18	7°30	29°24	16°30	17°11	27°48	25°43	26°31	27°42	n.a.	M12
T 13	16 45 55	10°47'15	10♓41	26°46	26°42	2°58	7°43	29°27	16°29	17°12	27°49	25°R44	26°28	27°49	n.a.	T 13
W14	16 49 52	11°44'27	22°50	28°41	27°56	3°38	7°57	29°30	16°27	17°13	27°51	25°43	26°25	27°55	n.a.	W14
T 15	16 53 48	12°41'40	4♈48	0♊38	29° 9	4°19	8°10	29°33	16°25	17°15	27°53	25°42	26°21	28° 2	n.a.	T 15
F 16	16 57 45	13°38'53	16°41	2°37	0♋23	4°59	8°24	29°37	16°23	17°16	27°54	25°41	26°18	28° 9	n.a.	F 16
S 17	17 1 41	14°36'08	28°32	4°38	1°36	5°39	8°37	29°40	16°21	17°17	27°56	25°40	26°15	28°15	n.a.	S 17
S 18	17 5 38	15°33'24	10♉25	6°41	2°50	6°19	8°50	29°43	16°19	17°18	27°58	25°38	26°12	28°22	n.a.	S 18
M19	17 9 34	16°30'41	22°22	8°45	4° 4	6°58	9° 4	29°47	16°17	17°19	28° 0	25°37	26° 9	28°29	n.a.	M19
T 20	17 13 31	17°27'59	4♊26	10°50	5°17	7°38	9°17	29°51	16°15	17°21	28° 1	25°36	26° 5	28°35	n.a.	T 20
W21	17 17 28	18°25'18	16°40	12°56	6°31	8°17	9°30	29°54	16°13	17°22	28° 3	25°35	26° 2	28°42	n.a.	W21
T 22	17 21 24	19°22'38	29° 4	15° 2	7°45	8°57	9°44	29°58	16°11	17°23	28° 5	25°D35	25°59	28°49	n.a.	T 22
F 23	17 25 21	20°19'59	11♋41	17° 8	8°58	9°36	9°57	0♍ 2	16° 9	17°25	28° 7	25°36	25°56	28°56	n.a.	F 23
S 24	17 29 17	21°17'21	24°30	19°14	10°12	10°15	10°10	0° 6	16° 7	17°26	28° 8	25°36	25°53	29° 2	n.a.	S 24
S 25	17 33 14	22°14'44	7♌33	21°20	11°25	10°54	10°24	0°10	16° 5	17°28	28°10	25°36	25°50	29° 9	n.a.	S 25
M26	17 37 10	23°12'07	20°51	23°25	12°39	11°33	10°37	0°14	16° 3	17°29	28°12	25°37	25°46	29°16	n.a.	M26
T 27	17 41 7	24° 9'32	4♍24	25°29	13°52	12°12	10°50	0°18	16° 1	17°31	28°14	25°37	25°43	29°22	n.a.	T 27
W28	17 45 3	25° 6'57	18°12	27°32	15° 6	12°50	11° 3	0°22	15°59	17°32	28°15	25°37	25°40	29°29	n.a.	W28
T 29	17 49 0	26° 4'23	2♎15	29°34	16°20	13°29	11°16	0°27	15°56	17°34	28°17	25°37	25°37	29°36	n.a.	T 29
F 30	17 52 57	27♊ 1'49	16♎31	1♋35	17♋33	14♈ 7	11♊30	0♍31	15♑54	17♌35	28♊19	25♐37	25♐34	29♈42	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n20	1s30	5s13	11n59	2s40	23n30	0n56	3s39	1s41	21n24	0s 5	14n16	2n24	23s19	0s35	17n14	1n19	29n16	5n29	23s45	23s47	14n32		n.a.
F 2	20 32	7 16	5 9	12 32	2 29	23 42	0 58	3 22	1 41	21 26	0 5	14 15	2 24	23 19	0 35	17 13	1 19	29 16	5 29	23 45	23 47	14 34		n.a.
S 3	20 44	12 44	4 44	13 6	2 18	23 53	1 0	3 5	1 41	21 29	0 5	14 14	2 24	23 20	0 35	17 13	1 19	29 16	5 29	23 45	23 47	14 36		n.a.
S 4	20 56	17 31	4 0	13 42	2 6	24 3	1 2	2 49	1 41	21 31	0 5	14 13	2 24	23 20	0 35	17 13	1 19	29 16	5 29	23 45	23 47	14 38		n.a.
M 5	21 7	21 11	2 59	14 19	1 54	24 13	1 3	2 32	1 41	21 34	0 4	14 12	2 24	23 20	0 35	17 13	1 18	29 16	5 29	23 45	23 47	14 41		n.a.
T 6	21 18	23 23	1 46	14 56	1 42	24 21	1 5	2 16	1 41	21 36	0 4	14 11	2 23	23 20	0 35	17 12	1 18	29 16	5 29	23 45	23 47	14 43		n.a.
W 7	21 29	23 56	0 27	15 35	1 30	24 30	1 7	1 59	1 41	21 39	0 4	14 10	2 23	23 21	0 35	17 12	1 18	29 16	5 29	23 45	23 47	14 45		n.a.
T 8	21 39	22 52	0n52	16 14	1 17	24 37	1 9	1 42	1 41	21 41	0 4	14 9	2 23	23 21	0 35	17 12	1 18	29 16	5 29	23 45	23 47	14 47		n.a.
F 9	21 49	20 23	2 5	16 53	1 5	24 44	1 10	1 26	1 41	21 44	0 4	14 8	2 23	23 21	0 35	17 11	1 18	29 17	5 29	23 45	23 46	14 49		n.a.
S 10	21 59	16 50	3 10	17 33	0 52	24 50	1 12	1 9	1 41	21 46	0 4	14 7	2 23	23 21	0 35	17 11	1 18	29 17	5 29	23 45	23 46	14 51		n.a.
S 11	22 8	12 34	4 2	18 12	0 39	24 55	1 13	0 53	1 41	21 48	0 4	14 6	2 22	23 21	0 35	17 11	1 18	29 17	5 29	23 45	23 46	14 53		n.a.
M12	22 17	7 52	4 41	18 51	0 27	24 59	1 15	0 36	1 41	21 51	0 4	14 5	2 22	23 22	0 35	17 10	1 18	29 17	5 29	23 45	23 46	14 55		n.a.
T 13	22 25	2 59	5 5	19 30	0 15	25 3	1 16	0 20	1 40	21 53	0 4	14 3	2 22	23 22	0 35	17 10	1 18	29 17	5 29	23 45	23 46	14 57		n.a.
W14	22 33	1n56	5 16	20 8	0 3	25 6	1 18	0 4	1 40	21 55	0 4	14 2	2 22	23 22	0 35	17 9	1 18	29 17	5 29	23 45	23 46	14 59		n.a.
T 15	22 41	6 42	5 12	20 45	0n 8	25 8	1 19	0n13	1 40	21 58	0 3	14 1	2 22	23 22	0 35	17 9	1 18	29 17	5 29	23 45	23 46	15 1		n.a.
F 16	22 48	11 11	4 55	21 20	0 20	25 9	1 20	0 29	1 40	22 0	0 3	13 59	2 21	23 23	0 35	17 9	1 18	29 17	5 29	23 45	23 46	15 3		n.a.
S 17	22 55	15 15	4 26	21 54	0 30	25 10	1 22	0 45	1 40	22 2	0 3	13 58	2 21	23 23	0 35	17 8	1 18	29 17	5 29	23 45	23 46	15 5		n.a.
S 18	23 1	18 43	3 45	22 26	0 40	25 10	1 23	1 1	1 40	22 4	0 3	13 57	2 21	23 23	0 35	17 8	1 18	29 17	5 29	23 45	23 46	15 7		n.a.
M19	23 7	21 27	2 54	22 56	0 50	25 9	1 24	1 17	1 40	22 6	0 3	13 55	2 21	23 24	0 35	17 7	1 18	29 17	5 29	23 45	23 46	15 9		n.a.
T 20	23 13	23 14	1 55	23 23	0 59	25 7	1 25	1 33	1 40	22 9	0 3	13 54	2 21	23 24	0 35	17 7	1 18	29 17	5 29	23 45	23 45	15 11		n.a.
W21	23 18	23 57	0 49	23 49	1 7	25 5	1 26	1 49	1 39	22 11	0 3	13 52	2 20	23 24	0 35	17 7	1 18	29 17	5 29	23 45	23 45	15 13		n.a.
T 22	23 23	23 30	0s19	24 12	1 14	25 2	1 27	2 5	1 39	22 13	0 3	13 51	2 20	23 24	0 36	17 6	1 18	29 17	5 29	23 45	23 45	15 15		n.a.
F 23	23 27	21 50	1 28	24 32	1 21	24 58	1 28	2 21	1 39	22 15	0 3	13 49	2 20	23 25	0 36	17 6	1 18	29 17	5 29	23 45	23 45	15 17		n.a.
S 24	23 32	19 2	2 34	24 49	1 27	24 53	1 29	2 37	1 39	22 17	0 2	13 47	2 20	23 25	0 36	17 5	1 18	29 18	5 29	23 45	23 45	15 19		n.a.
S 25	23 35	15 15	3 32	25 4	1 32	24 48	1 29	2 52	1 39	22 19	0 2	13 46	2 20	23 25	0 36	17 5	1 18	29 18	5 29	23 45	23 45	15 21		n.a.
M26	23 38	10 39	4 21	25 16	1 37	24 42	1 30	3 8	1 39	22 21	0 2	13 44	2 20	23 25	0 36	17 4	1 18	29 18	5 29	23 45	23 45	15 23		n.a.
T 27	23 41	5 28	4 56	25 25	1 41	24 35	1 31	3 23	1 38	22 23	0 2	13 43	2 19	23 26	0 36	17 4	1 18	29 18	5 29	23 45	23 45	15 25		n.a.
W28	23 43	0s 5	5 15	25 31	1 44	24 27	1 31	3 39	1 38	22 25	0 2	13 41	2 19	23 26	0 36	17 3	1 18	29 18	5 30	23 45	23 45	15 27		n.a.
T 29	23 45	5 43	5 15	25 35	1 46	24 19	1 32	3 54	1 38	22 27	0 2	13 39	2 19	23 26	0 36	17 3	1 18	29 18	5 30	23 45	23 45	15 29		n.a.
F 30	23n47	11s 8	4s56	25n36	1n48	24n10	1n32	4n 9	1s38	22n29	0s 2	13n37	2n19	23s27	0s36	17n 2	1n18	29n18	5n30	23s45	23s44	15n31		n.a.

Julian Day Number = 1347558.5, Delta T = 07h10m13s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'23, Lahiri = -18°05'22 Julian Calendar 1 June 1024 BCE == Greg. Calendar 22 May 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

JULY 1024 BCE (-1023) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 56 53	27♊59'17	0♏58	3♋34	18♋47	14♈45	11♊43	0♍35	15°R52	17♎37	28♊21	25♐37	25♐31	29♈49	n.a.	S 1
S 2	18 0 50	28°56'46	15°32	5°33	20° 0	15°23	11°56	0°40	15♑50	17°38	28°22	25°37	25°27	29°56	n.a.	S 2
M 3	18 4 46	29°54'16	0♐ 8	7°29	21°14	16° 1	12° 9	0°45	15°47	17°40	28°24	25°38	25°24	0♉ 3	n.a.	M 3
T 4	18 8 43	0♋51'47	14°41	9°25	22°27	16°39	12°22	0°49	15°45	17°42	28°26	25°38	25°21	0° 9	n.a.	T 4
W 5	18 12 39	1°49'20	29° 4	11°19	23°41	17°17	12°35	0°54	15°43	17°43	28°28	25°R38	25°18	0°16	n.a.	W 5
T 6	18 16 36	2°46'53	13♑12	13°11	24°54	17°54	12°48	0°59	15°41	17°45	28°30	25°38	25°15	0°23	n.a.	T 6
F 7	18 20 33	3°44'28	27° 2	15° 2	26° 8	18°32	13° 1	1° 4	15°38	17°47	28°31	25°37	25°11	0°29	n.a.	F 7
S 8	18 24 29	4°42'05	10♒30	16°52	27°21	19° 9	13°14	1° 9	15°36	17°48	28°33	25°36	25° 8	0°36	n.a.	S 8
S 9	18 28 26	5°39'43	23°36	18°40	28°35	19°46	13°27	1°14	15°34	17°50	28°35	25°35	25° 5	0°43	n.a.	S 9
M10	18 32 22	6°37'23	6♓21	20°26	29°48	20°23	13°39	1°19	15°31	17°52	28°37	25°34	25° 2	0°49	n.a.	M10
T 11	18 36 19	7°35'04	18°47	22°11	1♌ 2	20°59	13°52	1°24	15°29	17°54	28°38	25°32	24°59	0°56	n.a.	T 11
W12	18 40 15	8°32'48	0♈58	23°55	2°15	21°36	14° 5	1°29	15°26	17°55	28°40	25°32	24°56	1° 3	n.a.	W12
T 13	18 44 12	9°30'33	12°58	25°37	3°29	22°12	14°18	1°34	15°24	17°57	28°42	25°D32	24°52	1°10	n.a.	T 13
F 14	18 48 8	10°28'20	24°51	27°18	4°42	22°48	14°30	1°40	15°22	17°59	28°44	25°32	24°49	1°16	n.a.	F 14
S 15	18 52 5	11°26'09	6♉43	28°58	5°55	23°25	14°43	1°45	15°19	18° 1	28°45	25°33	24°46	1°23	n.a.	S 15
S 16	18 56 2	12°23'59	18°37	0♌36	7° 9	24° 0	14°56	1°50	15°17	18° 3	28°47	25°35	24°43	1°30	n.a.	S 16
M17	18 59 58	13°21'52	0♊38	2°13	8°22	24°36	15° 8	1°56	15°15	18° 5	28°49	25°36	24°40	1°36	n.a.	M17
T 18	19 3 55	14°19'46	12°49	3°48	9°36	25°12	15°21	2° 1	15°12	18° 7	28°50	25°37	24°37	1°43	n.a.	T 18
W19	19 7 51	15°17'43	25°14	5°22	10°49	25°47	15°33	2° 7	15°10	18° 9	28°52	25°R38	24°33	1°50	n.a.	W19
T 20	19 11 48	16°15'41	7♋54	6°54	12° 2	26°22	15°46	2°13	15° 7	18°11	28°54	25°37	24°30	1°56	n.a.	T 20
F 21	19 15 44	17°13'41	20°51	8°26	13°16	26°57	15°58	2°19	15° 5	18°12	28°56	25°36	24°27	2° 3	n.a.	F 21
S 22	19 19 41	18°11'42	4♌ 3	9°56	14°29	27°32	16°10	2°24	15° 3	18°14	28°57	25°33	24°24	2°10	n.a.	S 22
S 23	19 23 37	19° 9'45	17°31	11°24	15°43	28° 6	16°23	2°30	15° 0	18°16	28°59	25°30	24°21	2°16	n.a.	S 23
M24	19 27 34	20° 7'50	1♍12	12°51	16°56	28°41	16°35	2°36	14°58	18°18	29° 1	25°26	24°17	2°23	n.a.	M24
T 25	19 31 31	21° 5'57	15° 4	14°17	18° 9	29°15	16°47	2°42	14°55	18°20	29° 2	25°23	24°14	2°30	n.a.	T 25
W26	19 35 27	22° 4'05	29° 4	15°41	19°22	29°49	16°59	2°48	14°53	18°23	29° 4	25°20	24°11	2°37	n.a.	W26
T 27	19 39 24	23° 2'14	13♎11	17° 4	20°36	0♉23	17°11	2°54	14°51	18°25	29° 6	25°19	24° 8	2°43	n.a.	T 27
F 28	19 43 20	24° 0'25	27°22	18°25	21°49	0°56	17°23	3° 0	14°48	18°27	29° 7	25°D18	24° 5	2°50	n.a.	F 28
S 29	19 47 17	24°58'38	11♏35	19°45	23° 2	1°30	17°35	3° 6	14°46	18°29	29° 9	25°19	24° 2	2°57	n.a.	S 29
S 30	19 51 13	25°56'52	25°47	21° 3	24°15	2° 3	17°47	3°12	14°44	18°31	29°10	25°21	23°58	3° 3	n.a.	S 30
M31	19 55 10	26♋55'09	9♐57	22♌19	25♌29	2♉36	17♊59	3♍19	14♑41	18♎33	29♊12	25♐22	23♐55	3♉10	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	16s 1	4s19	25n35	1n49	24n 0	1n32	4n25	1s37	22n31	0s 2	13n36	2n19	23s27	0s36	17n 2	1n18	29n18	5n30	23s45	23s44	15n33		n.a.
S 2	23 49	20 0	3 25	25 31	1 49	23 50	1 33	4 40	1 37	22 33	0 2	13 34	2 19	23 27	0 36	17 1	1 18	29 18	5 30	23 45	23 44	15 35		n.a.
M 3	23 49	22 43	2 17	25 25	1 49	23 38	1 33	4 55	1 37	22 35	0 2	13 32	2 18	23 27	0 36	17 1	1 18	29 18	5 30	23 45	23 44	15 37		n.a.
T 4	23 49	23 55	1 0	25 17	1 48	23 26	1 33	5 10	1 37	22 37	0 1	13 30	2 18	23 28	0 36	17 0	1 18	29 18	5 30	23 45	23 44	15 39		n.a.
W 5	23 48	23 30	0n19	25 6	1 47	23 14	1 33	5 25	1 36	22 38	0 1	13 28	2 18	23 28	0 36	17 0	1 18	29 18	5 30	23 45	23 44	15 41		n.a.
T 6	23 47	21 34	1 36	24 54	1 45	23 1	1 33	5 39	1 36	22 40	0 1	13 26	2 18	23 28	0 36	16 59	1 18	29 19	5 30	23 45	23 44	15 43		n.a.
F 7	23 46	18 23	2 45	24 39	1 43	22 47	1 33	5 54	1 36	22 42	0 1	13 25	2 18	23 29	0 36	16 59	1 18	29 19	5 30	23 45	23 44	15 45		n.a.
S 8	23 44	14 18	3 44	24 23	1 40	22 32	1 33	6 9	1 35	22 44	0 1	13 23	2 18	23 29	0 36	16 58	1 18	29 19	5 30	23 45	23 44	15 47		n.a.
S 9	23 42	9 38	4 29	24 5	1 36	22 17	1 33	6 23	1 35	22 45	0 1	13 21	2 17	23 29	0 36	16 57	1 18	29 19	5 30	23 44	23 43	15 49		n.a.
M10	23 39	4 42	4 59	23 46	1 33	22 1	1 32	6 37	1 35	22 47	0 1	13 19	2 17	23 29	0 36	16 57	1 18	29 19	5 30	23 44	23 43	15 51		n.a.
T 11	23 36	0n18	5 14	23 25	1 28	21 44	1 32	6 52	1 34	22 49	0 1	13 17	2 17	23 30	0 36	16 56	1 18	29 19	5 31	23 44	23 43	15 53		n.a.
W12	23 32	5 12	5 15	23 2	1 24	21 27	1 32	7 6	1 34	22 50	0 1	13 15	2 17	23 30	0 36	16 56	1 18	29 19	5 31	23 44	23 43	15 54		n.a.
T 13	23 28	9 49	5 2	22 39	1 19	21 9	1 31	7 20	1 34	22 52	0 0	13 13	2 17	23 30	0 36	16 55	1 18	29 19	5 31	23 44	23 43	15 56		n.a.
F 14	23 24	14 2	4 36	22 14	1 14	20 51	1 30	7 34	1 33	22 54	0 0	13 10	2 17	23 31	0 36	16 55	1 18	29 19	5 31	23 44	23 43	15 58		n.a.
S 15	23 19	17 43	3 58	21 48	1 8	20 32	1 30	7 48	1 33	22 55	0 0	13 8	2 17	23 31	0 36	16 54	1 18	29 20	5 31	23 44	23 43	16 0		n.a.
S 16	23 14	20 41	3 10	21 21	1 2	20 13	1 29	8 2	1 32	22 57	0 0	13 6	2 16	23 31	0 36	16 53	1 17	29 20	5 31	23 44	23 43	16 2		n.a.
M17	23 8	22 47	2 14	20 53	0 56	19 52	1 28	8 15	1 32	22 58	0 0	13 4	2 16	23 31	0 36	16 53	1 17	29 20	5 31	23 45	23 42	16 4		n.a.
T 18	23 2	23 51	1 10	20 24	0 49	19 32	1 27	8 29	1 32	23 0	0n 0	13 2	2 16	23 32	0 36	16 52	1 17	29 20	5 31	23 45	23 42	16 6		n.a.
W19	22 55	23 46	0 2	19 55	0 42	19 11	1 26	8 42	1 31	23 1	0 0	13 0	2 16	23 32	0 36	16 51	1 17	29 20	5 31	23 45	23 42	16 8		n.a.
T 20	22 49	22 28	1s 7	19 24	0 35	18 49	1 25	8 56	1 31	23 3	0 0	12 58	2 16	23 32	0 36	16 51	1 17	29 20	5 32	23 45	23 42	16 10		n.a.
F 21	22 41	19 57	2 14	18 54	0 28	18 27	1 24	9 9	1 30	23 4	0 0	12 55	2 16	23 33	0 36	16 50	1 17	29 20	5 32	23 45	23 42	16 12		n.a.
S 22	22 33	16 23	3 16	18 22	0 21	18 4	1 23	9 22	1 30	23 6	0 1	12 53	2 16	23 33	0 36	16 50	1 17	29 21	5 32	23 44	23 42	16 13		n.a.
S 23	22 25	11 54	4 8	17 50	0 13	17 41	1 22	9 35	1 29	23 7	0 1	12 51	2 16	23 33	0 36	16 49	1 17	29 21	5 32	23 44	23 42	16 15		n.a.
M24	22 17	6 46	4 46	17 18	0 5	17 17	1 21	9 48	1 29	23 8	0 1	12 49	2 16	23 33	0 36	16 48	1 17	29 21	5 32	23 44	23 41	16 17		n.a.
T 25	22 8	1 15	5 8	16 45	0s 3	16 53	1 19	10 0	1 28	23 10	0 1	12 46	2 15	23 34	0 36	16 48	1 17	29 21	5 32	23 44	23 41	16 19		n.a.
W26	21 59	4s24	5 13	16 12	0 11	16 28	1 18	10 13	1 28	23 11	0 1	12 44	2 15	23 34	0 36	16 47	1 17	29 21	5 32	23 44	23 41	16 21		n.a.
T 27	21 49	9 51	4 58	15 39	0 20	16 3	1 16	10 26	1 27	23 12	0 1	12 42	2 15	23 34	0 36	16 46	1 17	29 21	5 32	23 44	23 41	16 23		n.a.
F 28	21 39	14 49	4 26	15 6	0 28	15 38	1 15	10 38	1 27	23 14	0 1	12 39	2 15	23 34	0 36	16 46	1 17	29 21	5 33	23 44	23 41	16 25		n.a.
S 29	21 28	18 59	3 37	14 33	0 37	15 12	1 13	10 50	1 26	23 15	0 1	12 37	2 15	23 35	0 36	16 45	1 17	29 21	5 33	23 44	23 41	16 26		n.a.
S 30	21 17	22 1	2 35	13 59	0 46	14 46	1 11	11 2	1 25	23 16	0 1	12 35	2 15	23 35	0 36	16 44	1 17	29 22	5 33	23 44	23 41	16 28		n.a.
M31	21n 6	23s40	1s23	13n26	0s54	14n19	1n 9	11n14	1s25	23n17	0n 2	12n32	2n15	23s35	0s36	16n44	1n17	29n22	5n33	23s44	23s40	16n30		n.a.

Julian Day Number = 1347588.5, Delta T = 07h10m12s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'19, Lahiri = -18°05'18 Julian Calendar 1 July 1024 BCE == Greg. Calendar 21 June 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

AUGUST 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 59 6	27♋53'26	24♐ 3	23♌34	26♌42	3♉ 8	18♊10	3♍25	14°R39	18♌35	29♊14	25°R23	23♐52	3♉17	n.a.	T 1
W 2	20 3 3	28°51'46	8♑ 0	24°47	27°55	3°41	18°22	3°31	14♑37	18°37	29°15	25♐22	23°49	3°23	n.a.	W 2
T 3	20 6 59	29°50'07	21°47	25°58	29° 8	4°13	18°33	3°38	14°34	18°39	29°17	25°20	23°46	3°30	n.a.	T 3
F 4	20 10 56	0♌48'31	5♒20	27° 7	0♍21	4°45	18°45	3°44	14°32	18°41	29°18	25°16	23°43	3°37	n.a.	F 4
S 5	20 14 53	1°46'56	18°37	28°15	1°34	5°17	18°56	3°51	14°30	18°44	29°20	25°10	23°39	3°44	n.a.	S 5
S 6	20 18 49	2°45'24	1♓36	29°20	2°47	5°48	19° 8	3°57	14°28	18°46	29°21	25° 4	23°36	3°50	n.a.	S 6
M 7	20 22 46	3°43'53	14°18	0♍22	4° 1	6°19	19°19	4° 4	14°25	18°48	29°23	24°58	23°33	3°57	n.a.	M 7
T 8	20 26 42	4°42'25	26°42	1°23	5°14	6°51	19°30	4°10	14°23	18°50	29°24	24°52	23°30	4° 4	n.a.	T 8
W 9	20 30 39	5°40'59	8♈53	2°20	6°27	7°21	19°41	4°17	14°21	18°52	29°26	24°47	23°27	4°10	n.a.	W 9
T 10	20 34 35	6°39'35	20°52	3°15	7°40	7°52	19°52	4°23	14°19	18°54	29°27	24°44	23°23	4°17	n.a.	T 10
F 11	20 38 32	7°38'14	2♉45	4° 7	8°53	8°22	20° 3	4°30	14°17	18°57	29°29	24°D42	23°20	4°24	n.a.	F 11
S 12	20 42 28	8°36'55	14°36	4°56	10° 5	8°52	20°14	4°37	14°15	18°59	29°30	24°42	23°17	4°30	n.a.	S 12
S 13	20 46 25	9°35'38	26°30	5°41	11°18	9°22	20°25	4°43	14°12	19° 1	29°32	24°43	23°14	4°37	n.a.	S 13
M14	20 50 22	10°34'24	8♊32	6°23	12°31	9°51	20°36	4°50	14°10	19° 3	29°33	24°45	23°11	4°44	n.a.	M14
T 15	20 54 18	11°33'13	20°47	7° 1	13°44	10°20	20°46	4°57	14° 8	19° 5	29°35	24°R46	23° 8	4°50	n.a.	T 15
W16	20 58 15	12°32'03	3♋19	7°34	14°57	10°49	20°57	5° 4	14° 6	19° 8	29°36	24°45	23° 4	4°57	n.a.	W16
T 17	21 2 11	13°30'56	16°11	8° 3	16°10	11°17	21° 7	5°11	14° 4	19°10	29°37	24°43	23° 1	5° 4	n.a.	T 17
F 18	21 6 8	14°29'51	29°25	8°27	17°23	11°45	21°18	5°18	14° 2	19°12	29°39	24°39	22°58	5°11	n.a.	F 18
S 19	21 10 4	15°28'49	13♌ 0	8°45	18°36	12°13	21°28	5°24	14° 0	19°14	29°40	24°32	22°55	5°17	n.a.	S 19
S 20	21 14 1	16°27'48	26°54	8°58	19°48	12°41	21°38	5°31	13°58	19°17	29°41	24°24	22°52	5°24	n.a.	S 20
M21	21 17 57	17°26'50	11♍ 3	9°R 4	21° 1	13° 8	21°48	5°38	13°57	19°19	29°43	24°15	22°48	5°31	n.a.	M21
T 22	21 21 54	18°25'53	25°22	9° 4	22°14	13°35	21°58	5°45	13°55	19°21	29°44	24° 7	22°45	5°37	n.a.	T 22
W23	21 25 50	19°24'59	9♎45	8°56	23°26	14° 1	22° 8	5°52	13°53	19°23	29°45	24° 0	22°42	5°44	n.a.	W23
T 24	21 29 47	20°24'06	24° 7	8°42	24°39	14°28	22°18	5°59	13°51	19°26	29°46	23°55	22°39	5°51	n.a.	T 24
F 25	21 33 44	21°23'16	8♏24	8°20	25°52	14°53	22°27	6° 6	13°49	19°28	29°47	23°52	22°36	5°57	n.a.	F 25
S 26	21 37 40	22°22'27	22°34	7°50	27° 4	15°19	22°37	6°13	13°48	19°30	29°49	23°D51	22°33	6° 4	n.a.	S 26
S 27	21 41 37	23°21'40	6♐34	7°12	28°17	15°44	22°46	6°20	13°46	19°32	29°50	23°52	22°29	6°11	n.a.	S 27
M28	21 45 33	24°20'56	20°25	6°27	29°29	16° 8	22°56	6°28	13°44	19°34	29°51	23°R52	22°26	6°17	n.a.	M28
T 29	21 49 30	25°20'13	4♑ 7	5°35	0♎42	16°33	23° 5	6°35	13°43	19°37	29°52	23°52	22°23	6°24	n.a.	T 29
W30	21 53 26	26°19'32	17°39	4°36	1°54	16°57	23°14	6°42	13°41	19°39	29°53	23°50	22°20	6°31	n.a.	W30
T 31	21 57 23	27♌18'53	1♒ 0	3♍32	3♎ 7	17♉20	23♊23	6♍49	13♑40	19♌41	29♊54	23♐45	22♐17	6♉37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n55	23s48	0s 7	12n53	1s 3	13n52	1n 8	11n26	1s24	23n18	0n 2	12n30	2n15	23s36	0s36	16n43	1n17	29n22	5n33	23s44	23s40	16n32			n.a.
W 2	20 43	22 26	1n 8	12 20	1 12	13 25	1 6	11 38	1 24	23 20	0 2	12 27	2 15	23 36	0 36	16 42	1 17	29 22	5 33	23 44	23 40	16 34			n.a.
T 3	20 30	19 44	2 19	11 47	1 21	12 57	1 4	11 50	1 23	23 21	0 2	12 25	2 15	23 36	0 36	16 42	1 17	29 22	5 33	23 44	23 40	16 36			n.a.
F 4	20 18	16 0	3 20	11 15	1 30	12 29	1 2	12 1	1 22	23 22	0 2	12 23	2 14	23 36	0 36	16 41	1 17	29 22	5 34	23 44	23 40	16 37			n.a.
S 5	20 5	11 32	4 10	10 43	1 39	12 0	1 0	12 12	1 22	23 23	0 2	12 20	2 14	23 37	0 36	16 40	1 17	29 23	5 34	23 44	23 40	16 39			n.a.
S 6	19 51	6 39	4 45	10 12	1 48	11 32	0 57	12 24	1 21	23 24	0 2	12 18	2 14	23 37	0 36	16 40	1 17	29 23	5 34	23 43	23 40	16 41			n.a.
M 7	19 37	1 36	5 5	9 41	1 57	11 3	0 55	12 35	1 20	23 25	0 2	12 15	2 14	23 37	0 36	16 39	1 17	29 23	5 34	23 43	23 39	16 43			n.a.
T 8	19 23	3n24	5 10	9 11	2 6	10 34	0 53	12 46	1 20	23 26	0 2	12 13	2 14	23 37	0 36	16 38	1 17	29 23	5 34	23 43	23 39	16 45			n.a.
W 9	19 9	8 10	5 1	8 42	2 15	10 4	0 50	12 56	1 19	23 27	0 3	12 10	2 14	23 37	0 36	16 38	1 17	29 23	5 34	23 43	23 39	16 46			n.a.
T 10	18 54	12 34	4 38	8 14	2 24	9 34	0 48	13 7	1 18	23 28	0 3	12 8	2 14	23 38	0 36	16 37	1 17	29 23	5 34	23 43	23 39	16 48			n.a.
F 11	18 39	16 26	4 4	7 47	2 33	9 4	0 46	13 18	1 17	23 29	0 3	12 5	2 14	23 38	0 36	16 36	1 17	29 24	5 35	23 43	23 39	16 50			n.a.
S 12	18 24	19 39	3 20	7 22	2 41	8 34	0 43	13 28	1 17	23 30	0 3	12 2	2 14	23 38	0 36	16 35	1 17	29 24	5 35	23 43	23 39	16 52			n.a.
S 13	18 8	22 3	2 27	6 57	2 49	8 4	0 40	13 38	1 16	23 31	0 3	12 0	2 14	23 38	0 36	16 35	1 17	29 24	5 35	23 43	23 38	16 53			n.a.
M14	17 52	23 30	1 27	6 34	2 57	7 33	0 38	13 49	1 15	23 32	0 3	11 57	2 14	23 39	0 36	16 34	1 17	29 24	5 35	23 43	23 38	16 55			n.a.
T 15	17 35	23 51	0 22	6 13	3 5	7 2	0 35	13 59	1 14	23 33	0 3	11 55	2 14	23 39	0 36	16 33	1 17	29 24	5 35	23 43	23 38	16 57			n.a.
W16	17 19	23 0	0s46	5 54	3 12	6 31	0 32	14 8	1 14	23 33	0 3	11 52	2 14	23 39	0 36	16 33	1 17	29 24	5 35	23 43	23 38	16 59			n.a.
T 17	17 2	20 57	1 53	5 37	3 19	6 0	0 30	14 18	1 13	23 34	0 3	11 50	2 14	23 39	0 36	16 32	1 17	29 25	5 36	23 43	23 38	17 0			n.a.
F 18	16 44	17 44	2 55	5 22	3 25	5 28	0 27	14 28	1 12	23 35	0 4	11 47	2 14	23 39	0 36	16 31	1 17	29 25	5 36	23 42	23 38	17 2			n.a.
S 19	16 27	13 31	3 50	5 10	3 31	4 57	0 24	14 37	1 11	23 36	0 4	11 44	2 13	23 40	0 36	16 31	1 17	29 25	5 36	23 42	23 37	17 4			n.a.
S 20	16 9	8 29	4 32	5 1	3 36	4 25	0 21	14 46	1 10	23 37	0 4	11 42	2 13	23 40	0 36	16 30	1 17	29 25	5 36	23 42	23 37	17 6			n.a.
M21	15 51	2 57	4 58	4 54	3 40	3 53	0 18	14 56	1 9	23 37	0 4	11 39	2 13	23 40	0 36	16 29	1 17	29 25	5 36	23 41	23 37	17 7			n.a.
T 22	15 32	2s48	5 6	4 51	3 43	3 22	0 15	15 5	1 8	23 38	0 4	11 36	2 13	23 40	0 36	16 28	1 17	29 26	5 37	23 41	23 37	17 9			n.a.
W23	15 14	8 25	4 54	4 52	3 45	2 50	0 12	15 14	1 7	23 39	0 4	11 34	2 13	23 40	0 36	16 28	1 17	29 26	5 37	23 41	23 37	17 11			n.a.
T 24	14 55	13 35	4 25	4 57	3 46	2 18	0 9	15 22	1 7	23 40	0 4	11 31	2 13	23 41	0 36	16 27	1 17	29 26	5 37	23 40	23 37	17 13			n.a.
F 25	14 36	17 58	3 38	5 6	3 46	1 46	0 6	15 31	1 6	23 40	0 4	11 28	2 13	23 41	0 36	16 26	1 17	29 26	5 37	23 40	23 36	17 14			n.a.
S 26	14 16	21 16	2 39	5 19	3 44	1 13	0 3	15 39	1 5	23 41	0 5	11 26	2 13	23 41	0 36	16 26	1 17	29 26	5 37	23 40	23 36	17 16			n.a.
S 27	13 57	23 15	1 31	5 36	3 40	0 41	0s 0	15 48	1 4	23 42	0 5	11 23	2 13	23 41	0 36	16 25	1 17	29 26	5 37	23 40	23 36	17 18			n.a.
M28	13 37	23 46	0 18	5 58	3 35	0 9	0 4	15 56	1 3	23 42	0 5	11 20	2 13	23 41	0 36	16 24	1 17	29 27	5 38	23 40	23 36	17 19			n.a.
T 29	13 17	22 51	0n54	6 24	3 27	0s23	0 7	16 4	1 2	23 43	0 5	11 18	2 13	23 41	0 36	16 24	1 17	29 27	5 38	23 40	23 36	17 21			n.a.
W30	12 56	20 36	2 3	6 54	3 18	0 55	0 10	16 12	1 0	23 44	0 5	11 15	2 13	23 41	0 36	16 23	1 17	29 27	5 38	23 40	23 35	17 23			n.a.
T 31	12n36	17s15	3n 4	7n28	3s 7	1s28	0s13	16n20	0s59	23n44	0n 5	11n12	2n13	23s42	0s36	16n22	1n17	29n27	5n38	23s40	23s35	17n25			n.a.

Julian Day Number = 1347619.5, Delta T = 07h10m10s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'15, Lahiri = -18°05'14 Julian Calendar 1 Aug. 1024 BCE == Greg. Calendar 22 July 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

SEPTEMBER 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 1 19	28♌18'15	14♒11	2°R24	4♎19	17♉43	23♊32	6♍56	13°R38	19♌43	29♊55	23°R37	22♐14	6♉44	n.a.	F 1
S 2	22 5 16	29°17'40	27°10	1♍14	5°31	18° 6	23°41	7° 3	13♏37	19°46	29°56	23♐27	22°10	6°51	n.a.	S 2
S 3	22 9 13	0♍17'08	9♓55	0° 2	6°44	18°28	23°49	7°10	13°35	19°48	29°57	23°15	22° 7	6°57	n.a.	S 3
M 4	22 13 9	1°16'37	22°27	28♌52	7°56	18°50	23°58	7°18	13°34	19°50	29°58	23° 3	22° 4	7° 4	n.a.	M 4
T 5	22 17 6	2°16'09	4♈46	27°45	9° 8	19°11	24° 6	7°25	13°33	19°52	29°59	22°51	22° 1	7°11	n.a.	T 5
W 6	22 21 2	3°15'43	16°53	26°43	10°20	19°32	24°14	7°32	13°31	19°54	0♋ 0	22°41	21°58	7°18	n.a.	W 6
T 7	22 24 59	4°15'19	28°50	25°48	11°33	19°53	24°22	7°39	13°30	19°57	0° 1	22°33	21°54	7°24	n.a.	T 7
F 8	22 28 55	5°14'57	10♉41	25° 2	12°45	20°13	24°30	7°46	13°29	19°59	0° 2	22°27	21°51	7°31	n.a.	F 8
S 9	22 32 52	6°14'39	22°29	24°25	13°57	20°32	24°38	7°53	13°28	20° 1	0° 3	22°25	21°48	7°38	n.a.	S 9
S 10	22 36 48	7°14'22	4♊21	23°59	15° 9	20°51	24°46	8° 1	13°26	20° 3	0° 4	22°D24	21°45	7°44	n.a.	S 10
M11	22 40 45	8°14'08	16°21	23°44	16°21	21°10	24°54	8° 8	13°25	20° 5	0° 5	22°R24	21°42	7°51	n.a.	M11
T 12	22 44 41	9°13'56	28°35	23°D40	17°33	21°28	25° 1	8°15	13°24	20° 7	0° 6	22°24	21°39	7°58	n.a.	T 12
W13	22 48 38	10°13'47	11♋ 7	23°47	18°45	21°45	25° 8	8°22	13°23	20° 9	0° 6	22°22	21°35	8° 4	n.a.	W13
T 14	22 52 35	11°13'40	24° 3	24° 5	19°56	22° 2	25°16	8°29	13°22	20°12	0° 7	22°19	21°32	8°11	n.a.	T 14
F 15	22 56 31	12°13'36	7♌25	24°33	21° 8	22°18	25°23	8°37	13°22	20°14	0° 8	22°13	21°29	8°18	n.a.	F 15
S 16	23 0 28	13°13'33	21°15	25°11	22°20	22°34	25°30	8°44	13°21	20°16	0° 9	22° 4	21°26	8°24	n.a.	S 16
S 17	23 4 24	14°13'33	5♍28	25°57	23°32	22°49	25°36	8°51	13°20	20°18	0° 9	21°53	21°23	8°31	n.a.	S 17
M18	23 8 21	15°13'35	20° 2	26°50	24°43	23° 4	25°43	8°58	13°19	20°20	0°10	21°41	21°20	8°38	n.a.	M18
T 19	23 12 17	16°13'38	4♎48	27°51	25°55	23°18	25°49	9° 5	13°18	20°22	0°10	21°29	21°16	8°44	n.a.	T 19
W20	23 16 14	17°13'44	19°38	28°58	27° 6	23°31	25°56	9°13	13°18	20°24	0°11	21°19	21°13	8°51	n.a.	W20
T 21	23 20 10	18°13'52	4♏23	0♍10	28°18	23°44	26° 2	9°20	13°17	20°26	0°12	21°11	21°10	8°58	n.a.	T 21
F 22	23 24 7	19°14'01	18°58	1°27	29°29	23°56	26° 8	9°27	13°17	20°28	0°12	21° 7	21° 7	9° 4	n.a.	F 22
S 23	23 28 3	20°14'12	3♐17	2°48	0♏41	24° 8	26°13	9°34	13°16	20°30	0°13	21° 5	21° 4	9°11	n.a.	S 23
S 24	23 32 0	21°14'25	17°19	4°12	1°52	24°18	26°19	9°41	13°16	20°32	0°13	21° 4	21° 0	9°18	n.a.	S 24
M25	23 35 57	22°14'39	1♑ 3	5°38	3° 3	24°28	26°25	9°48	13°15	20°34	0°14	21° 4	20°57	9°25	n.a.	M25
T 26	23 39 53	23°14'55	14°31	7° 7	4°15	24°38	26°30	9°55	13°15	20°36	0°14	21° 3	20°54	9°31	n.a.	T 26
W27	23 43 50	24°15'13	27°45	8°38	5°26	24°47	26°35	10° 2	13°14	20°38	0°15	21° 0	20°51	9°38	n.a.	W27
T 28	23 47 46	25°15'32	10♒47	10°11	6°37	24°55	26°40	10° 9	13°14	20°40	0°15	20°54	20°48	9°45	n.a.	T 28
F 29	23 51 43	26°15'53	23°36	11°45	7°48	25° 2	26°45	10°16	13°14	20°42	0°15	20°45	20°45	9°51	n.a.	F 29
S 30	23 55 39	27♍16'16	6♓15	13♍20	8♏59	25♉ 9	26♊50	10♍23	13♏14	20♌44	0♋16	20♐33	20♐41	9♉58	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n15	13s 6	3n54	8n 5	2s53	2s 0	0s17	16n27	0s58	23n45	0n 5	11n10	2n13	23s42	0s36	16n21	1n18	29n27	5n38	23s40	23s35	17n26		n.a.
S 2	11 54	8 24	4 31	8 45	2 38	2 32	0 20	16 35	0 57	23 45	0 6	11 7	2 13	23 42	0 36	16 21	1 18	29 28	5 39	23 39	23 35	17 28		n.a.
S 3	11 33	3 26	4 54	9 26	2 21	3 4	0 23	16 42	0 56	23 46	0 6	11 4	2 13	23 42	0 36	16 20	1 18	29 28	5 39	23 38	23 35	17 30		n.a.
M 4	11 11	1n34	5 2	10 8	2 3	3 36	0 27	16 49	0 55	23 46	0 6	11 1	2 13	23 42	0 36	16 19	1 18	29 28	5 39	23 38	23 35	17 31		n.a.
T 5	10 50	6 26	4 56	10 50	1 44	4 8	0 30	16 56	0 54	23 47	0 6	10 59	2 13	23 42	0 36	16 19	1 18	29 28	5 39	23 37	23 34	17 33		n.a.
W 6	10 28	10 58	4 36	11 30	1 24	4 40	0 34	17 3	0 52	23 47	0 6	10 56	2 13	23 42	0 36	16 18	1 18	29 29	5 40	23 37	23 34	17 35		n.a.
T 7	10 6	15 1	4 4	12 8	1 3	5 12	0 37	17 10	0 51	23 48	0 6	10 53	2 13	23 43	0 36	16 17	1 18	29 29	5 40	23 36	23 34	17 36		n.a.
F 8	9 44	18 27	3 22	12 42	0 43	5 44	0 40	17 17	0 50	23 48	0 6	10 51	2 13	23 43	0 35	16 17	1 18	29 29	5 40	23 36	23 34	17 38		n.a.
S 9	9 22	21 7	2 32	13 13	0 23	6 15	0 44	17 23	0 49	23 49	0 6	10 48	2 13	23 43	0 35	16 16	1 18	29 29	5 40	23 36	23 34	17 40		n.a.
S 10	8 59	22 53	1 34	13 40	0 4	6 47	0 47	17 29	0 47	23 49	0 7	10 45	2 13	23 43	0 35	16 15	1 18	29 29	5 40	23 36	23 33	17 41		n.a.
M11	8 37	23 38	0 32	14 2	0n14	7 18	0 51	17 36	0 46	23 50	0 7	10 42	2 13	23 43	0 35	16 15	1 18	29 30	5 41	23 36	23 33	17 43		n.a.
T 12	8 14	23 16	0s33	14 19	0 31	7 49	0 54	17 42	0 45	23 50	0 7	10 40	2 13	23 43	0 35	16 14	1 18	29 30	5 41	23 36	23 33	17 44		n.a.
W13	7 51	21 43	1 38	14 32	0 46	8 20	0 58	17 47	0 43	23 51	0 7	10 37	2 13	23 43	0 35	16 13	1 18	29 30	5 41	23 36	23 33	17 46		n.a.
T 14	7 28	19 2	2 39	14 39	1 0	8 51	1 1	17 53	0 42	23 51	0 7	10 34	2 13	23 43	0 35	16 13	1 18	29 30	5 41	23 35	23 33	17 48		n.a.
F 15	7 5	15 15	3 34	14 41	1 13	9 22	1 4	17 59	0 41	23 51	0 7	10 32	2 14	23 43	0 35	16 12	1 18	29 30	5 41	23 35	23 32	17 49		n.a.
S 16	6 42	10 34	4 19	14 39	1 24	9 52	1 8	18 4	0 39	23 52	0 7	10 29	2 14	23 43	0 35	16 11	1 18	29 31	5 42	23 35	23 32	17 51		n.a.
S 17	6 18	5 11	4 48	14 32	1 33	10 23	1 11	18 10	0 38	23 52	0 8	10 26	2 14	23 43	0 35	16 11	1 18	29 31	5 42	23 34	23 32	17 52		n.a.
M18	5 55	0s35	5 0	14 21	1 42	10 53	1 15	18 15	0 36	23 52	0 8	10 23	2 14	23 43	0 35	16 10	1 18	29 31	5 42	23 33	23 32	17 54		n.a.
T 19	5 31	6 24	4 52	14 6	1 48	11 22	1 18	18 20	0 35	23 53	0 8	10 21	2 14	23 43	0 35	16 9	1 18	29 31	5 42	23 32	23 31	17 56		n.a.
W20	5 7	11 52	4 25	13 48	1 54	11 52	1 21	18 25	0 33	23 53	0 8	10 18	2 14	23 44	0 35	16 9	1 18	29 32	5 43	23 32	23 31	17 57		n.a.
T 21	4 43	16 37	3 40	13 26	1 58	12 21	1 25	18 30	0 32	23 54	0 8	10 15	2 14	23 44	0 35	16 8	1 18	29 32	5 43	23 31	23 31	17 59		n.a.
F 22	4 20	20 18	2 41	13 1	2 2	12 50	1 28	18 34	0 30	23 54	0 8	10 13	2 14	23 44	0 35	16 7	1 18	29 32	5 43	23 31	23 31	18 0		n.a.
S 23	3 56	22 39	1 33	12 33	2 4	13 19	1 31	18 39	0 28	23 54	0 8	10 10	2 14	23 44	0 35	16 7	1 18	29 32	5 43	23 31	23 31	18 2		n.a.
S 24	3 32	23 32	0 20	12 4	2 5	13 47	1 34	18 43	0 27	23 54	0 9	10 7	2 14	23 44	0 35	16 6	1 18	29 32	5 43	23 31	23 30	18 4		n.a.
M25	3 7	22 56	0n53	11 31	2 5	14 15	1 38	18 47	0 25	23 55	0 9	10 5	2 14	23 44	0 35	16 6	1 18	29 33	5 44	23 31	23 30	18 5		n.a.
T 26	2 43	21 1	2 1	10 58	2 5	14 43	1 41	18 51	0 23	23 55	0 9	10 2	2 14	23 44	0 35	16 5	1 18	29 33	5 44	23 31	23 30	18 7		n.a.
W27	2 19	17 59	3 1	10 22	2 4	15 10	1 44	18 55	0 21	23 55	0 9	9 59	2 14	23 44	0 35	16 4	1 18	29 33	5 44	23 30	23 30	18 8		n.a.
T 28	1 55	14 7	3 50	9 45	2 2	15 37	1 47	18 59	0 20	23 56	0 9	9 57	2 14	23 44	0 35	16 4	1 18	29 33	5 44	23 30	23 30	18 10		n.a.
F 29	1 30	9 39	4 28	9 6	2 0	16 4	1 50	19 2	0 18	23 56	0 9	9 54	2 14	23 44	0 35	16 3	1 18	29 34	5 45	23 29	23 29	18 11		n.a.
S 30	1n 6	4s52	4n51	8n27	1n57	16s30	1s53	19n 6	0s16	23n56	0n10	9n51	2n14	23s44	0s35	16n 3	1n18	29n34	5n45	23s28	23s29	18n13		n.a.

Julian Day Number = 1347650.5, Delta T = 07h10m09s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'10, Lahiri = -18°05'10 Julian Calendar 1 Sept. 1024 BCE == Greg. Calendar 22 Aug. 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

OCTOBER 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 36	28♍16'40	18♓44	14♍55	10♏10	25♉14	26♊54	10♍30	13°R14	20♎46	0♋16	20°R19	20♐38	10♉ 5	n.a.	S 1
M 2	0 3 32	29°17'06	1♈ 3	16°31	11°20	25°20	26°58	10°37	13♏14	20°47	0°16	20♐ 5	20°35	10°11	n.a.	M 2
T 3	0 7 29	0♎17'33	13°12	18° 8	12°31	25°24	27° 2	10°44	13°D14	20°49	0°16	19°51	20°32	10°18	n.a.	T 3
W 4	0 11 26	1°18'03	25°12	19°45	13°42	25°27	27° 6	10°51	13°14	20°51	0°17	19°39	20°29	10°25	n.a.	W 4
T 5	0 15 22	2°18'34	7♉ 5	21°22	14°52	25°30	27°10	10°58	13°14	20°53	0°17	19°29	20°25	10°31	n.a.	T 5
F 6	0 19 19	3°19'08	18°54	22°59	16° 3	25°32	27°14	11° 5	13°14	20°55	0°17	19°23	20°22	10°38	n.a.	F 6
S 7	0 23 15	4°19'43	0♊41	24°36	17°13	25°33	27°17	11°12	13°14	20°56	0°17	19°19	20°19	10°45	n.a.	S 7
S 8	0 27 12	5°20'20	12°31	26°13	18°23	25°R34	27°20	11°19	13°14	20°58	0°17	19°17	20°16	10°51	n.a.	S 8
M 9	0 31 8	6°20'59	24°28	27°50	19°33	25°33	27°24	11°25	13°15	21° 0	0°17	19°D17	20°13	10°58	n.a.	M 9
T 10	0 35 5	7°21'40	6♋39	29°27	20°44	25°32	27°26	11°32	13°15	21° 2	0°17	19°R17	20°10	11° 5	n.a.	T 10
W11	0 39 1	8°22'23	19° 7	1♌ 3	21°54	25°30	27°29	11°39	13°15	21° 3	0°R17	19°17	20° 6	11°11	n.a.	W11
T 12	0 42 58	9°23'07	1♎59	2°40	23° 3	25°27	27°32	11°45	13°16	21° 5	0°17	19°15	20° 3	11°18	n.a.	T 12
F 13	0 46 55	10°23'54	15°19	4°16	24°13	25°23	27°34	11°52	13°16	21° 6	0°17	19°10	20° 0	11°25	n.a.	F 13
S 14	0 50 51	11°24'42	29° 8	5°52	25°23	25°18	27°36	11°59	13°17	21° 8	0°17	19° 3	19°57	11°31	n.a.	S 14
S 15	0 54 48	12°25'31	13♍27	7°28	26°33	25°13	27°38	12° 5	13°17	21°10	0°17	18°53	19°54	11°38	n.a.	S 15
M16	0 58 44	13°26'23	28°11	9° 4	27°42	25° 6	27°40	12°12	13°18	21°11	0°17	18°43	19°51	11°45	n.a.	M16
T 17	1 2 41	14°27'15	13♎13	10°40	28°51	24°59	27°41	12°18	13°19	21°13	0°17	18°33	19°47	11°51	n.a.	T 17
W18	1 6 37	15°28'09	28°23	12°15	0♐ 1	24°51	27°43	12°25	13°20	21°14	0°17	18°24	19°44	11°58	n.a.	W18
T 19	1 10 34	16°29'05	13♏31	13°50	1°10	24°41	27°44	12°31	13°20	21°16	0°17	18°17	19°41	12° 5	n.a.	T 19
F 20	1 14 30	17°30'02	28°28	15°25	2°19	24°31	27°45	12°37	13°21	21°17	0°16	18°13	19°38	12°11	n.a.	F 20
S 21	1 18 27	18°30'59	13♐ 6	17° 0	3°28	24°21	27°45	12°44	13°22	21°18	0°16	18°D11	19°35	12°18	n.a.	S 21
S 22	1 22 24	19°31'58	27°21	18°35	4°37	24° 9	27°46	12°50	13°23	21°20	0°16	18°11	19°31	12°25	n.a.	S 22
M23	1 26 20	20°32'58	11♑12	20°10	5°45	23°57	27°46	12°56	13°24	21°21	0°16	18°12	19°28	12°31	n.a.	M23
T 24	1 30 17	21°33'58	24°41	21°44	6°54	23°43	27°R46	13° 2	13°25	21°23	0°15	18°R12	19°25	12°38	n.a.	T 24
W25	1 34 13	22°34'59	7♒49	23°19	8° 2	23°29	27°46	13° 9	13°26	21°24	0°15	18°11	19°22	12°45	n.a.	W25
T 26	1 38 10	23°36'01	20°39	24°53	9°10	23°15	27°46	13°15	13°27	21°25	0°15	18° 7	19°19	12°51	n.a.	T 26
F 27	1 42 6	24°37'04	3♓15	26°27	10°18	22°59	27°46	13°21	13°29	21°26	0°14	18° 2	19°16	12°58	n.a.	F 27
S 28	1 46 3	25°38'08	15°39	28° 2	11°26	22°43	27°45	13°27	13°30	21°28	0°14	17°53	19°12	13° 5	n.a.	S 28
S 29	1 49 59	26°39'12	27°53	29°36	12°34	22°26	27°44	13°33	13°31	21°29	0°13	17°44	19° 9	13°11	n.a.	S 29
M30	1 53 56	27°40'17	9♈59	1♏10	13°41	22° 8	27°43	13°38	13°33	21°30	0°13	17°34	19° 6	13°18	n.a.	M30
T 31	1 57 53	28♎41'24	21♈58	2♏44	14♐48	21♉49	27♊42	13♍44	13♏34	21♎31	0♋12	17♐24	19♐ 3	13♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	0n42	0n 4	5n 0	7n46	1n53	16s56	1s56	19n 9	0s14	23n56	0n10	9n49	2n15	23s44	0s35	16n 2	1n18	29n34	5n45	23s27	23s29	18n14			n.a.
M 2	0 17	4 55	4 55	7 5	1 49	17 21	1 59	19 12	0 12	23 57	0 10	9 46	2 15	23 44	0 35	16 1	1 18	29 34	5 45	23 26	23 29	18 16			n.a.
T 3	0s 7	9 31	4 36	6 22	1 45	17 46	2 2	19 15	0 10	23 57	0 10	9 44	2 15	23 44	0 35	16 1	1 18	29 35	5 46	23 25	23 28	18 17			n.a.
W 4	0 32	13 41	4 5	5 40	1 41	18 11	2 5	19 18	0 8	23 57	0 10	9 41	2 15	23 44	0 35	16 0	1 18	29 35	5 46	23 24	23 28	18 19			n.a.
T 5	0 56	17 18	3 24	4 56	1 36	18 35	2 7	19 21	0 6	23 57	0 10	9 39	2 15	23 44	0 35	16 0	1 18	29 35	5 46	23 24	23 28	18 21			n.a.
F 6	1 20	20 11	2 34	4 13	1 31	18 58	2 10	19 23	0 4	23 58	0 10	9 36	2 15	23 44	0 35	15 59	1 18	29 35	5 46	23 23	23 28	18 22			n.a.
S 7	1 45	22 12	1 37	3 29	1 25	19 21	2 13	19 25	0 2	23 58	0 11	9 33	2 15	23 43	0 35	15 59	1 19	29 35	5 46	23 23	23 27	18 24			n.a.
S 8	2 9	23 15	0 36	2 45	1 20	19 44	2 15	19 27	0n 0	23 58	0 11	9 31	2 15	23 43	0 35	15 58	1 19	29 36	5 47	23 23	23 27	18 25			n.a.
M 9	2 34	23 14	0s28	2 0	1 14	20 6	2 18	19 29	0 2	23 58	0 11	9 28	2 15	23 43	0 35	15 58	1 19	29 36	5 47	23 23	23 27	18 27			n.a.
T 10	2 58	22 8	1 31	1 16	1 8	20 28	2 20	19 31	0 5	23 59	0 11	9 26	2 16	23 43	0 35	15 57	1 19	29 36	5 47	23 23	23 27	18 28			n.a.
W11	3 22	19 56	2 32	0 31	1 2	20 49	2 23	19 33	0 7	23 59	0 11	9 23	2 16	23 43	0 35	15 57	1 19	29 36	5 47	23 23	23 26	18 30			n.a.
T 12	3 47	16 40	3 27	0s14	0 56	21 10	2 25	19 34	0 9	23 59	0 11	9 21	2 16	23 43	0 35	15 56	1 19	29 37	5 48	23 22	23 26	18 31			n.a.
F 13	4 11	12 29	4 12	0 58	0 49	21 30	2 27	19 36	0 11	23 59	0 12	9 18	2 16	23 43	0 35	15 56	1 19	29 37	5 48	23 22	23 26	18 32			n.a.
S 14	4 35	7 30	4 45	1 43	0 43	21 49	2 29	19 37	0 14	23 59	0 12	9 16	2 16	23 43	0 35	15 55	1 19	29 37	5 48	23 21	23 26	18 34			n.a.
S 15	4 59	1 58	5 2	2 27	0 37	22 8	2 31	19 38	0 16	24 0	0 12	9 14	2 16	23 43	0 35	15 55	1 19	29 37	5 48	23 21	23 26	18 35			n.a.
M16	5 23	3s50	4 59	3 11	0 30	22 27	2 33	19 38	0 18	24 0	0 12	9 11	2 16	23 43	0 35	15 54	1 19	29 38	5 49	23 20	23 25	18 37			n.a.
T 17	5 47	9 31	4 36	3 55	0 24	22 44	2 35	19 39	0 21	24 0	0 12	9 9	2 16	23 43	0 35	15 54	1 19	29 38	5 49	23 19	23 25	18 38			n.a.
W18	6 11	14 41	3 53	4 39	0 17	23 2	2 37	19 39	0 23	24 0	0 12	9 6	2 17	23 43	0 35	15 53	1 19	29 38	5 49	23 18	23 25	18 40			n.a.
T 19	6 35	18 54	2 54	5 23	0 10	23 18	2 39	19 39	0 26	24 0	0 13	9 4	2 17	23 43	0 35	15 53	1 19	29 38	5 49	23 17	23 25	18 41			n.a.
F 20	6 58	21 49	1 43	6 6	0 4	23 34	2 40	19 39	0 28	24 1	0 13	9 2	2 17	23 42	0 35	15 53	1 19	29 38	5 49	23 17	23 24	18 43			n.a.
S 21	7 22	23 11	0 27	6 49	0s 3	23 49	2 42	19 39	0 31	24 1	0 13	8 59	2 17	23 42	0 35	15 52	1 19	29 39	5 50	23 17	23 24	18 44			n.a.
S 22	7 46	22 58	0n49	7 32	0 9	24 4	2 43	19 39	0 33	24 1	0 13	8 57	2 17	23 42	0 34	15 52	1 19	29 39	5 50	23 17	23 24	18 46			n.a.
M23	8 9	21 20	2 0	8 14	0 16	24 18	2 45	19 38	0 36	24 1	0 13	8 55	2 17	23 42	0 34	15 51	1 19	29 39	5 50	23 17	23 24	18 47			n.a.
T 24	8 32	18 32	3 3	8 56	0 22	24 32	2 46	19 37	0 38	24 1	0 14	8 52	2 18	23 42	0 34	15 51	1 19	29 39	5 50	23 17	23 23	18 48			n.a.
W25	8 55	14 50	3 54	9 38	0 28	24 44	2 47	19 36	0 41	24 2	0 14	8 50	2 18	23 42	0 34	15 51	1 19	29 40	5 51	23 17	23 23	18 50			n.a.
T 26	9 18	10 32	4 32	10 19	0 35	24 56	2 48	19 35	0 44	24 2	0 14	8 48	2 18	23 42	0 34	15 50	1 19	29 40	5 51	23 17	23 23	18 51			n.a.
F 27	9 41	5 52	4 56	11 0	0 41	25 8	2 49	19 33	0 46	24 2	0 14	8 46	2 18	23 42	0 34	15 50	1 19	29 40	5 51	23 16	23 22	18 53			n.a.
S 28	10 4	1 3	5 6	11 40	0 47	25 18	2 50	19 31	0 49	24 2	0 14	8 44	2 18	23 41	0 34	15 49	1 19	29 40	5 51	23 15	23 22	18 54			n.a.
S 29	10 26	3n44	5 1	12 20	0 53	25 28	2 50	19 30	0 51	24 2	0 14	8 42	2 18	23 41	0 34	15 49	1 20	29 41	5 52	23 14	23 22	18 55			n.a.
M30	10 49	8 21	4 43	12 59	0 59	25 38	2 51	19 27	0 54	24 2	0 15	8 39	2 19	23 41	0 34	15 49	1 20	29 41	5 52	23 13	23 22	18 57			n.a.
T 31	11s11	12n35	4n13	13s37	1s 5	25s46	2s51	19n25	0n57	24n 3	0n15	8n37	2n19	23s41	0s34	15n48	1n20	29n41	5n52	23s13	23s21	18n58			n.a.

Julian Day Number = 1347680.5, Delta T = 07h10m07s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'06, Lahiri = -18°05'06 Julian Calendar 1 Oct. 1024 BCE == Greg. Calendar 21 Sept. 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

NOVEMBER 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 1 49	29♎42'30	3♉52	4♏18	15♐55	21°R30	27°R41	13♍50	13♑35	21♒32	0°R12	17°R15	19♐ 0	13♉31	n.a.	W 1
T 2	2 5 46	0♏43'38	15°42	5°53	17° 2	21♉11	27♊39	13°56	13°37	21°33	0♋11	17♐ 8	18°56	13°38	n.a.	T 2
F 3	2 9 42	1°44'47	27°30	7°27	18° 9	20°50	27°37	14° 1	13°38	21°34	0°10	17° 4	18°53	13°45	n.a.	F 3
S 4	2 13 39	2°45'57	9♊19	9° 1	19°15	20°30	27°35	14° 7	13°40	21°35	0°10	17° 2	18°50	13°52	n.a.	S 4
S 5	2 17 35	3°47'07	21°11	10°36	20°22	20° 8	27°33	14°12	13°42	21°36	0° 9	17°D 1	18°47	13°58	n.a.	S 5
M 6	2 21 32	4°48'19	3♋10	12°10	21°28	19°47	27°31	14°18	13°43	21°37	0° 9	17° 2	18°44	14° 5	n.a.	M 6
T 7	2 25 28	5°49'31	15°20	13°45	22°33	19°24	27°28	14°23	13°45	21°38	0° 8	17° 4	18°41	14°12	n.a.	T 7
W 8	2 29 25	6°50'45	27°46	15°19	23°39	19° 2	27°25	14°28	13°47	21°39	0° 7	17° 5	18°37	14°18	n.a.	W 8
T 9	2 33 22	7°51'59	10♌33	16°54	24°44	18°39	27°22	14°34	13°49	21°40	0° 6	17°R 6	18°34	14°25	n.a.	T 9
F 10	2 37 18	8°53'14	23°45	18°29	25°49	18°16	27°19	14°39	13°51	21°40	0° 6	17° 5	18°31	14°32	n.a.	F 10
S 11	2 41 15	9°54'29	7♍24	20° 3	26°54	17°52	27°16	14°44	13°52	21°41	0° 5	17° 2	18°28	14°38	n.a.	S 11
S 12	2 45 11	10°55'46	21°33	21°38	27°59	17°29	27°12	14°49	13°54	21°42	0° 4	16°57	18°25	14°45	n.a.	S 12
M13	2 49 8	11°57'03	6♎ 9	23°13	29° 3	17° 5	27° 8	14°54	13°56	21°43	0° 3	16°52	18°22	14°52	n.a.	M13
T 14	2 53 4	12°58'20	21° 8	24°47	0♏ 7	16°41	27° 4	14°59	13°58	21°43	0° 2	16°47	18°18	14°58	n.a.	T 14
W15	2 57 1	13°59'38	6♏21	26°22	1°10	16°17	27° 0	15° 4	14° 1	21°44	0° 2	16°42	18°15	15° 5	n.a.	W15
T 16	3 0 57	15° 0'57	21°38	27°56	2°14	15°53	26°56	15° 8	14° 3	21°45	0° 1	16°39	18°12	15°12	n.a.	T 16
F 17	3 4 54	16° 2'16	6♐49	29°30	3°17	15°29	26°52	15°13	14° 5	21°45	29♊59	16°37	18° 9	15°18	n.a.	F 17
S 18	3 8 51	17° 3'34	21°43	1♐ 4	4°19	15° 5	26°47	15°18	14° 7	21°46	29°59	16°D37	18° 6	15°25	n.a.	S 18
S 19	3 12 47	18° 4'53	6♑16	2°38	5°22	14°41	26°42	15°22	14° 9	21°46	29°58	16°37	18° 2	15°32	n.a.	S 19
M20	3 16 44	19° 6'12	20°22	4°11	6°24	14°18	26°37	15°27	14°12	21°47	29°57	16°39	17°59	15°38	n.a.	M20
T 21	3 20 40	20° 7'31	4♒ 1	5°43	7°25	13°55	26°32	15°31	14°14	21°47	29°56	16°41	17°56	15°45	n.a.	T 21
W22	3 24 37	21° 8'49	17°15	7°14	8°27	13°32	26°27	15°35	14°16	21°48	29°55	16°R41	17°53	15°52	n.a.	W22
T 23	3 28 33	22°10'07	0♓ 6	8°44	9°27	13° 9	26°21	15°39	14°19	21°48	29°54	16°41	17°50	15°58	n.a.	T 23
F 24	3 32 30	23°11'24	12°38	10°13	10°28	12°47	26°16	15°43	14°21	21°48	29°53	16°40	17°47	16° 5	n.a.	F 24
S 25	3 36 27	24°12'42	24°55	11°41	11°28	12°25	26°10	15°48	14°23	21°49	29°52	16°37	17°43	16°12	n.a.	S 25
S 26	3 40 23	25°13'59	7♈ 0	13° 6	12°27	12° 4	26° 4	15°51	14°26	21°49	29°51	16°34	17°40	16°18	n.a.	S 26
M27	3 44 20	26°15'15	18°57	14°29	13°26	11°43	25°58	15°55	14°29	21°49	29°49	16°31	17°37	16°25	n.a.	M27
T 28	3 48 16	27°16'31	0♉49	15°49	14°24	11°23	25°52	15°59	14°31	21°49	29°48	16°27	17°34	16°32	n.a.	T 28
W29	3 52 13	28°17'47	12°39	17° 6	15°22	11° 3	25°46	16° 3	14°34	21°49	29°47	16°24	17°31	16°38	n.a.	W29
T 30	3 56 9	29♏19'03	24♉28	18♐19	16♑20	10♉44	25♊39	16♍ 6	14♑36	21♒50	29♊46	16♐22	17♐28	16♉45	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s33	16n19	3n32	14 s15	1 s10	25 s54	2 s51	19n23	0n59	24n 3	0n15	8n35	2n19	23 s41	0 s34	15n48	1n20	29n41	5n52	23 s12	23 s21	19n 0		n.a.
T 2	11 54	19 22	2 41	14 53	1 16	26 1	2 52	19 20	1 2	24 3	0 15	8 33	2 19	23 41	0 34	15 48	1 20	29 41	5 52	23 11	23 21	19 1		n.a.
F 3	12 16	21 36	1 44	15 29	1 21	26 8	2 52	19 17	1 4	24 3	0 15	8 31	2 19	23 40	0 34	15 48	1 20	29 42	5 53	23 11	23 21	19 2		n.a.
S 4	12 37	22 53	0 42	16 5	1 26	26 13	2 52	19 14	1 7	24 3	0 16	8 29	2 19	23 40	0 34	15 47	1 20	29 42	5 53	23 10	23 20	19 4		n.a.
S 5	12 59	23 9	0 s23	16 40	1 31	26 19	2 51	19 10	1 10	24 3	0 16	8 27	2 20	23 40	0 34	15 47	1 20	29 42	5 53	23 10	23 20	19 5		n.a.
M 6	13 20	22 20	1 27	17 15	1 36	26 23	2 51	19 7	1 12	24 3	0 16	8 25	2 20	23 40	0 34	15 47	1 20	29 42	5 53	23 10	23 20	19 6		n.a.
T 7	13 40	20 28	2 28	17 48	1 40	26 26	2 51	19 3	1 15	24 4	0 16	8 23	2 20	23 40	0 34	15 47	1 20	29 42	5 53	23 11	23 20	19 8		n.a.
W 8	14 1	17 37	3 24	18 21	1 45	26 29	2 50	18 59	1 17	24 4	0 16	8 21	2 20	23 39	0 34	15 46	1 20	29 43	5 54	23 11	23 19	19 9		n.a.
T 9	14 21	13 51	4 11	18 53	1 49	26 32	2 49	18 55	1 20	24 4	0 16	8 19	2 20	23 39	0 34	15 46	1 20	29 43	5 54	23 11	23 19	19 10		n.a.
F 10	14 41	9 19	4 46	19 24	1 53	26 33	2 48	18 51	1 22	24 4	0 17	8 18	2 21	23 39	0 34	15 46	1 20	29 43	5 54	23 11	23 19	19 12		n.a.
S 11	15 1	4 11	5 7	19 54	1 56	26 34	2 47	18 47	1 25	24 4	0 17	8 16	2 21	23 39	0 34	15 46	1 20	29 43	5 54	23 10	23 18	19 13		n.a.
S 12	15 20	1 s21	5 11	20 22	1 59	26 34	2 46	18 42	1 27	24 4	0 17	8 14	2 21	23 38	0 34	15 45	1 20	29 43	5 54	23 10	23 18	19 14		n.a.
M13	15 40	6 58	4 54	20 50	2 2	26 33	2 44	18 38	1 30	24 4	0 17	8 12	2 21	23 38	0 34	15 45	1 20	29 44	5 55	23 9	23 18	19 16		n.a.
T 14	15 59	12 20	4 18	21 17	2 5	26 32	2 43	18 33	1 32	24 4	0 17	8 11	2 22	23 38	0 34	15 45	1 20	29 44	5 55	23 9	23 18	19 17		n.a.
W15	16 17	17 2	3 23	21 42	2 7	26 30	2 41	18 28	1 34	24 4	0 18	8 9	2 22	23 38	0 34	15 45	1 20	29 44	5 55	23 8	23 17	19 18		n.a.
T 16	16 36	20 35	2 13	22 6	2 8	26 27	2 39	18 23	1 37	24 5	0 18	8 7	2 22	23 38	0 34	15 45	1 20	29 44	5 55	23 8	23 17	19 20		n.a.
F 17	16 54	22 40	0 54	22 28	2 10	26 24	2 37	18 18	1 39	24 5	0 18	8 6	2 22	23 37	0 34	15 45	1 21	29 44	5 55	23 8	23 17	19 21		n.a.
S 18	17 12	23 5	0n28	22 50	2 11	26 20	2 35	18 13	1 41	24 5	0 18	8 4	2 22	23 37	0 34	15 45	1 21	29 45	5 56	23 8	23 16	19 22		n.a.
S 19	17 29	21 54	1 46	23 9	2 11	26 15	2 33	18 8	1 43	24 5	0 18	8 2	2 23	23 37	0 34	15 44	1 21	29 45	5 56	23 8	23 16	19 24		n.a.
M20	17 46	19 22	2 55	23 27	2 11	26 10	2 30	18 3	1 45	24 5	0 18	8 1	2 23	23 37	0 34	15 44	1 21	29 45	5 56	23 8	23 16	19 25		n.a.
T 21	18 3	15 48	3 52	23 44	2 10	26 4	2 28	17 58	1 47	24 5	0 19	7 59	2 23	23 36	0 34	15 44	1 21	29 45	5 56	23 8	23 16	19 26		n.a.
W22	18 20	11 33	4 34	23 59	2 9	25 57	2 25	17 53	1 49	24 5	0 19	7 58	2 23	23 36	0 34	15 44	1 21	29 45	5 56	23 8	23 15	19 27		n.a.
T 23	18 36	6 55	5 2	24 12	2 7	25 50	2 22	17 47	1 51	24 5	0 19	7 56	2 24	23 36	0 34	15 44	1 21	29 46	5 57	23 8	23 15	19 29		n.a.
F 24	18 52	2 6	5 14	24 23	2 4	25 42	2 18	17 42	1 53	24 5	0 19	7 55	2 24	23 35	0 34	15 44	1 21	29 46	5 57	23 8	23 15	19 30		n.a.
S 25	19 7	2n42	5 12	24 32	2 1	25 33	2 15	17 37	1 54	24 5	0 19	7 54	2 24	23 35	0 34	15 44	1 21	29 46	5 57	23 8	23 14	19 31		n.a.
S 26	19 22	7 20	4 55	24 39	1 56	25 24	2 11	17 32	1 56	24 5	0 20	7 52	2 24	23 35	0 34	15 44	1 21	29 46	5 57	23 8	23 14	19 32		n.a.
M27	19 37	11 38	4 26	24 44	1 51	25 14	2 8	17 27	1 58	24 5	0 20	7 51	2 25	23 35	0 34	15 44	1 21	29 46	5 57	23 7	23 14	19 34		n.a.
T 28	19 52	15 27	3 46	24 48	1 45	25 4	2 4	17 22	1 59	24 5	0 20	7 50	2 25	23 34	0 34	15 44	1 21	29 46	5 57	23 7	23 13	19 35		n.a.
W29	20 6	18 40	2 56	24 49	1 38	24 53	1 59	17 17	2 1	24 5	0 20	7 49	2 25	23 34	0 34	15 44	1 21	29 47	5 58	23 7	23 13	19 36		n.a.
T 30	20 s19	21n 5	1n58	24 s48	1 s31	24 s42	1 s55	17n13	2n 2	24n 5	0n20	7n47	2n25	23 s34	0 s34	15n44	1n21	29n47	5n58	23 s 6	23 s13	19n37		n.a.

Julian Day Number = 1347711.5, Delta T = 07h10m06s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°12'02, Lahiri = -18°05'02 Julian Calendar 1 Nov. 1024 BCE == Greg. Calendar 22 Oct. 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1024 BCE
geocentric

DECEMBER 1024 BCE (-1023) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 0 6	0♐20'18	6♊19	19♐28	17♑16	10°R26	25°R33	16♍10	14♑39	21♎50	29°R45	16°R21	17♐24	16♉52	n.a.	F 1
S 2	4 4 2	1°21'33	18°13	20°32	18°13	10♉ 8	25♊26	16°13	14°42	21°50	29♊44	16°D20	17°21	16°58	n.a.	S 2
S 3	4 7 59	2°22'48	0♋12	21°29	19° 8	9°51	25°19	16°17	14°44	21°R50	29°42	16♐21	17°18	17° 5	n.a.	S 3
M 4	4 11 56	3°24'02	12°20	22°20	20° 3	9°35	25°12	16°20	14°47	21°50	29°41	16°22	17°15	17°12	n.a.	M 4
T 5	4 15 52	4°25'16	24°38	23° 2	20°58	9°19	25° 5	16°23	14°50	21°50	29°40	16°23	17°12	17°18	n.a.	T 5
W 6	4 19 49	5°26'30	7♌10	23°37	21°51	9° 4	24°58	16°26	14°53	21°50	29°39	16°24	17° 8	17°25	n.a.	W 6
T 7	4 23 45	6°27'43	19°59	24° 1	22°44	8°50	24°51	16°29	14°56	21°49	29°38	16°25	17° 5	17°32	n.a.	T 7
F 8	4 27 42	7°28'56	3♍ 7	24°16	23°37	8°36	24°44	16°32	14°59	21°49	29°36	16°R26	17° 2	17°38	n.a.	F 8
S 9	4 31 38	8°30'08	16°37	24°R19	24°28	8°23	24°36	16°35	15° 2	21°49	29°35	16°25	16°59	17°45	n.a.	S 9
S 10	4 35 35	9°31'21	0♎32	24°11	25°19	8°12	24°29	16°37	15° 5	21°49	29°34	16°25	16°56	17°52	n.a.	S 10
M11	4 39 32	10°32'32	14°50	23°51	26° 9	8° 0	24°21	16°40	15° 7	21°49	29°32	16°24	16°53	17°58	n.a.	M11
T 12	4 43 28	11°33'44	29°30	23°20	26°58	7°50	24°14	16°42	15°10	21°48	29°31	16°24	16°49	18° 5	n.a.	T 12
W13	4 47 25	12°34'55	14♏26	22°38	27°46	7°41	24° 6	16°45	15°14	21°48	29°30	16°23	16°46	18°12	n.a.	W13
T 14	4 51 21	13°36'05	29°32	21°45	28°34	7°32	23°58	16°47	15°17	21°48	29°28	16°23	16°43	18°18	n.a.	T 14
F 15	4 55 18	14°37'15	14♐38	20°44	29°20	7°24	23°50	16°49	15°20	21°47	29°27	16°D23	16°40	18°25	n.a.	F 15
S 16	4 59 14	15°38'23	29°35	19°35	0♒ 6	7°17	23°42	16°51	15°23	21°47	29°26	16°23	16°37	18°32	n.a.	S 16
S 17	5 3 11	16°39'31	14♑15	18°22	0°50	7°11	23°34	16°53	15°26	21°46	29°24	16°R23	16°34	18°38	n.a.	S 17
M18	5 7 7	17°40'37	28°33	17° 6	1°33	7° 6	23°27	16°55	15°29	21°46	29°23	16°23	16°30	18°45	n.a.	M18
T 19	5 11 4	18°41'42	12♒24	15°50	2°16	7° 1	23°19	16°57	15°32	21°45	29°22	16°23	16°27	18°52	n.a.	T 19
W20	5 15 1	19°42'46	25°48	14°35	2°57	6°57	23°11	16°59	15°35	21°45	29°20	16°22	16°24	18°58	n.a.	W20
T 21	5 18 57	20°43'49	8♓46	13°25	3°37	6°54	23° 3	17° 0	15°39	21°44	29°19	16°22	16°21	19° 5	n.a.	T 21
F 22	5 22 54	21°44'49	21°22	12°20	4°15	6°52	22°55	17° 2	15°42	21°44	29°18	16°D22	16°18	19°12	n.a.	F 22
S 23	5 26 50	22°45'49	3♈40	11°22	4°52	6°51	22°47	17° 3	15°45	21°43	29°16	16°22	16°14	19°18	n.a.	S 23
S 24	5 30 47	23°46'47	15°43	10°31	5°28	6°D50	22°39	17° 4	15°48	21°42	29°15	16°23	16°11	19°25	n.a.	S 24
M25	5 34 43	24°47'44	27°37	9°49	6° 3	6°50	22°31	17° 6	15°52	21°42	29°13	16°23	16° 8	19°32	n.a.	M25
T 26	5 38 40	25°48'39	9♉26	9°16	6°36	6°51	22°23	17° 7	15°55	21°41	29°12	16°24	16° 5	19°38	n.a.	T 26
W27	5 42 36	26°49'33	21°14	8°51	7° 7	6°53	22°15	17° 8	15°58	21°40	29°11	16°26	16° 2	19°45	n.a.	W27
T 28	5 46 33	27°50'25	3♊ 4	8°35	7°37	6°55	22° 7	17° 9	16° 1	21°39	29° 9	16°26	15°59	19°51	n.a.	T 28
F 29	5 50 30	28°51'16	14°59	8°27	8° 5	6°58	21°59	17° 9	16° 5	21°39	29° 8	16°R27	15°55	19°58	n.a.	F 29
S 30	5 54 26	29°52'05	27° 2	8°D27	8°32	7° 2	21°51	17°10	16° 8	21°38	29° 6	16°26	15°52	20° 5	n.a.	S 30
S 31	5 58 23	0♑52'53	9♋14	8♐34	8♒56	7♉ 6	21♊43	17♍11	16♑11	21♎37	29♊ 5	16♐25	15♐49	20♉11	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s33	22n37	0n55	24s45	1s22	24s30	1s50	17n 8	2n 3	24n 5	0n20	7n46	2n26	23s33	0s34	15n44	1n21	29n47	5n58	23s 6	23s13	19n39		n.a.
S 2	20 45	23 7	0s10	24 40	1 11	24 18	1 46	17 3	2 5	24 5	0 21	7 45	2 26	23 33	0 34	15 44	1 21	29 47	5 58	23 6	23 12	19 40		n.a.
S 3	20 58	22 33	1 16	24 32	1 0	24 5	1 41	16 59	2 6	24 5	0 21	7 44	2 26	23 33	0 34	15 44	1 21	29 47	5 58	23 6	23 12	19 41		n.a.
M 4	21 10	20 55	2 19	24 23	0 48	23 52	1 36	16 55	2 7	24 5	0 21	7 43	2 26	23 32	0 34	15 44	1 21	29 47	5 58	23 6	23 12	19 42		n.a.
T 5	21 22	18 18	3 17	24 12	0 34	23 38	1 30	16 51	2 8	24 5	0 21	7 42	2 27	23 32	0 34	15 44	1 22	29 47	5 59	23 6	23 11	19 43		n.a.
W 6	21 33	14 48	4 6	23 59	0 19	23 24	1 25	16 47	2 9	24 4	0 21	7 41	2 27	23 32	0 34	15 44	1 22	29 48	5 59	23 7	23 11	19 45		n.a.
T 7	21 44	10 33	4 45	23 44	0 3	23 9	1 19	16 43	2 10	24 4	0 22	7 40	2 27	23 31	0 34	15 44	1 22	29 48	5 59	23 7	23 11	19 46		n.a.
F 8	21 54	5 43	5 9	23 28	0n14	22 54	1 13	16 40	2 11	24 4	0 22	7 39	2 27	23 31	0 34	15 44	1 22	29 48	5 59	23 7	23 10	19 47		n.a.
S 9	22 4	0 30	5 18	23 10	0 32	22 39	1 6	16 36	2 12	24 4	0 22	7 38	2 28	23 31	0 34	15 45	1 22	29 48	5 59	23 7	23 10	19 48		n.a.
S 10	22 14	4s55	5 8	22 51	0 50	22 23	1 0	16 33	2 13	24 4	0 22	7 38	2 28	23 30	0 34	15 45	1 22	29 48	5 59	23 7	23 10	19 49		n.a.
M11	22 23	10 13	4 40	22 31	1 9	22 7	0 53	16 30	2 14	24 4	0 22	7 37	2 28	23 30	0 34	15 45	1 22	29 48	5 59	23 7	23 9	19 51		n.a.
T 12	22 31	15 5	3 52	22 10	1 29	21 51	0 46	16 27	2 15	24 4	0 22	7 36	2 29	23 30	0 34	15 45	1 22	29 48	5 59	23 7	23 9	19 52		n.a.
W13	22 40	19 6	2 49	21 49	1 48	21 34	0 39	16 25	2 15	24 3	0 23	7 35	2 29	23 29	0 34	15 45	1 22	29 49	6 0	23 6	23 9	19 53		n.a.
T 14	22 47	21 52	1 32	21 27	2 7	21 17	0 32	16 23	2 16	24 3	0 23	7 35	2 29	23 29	0 34	15 45	1 22	29 49	6 0	23 6	23 8	19 54		n.a.
F 15	22 55	23 5	0 10	21 5	2 24	21 0	0 24	16 21	2 16	24 3	0 23	7 34	2 29	23 29	0 34	15 45	1 22	29 49	6 0	23 6	23 8	19 55		n.a.
S 16	23 2	22 36	1n13	20 44	2 41	20 43	0 16	16 19	2 17	24 3	0 23	7 34	2 30	23 28	0 34	15 46	1 22	29 49	6 0	23 6	23 8	19 56		n.a.
S 17	23 8	20 34	2 29	20 23	2 55	20 25	0 8	16 17	2 17	24 3	0 23	7 33	2 30	23 28	0 34	15 46	1 22	29 49	6 0	23 6	23 8	19 58		n.a.
M18	23 14	17 17	3 34	20 4	3 8	20 7	0n 1	16 16	2 18	24 2	0 23	7 33	2 30	23 27	0 34	15 46	1 22	29 49	6 0	23 6	23 7	19 59		n.a.
T 19	23 20	13 8	4 24	19 46	3 18	19 49	0 9	16 15	2 18	24 2	0 24	7 32	2 31	23 27	0 34	15 46	1 22	29 49	6 0	23 6	23 7	20 0		n.a.
W20	23 25	8 27	4 58	19 30	3 26	19 31	0 18	16 14	2 19	24 2	0 24	7 32	2 31	23 27	0 34	15 46	1 22	29 49	6 0	23 6	23 7	20 1		n.a.
T 21	23 29	3 33	5 15	19 16	3 32	19 13	0 27	16 13	2 19	24 2	0 24	7 31	2 31	23 26	0 34	15 47	1 22	29 49	6 1	23 6	23 6	20 2		n.a.
F 22	23 33	1n22	5 17	19 5	3 35	18 54	0 37	16 13	2 19	24 1	0 24	7 31	2 31	23 26	0 33	15 47	1 22	29 50	6 1	23 6	23 6	20 3		n.a.
S 23	23 37	6 6	5 4	18 56	3 35	18 36	0 46	16 12	2 20	24 1	0 24	7 31	2 32	23 25	0 33	15 47	1 23	29 50	6 1	23 6	23 6	20 4		n.a.
S 24	23 40	10 32	4 37	18 51	3 34	18 18	0 56	16 12	2 20	24 1	0 24	7 30	2 32	23 25	0 33	15 47	1 23	29 50	6 1	23 6	23 5	20 5		n.a.
M25	23 43	14 30	3 59	18 47	3 31	17 59	1 6	16 13	2 20	24 0	0 24	7 30	2 32	23 25	0 33	15 48	1 23	29 50	6 1	23 6	23 5	20 6		n.a.
T 26	23 45	17 53	3 11	18 47	3 27	17 41	1 17	16 13	2 20	24 0	0 25	7 30	2 33	23 24	0 33	15 48	1 23	29 50	6 1	23 7	23 5	20 8		n.a.
W27	23 47	20 32	2 16	18 49	3 21	17 23	1 27	16 14	2 20	24 0	0 25	7 30	2 33	23 24	0 33	15 48	1 23	29 50	6 1	23 7	23 4	20 9		n.a.
T 28	23 48	22 18	1 14	18 54	3 14	17 4	1 38	16 15	2 20	23 59	0 25	7 30	2 33	23 23	0 33	15 49	1 23	29 50	6 1	23 7	23 4	20 10		n.a.
F 29	23 49	23 5	0 8	19 0	3 6	16 46	1 50	16 16	2 20	23 59	0 25	7 30	2 33	23 23	0 33	15 49	1 23	29 50	6 1	23 7	23 4	20 11		n.a.
S 30	23 49	22 49	0s58	19 9	2 57	16 28	2 1	16 17	2 20	23 59	0 25	7 30	2 34	23 23	0 33	15 49	1 23	29 50	6 1	23 7	23 3	20 12		n.a.
S 31	23s49	21n27	2s 3	19s19	2n48	16s11	2n13	16n18	2n20	23n58	0n25	7n30	2n34	23s22	0s33	15n50	1n23	29n50	6n 1	23s 7	23s 3	20n13		n.a.

Julian Day Number = 1347741.5, Delta T = 07h10m04s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'58, Lahiri = -18°04'58 Julian Calendar 1 Dec. 1024 BCE == Greg. Calendar 21 Nov. 1024 BCE

The year -1023 astronomical counting style corresponds to year 1024 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

JANUARY 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 2 19	1♉53'40	21♋37	8♐48	9♒19	7♉12	21°R35	17♍11	16♉15	21°R36	29°R 4	16°R24	15♐46	20♉18	n.a.	M 1
T 2	6 6 16	2°54'25	4♌12	9° 8	9°40	7°17	21♊27	17°11	16°18	21♌35	29♊ 2	16♐21	15°43	20°25	n.a.	T 2
W 3	6 10 12	3°55'09	17° 0	9°34	9°59	7°24	21°20	17°12	16°22	21°34	29° 1	16°19	15°40	20°31	n.a.	W 3
T 4	6 14 9	4°55'51	0♍ 1	10° 5	10°16	7°31	21°12	17°12	16°25	21°33	28°59	16°16	15°36	20°38	n.a.	T 4
F 5	6 18 6	5°56'32	13°17	10°42	10°30	7°39	21° 5	17°R12	16°28	21°32	28°58	16°14	15°33	20°45	n.a.	F 5
S 6	6 22 2	6°57'12	26°49	11°22	10°43	7°47	20°57	17°12	16°32	21°31	28°57	16°13	15°30	20°51	n.a.	S 6
S 7	6 25 59	7°57'50	10♎37	12° 7	10°53	7°56	20°50	17°12	16°35	21°30	28°55	16°D12	15°27	20°58	n.a.	S 7
M 8	6 29 55	8°58'27	24°40	12°56	11° 2	8° 6	20°42	17°11	16°39	21°29	28°54	16°13	15°24	21° 5	n.a.	M 8
T 9	6 33 52	9°59'03	8♏59	13°48	11° 7	8°16	20°35	17°11	16°42	21°28	28°52	16°14	15°20	21°11	n.a.	T 9
W10	6 37 48	10°59'37	23°31	14°43	11°11	8°27	20°28	17°10	16°46	21°27	28°51	16°16	15°17	21°18	n.a.	W10
T 11	6 41 45	12° 0'10	8♐11	15°41	11°R12	8°38	20°21	17°10	16°49	21°25	28°50	16°17	15°14	21°25	n.a.	T 11
F 12	6 45 41	13° 0'41	22°55	16°42	11°10	8°50	20°14	17° 9	16°52	21°24	28°48	16°R17	15°11	21°31	n.a.	F 12
S 13	6 49 38	14° 1'11	7♑36	17°46	11° 6	9° 2	20° 7	17° 8	16°56	21°23	28°47	16°15	15° 8	21°38	n.a.	S 13
S 14	6 53 35	15° 1'39	22° 7	18°51	11° 0	9°15	20° 1	17° 7	16°59	21°22	28°46	16°13	15° 5	21°45	n.a.	S 14
M15	6 57 31	16° 2'05	6♒21	19°59	10°51	9°29	19°54	17° 6	17° 3	21°21	28°44	16° 9	15° 1	21°51	n.a.	M15
T 16	7 1 28	17° 2'29	20°14	21° 9	10°39	9°43	19°47	17° 5	17° 6	21°19	28°43	16° 4	14°58	21°58	n.a.	T 16
W17	7 5 24	18° 2'51	3♓43	22°21	10°25	9°57	19°41	17° 4	17°10	21°18	28°42	15°59	14°55	22° 5	n.a.	W17
T 18	7 9 21	19° 3'11	16°47	23°35	10° 9	10°12	19°35	17° 3	17°13	21°17	28°40	15°54	14°52	22°11	n.a.	T 18
F 19	7 13 17	20° 3'29	29°28	24°50	9°50	10°28	19°29	17° 1	17°17	21°15	28°39	15°50	14°49	22°18	n.a.	F 19
S 20	7 17 14	21° 3'44	11♈49	26° 7	9°28	10°44	19°23	17° 0	17°20	21°14	28°38	15°48	14°46	22°25	n.a.	S 20
S 21	7 21 10	22° 3'58	23°54	27°26	9° 5	11° 0	19°17	16°58	17°24	21°13	28°37	15°D48	14°42	22°31	n.a.	S 21
M22	7 25 7	23° 4'09	5♉49	28°46	8°39	11°17	19°12	16°57	17°27	21°11	28°35	15°49	14°39	22°38	n.a.	M22
T 23	7 29 4	24° 4'18	17°38	0♑ 8	8°11	11°34	19° 6	16°55	17°30	21°10	28°34	15°50	14°36	22°45	n.a.	T 23
W24	7 33 0	25° 4'24	29°26	1°30	7°41	11°52	19° 1	16°53	17°34	21° 8	28°33	15°52	14°33	22°51	n.a.	W24
T 25	7 36 57	26° 4'29	11♊18	2°55	7° 9	12°10	18°56	16°51	17°37	21° 7	28°32	15°R53	14°30	22°58	n.a.	T 25
F 26	7 40 53	27° 4'31	23°18	4°20	6°36	12°28	18°51	16°49	17°41	21° 5	28°30	15°53	14°26	23° 5	n.a.	F 26
S 27	7 44 50	28° 4'32	5♋30	5°47	6° 1	12°47	18°46	16°47	17°44	21° 4	28°29	15°51	14°23	23°11	n.a.	S 27
S 28	7 48 46	29° 4'30	17°56	7°15	5°25	13° 6	18°41	16°45	17°48	21° 2	28°28	15°47	14°20	23°18	n.a.	S 28
M29	7 52 43	0♒ 4'25	0♌37	8°44	4°49	13°26	18°37	16°42	17°51	21° 1	28°27	15°41	14°17	23°25	n.a.	M29
T 30	7 56 39	1° 4'19	13°33	10°15	4°11	13°46	18°32	16°40	17°54	20°59	28°26	15°34	14°14	23°31	n.a.	T 30
W31	8 0 36	2♒ 4'11	26♌44	11♑46	3♒33	14♉ 6	18♊28	16♍37	17♑58	20♌58	28♊25	15♐25	14♐11	23♉38	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s48	19n 3	3s 3	19s31	2n38	15s53	2n24	16n20	2n20	23n58	0n25	7n30	2n34	23s22	0s33	15n50	1n23	29n50	6n 1	23s 7	23s 3	20n14		n.a.
T 2	23 47	15 43	3 55	19 44	2 28	15 36	2 37	16 22	2 20	23 58	0 25	7 30	2 35	23 21	0 33	15 50	1 23	29 50	6 2	23 6	23 2	20 15		n.a.
W 3	23 45	11 37	4 36	19 58	2 17	15 19	2 49	16 24	2 20	23 57	0 26	7 30	2 35	23 21	0 33	15 51	1 23	29 50	6 2	23 6	23 2	20 16		n.a.
T 4	23 43	6 55	5 3	20 13	2 7	15 2	3 2	16 27	2 20	23 57	0 26	7 30	2 35	23 21	0 33	15 51	1 23	29 50	6 2	23 6	23 1	20 17		n.a.
F 5	23 41	1 50	5 15	20 29	1 56	14 46	3 14	16 29	2 20	23 56	0 26	7 31	2 35	23 20	0 33	15 51	1 23	29 50	6 2	23 6	23 1	20 18		n.a.
S 6	23 38	3s27	5 10	20 45	1 45	14 30	3 27	16 32	2 20	23 56	0 26	7 31	2 36	23 20	0 33	15 52	1 23	29 50	6 2	23 5	23 1	20 19		n.a.
S 7	23 34	8 40	4 48	21 2	1 35	14 15	3 40	16 35	2 20	23 56	0 26	7 31	2 36	23 19	0 33	15 52	1 23	29 51	6 2	23 5	23 0	20 20		n.a.
M 8	23 30	13 32	4 7	21 19	1 24	14 0	3 54	16 38	2 20	23 55	0 26	7 32	2 36	23 19	0 33	15 53	1 23	29 51	6 2	23 5	23 0	20 21		n.a.
T 9	23 26	17 44	3 11	21 36	1 14	13 45	4 7	16 41	2 20	23 55	0 26	7 32	2 37	23 18	0 33	15 53	1 23	29 51	6 2	23 6	23 0	20 22		n.a.
W10	23 21	20 55	2 2	21 53	1 3	13 31	4 21	16 44	2 20	23 54	0 26	7 33	2 37	23 18	0 33	15 53	1 23	29 51	6 2	23 6	22 59	20 23		n.a.
T 11	23 16	22 45	0 44	22 9	0 53	13 18	4 34	16 48	2 19	23 54	0 27	7 33	2 37	23 18	0 33	15 54	1 23	29 51	6 2	23 6	22 59	20 24		n.a.
F 12	23 10	23 1	0n36	22 25	0 43	13 5	4 48	16 52	2 19	23 54	0 27	7 34	2 37	23 17	0 33	15 54	1 23	29 51	6 2	23 6	22 59	20 25		n.a.
S 13	23 4	21 41	1 55	22 41	0 33	12 53	5 2	16 55	2 19	23 53	0 27	7 34	2 38	23 17	0 33	15 55	1 23	29 51	6 2	23 6	22 58	20 26		n.a.
S 14	22 57	18 56	3 4	22 57	0 24	12 42	5 15	16 59	2 19	23 53	0 27	7 35	2 38	23 16	0 33	15 55	1 24	29 51	6 2	23 5	22 58	20 27		n.a.
M15	22 50	15 6	4 1	23 12	0 14	12 31	5 29	17 4	2 18	23 52	0 27	7 35	2 38	23 16	0 33	15 56	1 24	29 51	6 2	23 5	22 58	20 28		n.a.
T 16	22 43	10 31	4 42	23 26	0 5	12 21	5 42	17 8	2 18	23 52	0 27	7 36	2 38	23 15	0 33	15 56	1 24	29 51	6 2	23 4	22 57	20 29		n.a.
W17	22 35	5 34	5 6	23 39	0s 4	12 12	5 56	17 12	2 18	23 52	0 27	7 37	2 39	23 15	0 33	15 57	1 24	29 51	6 2	23 4	22 57	20 30		n.a.
T 18	22 26	0 30	5 13	23 52	0 13	12 4	6 9	17 17	2 18	23 51	0 27	7 38	2 39	23 14	0 33	15 57	1 24	29 51	6 2	23 3	22 57	20 31		n.a.
F 19	22 17	4n25	5 4	24 4	0 21	11 56	6 21	17 22	2 17	23 51	0 27	7 38	2 39	23 14	0 34	15 57	1 24	29 51	6 2	23 3	22 56	20 32		n.a.
S 20	22 8	9 3	4 41	24 15	0 29	11 50	6 34	17 27	2 17	23 50	0 27	7 39	2 40	23 14	0 34	15 58	1 24	29 51	6 2	23 3	22 56	20 33		n.a.
S 21	21 59	13 13	4 6	24 25	0 37	11 44	6 46	17 31	2 17	23 50	0 28	7 40	2 40	23 13	0 34	15 58	1 24	29 51	6 2	23 3	22 55	20 34		n.a.
M22	21 49	16 49	3 21	24 33	0 45	11 40	6 58	17 37	2 17	23 50	0 28	7 41	2 40	23 13	0 34	15 59	1 24	29 51	6 2	23 3	22 55	20 35		n.a.
T 23	21 38	19 43	2 28	24 41	0 52	11 36	7 9	17 42	2 16	23 49	0 28	7 42	2 40	23 12	0 34	15 59	1 24	29 51	6 2	23 3	22 55	20 36		n.a.
W24	21 27	21 47	1 29	24 48	0 59	11 33	7 20	17 47	2 16	23 49	0 28	7 43	2 41	23 12	0 34	16 0	1 24	29 51	6 2	23 3	22 54	20 37		n.a.
T 25	21 16	22 54	0 25	24 53	1 6	11 31	7 30	17 52	2 16	23 49	0 28	7 44	2 41	23 11	0 34	16 0	1 24	29 51	6 2	23 3	22 54	20 38		n.a.
F 26	21 4	22 58	0s40	24 57	1 12	11 31	7 39	17 58	2 15	23 48	0 28	7 45	2 41	23 11	0 34	16 1	1 24	29 51	6 2	23 3	22 54	20 39		n.a.
S 27	20 52	21 58	1 45	25 0	1 19	11 31	7 48	18 3	2 15	23 48	0 28	7 46	2 41	23 10	0 34	16 1	1 24	29 51	6 2	23 3	22 53	20 40		n.a.
S 28	20 40	19 52	2 45	25 1	1 24	11 32	7 55	18 9	2 15	23 48	0 28	7 47	2 42	23 10	0 34	16 2	1 24	29 51	6 2	23 3	22 53	20 41		n.a.
M29	20 27	16 47	3 38	25 1	1 30	11 33	8 2	18 15	2 14	23 47	0 28	7 48	2 42	23 10	0 34	16 2	1 24	29 51	6 2	23 2	22 52	20 42		n.a.
T 30	20 14	12 51	4 21	24 59	1 35	11 36	8 8	18 21	2 14	23 47	0 28	7 50	2 42	23 9	0 34	16 3	1 24	29 51	6 2	23 1	22 52	20 43		n.a.
W31	20s 1	8n14	4s52	24s56	1s40	11s40	8n14	18n26	2n14	23n47	0n28	7n51	2n42	23s 9	0s34	16n 4	1n24	29n51	6n 2	23s 0	22s52	20n44		n.a.

Julian Day Number = 1347772.5, Delta T = 07h10m03s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'54, Lahiri = -18°04'53 Julian Calendar 1 Jan. 1023 BCE == Greg. Calendar 22 Dec. 1024 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

FEBRUARY 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 33	3♒ 4'00	10♍ 8	13♋19	2°R55	14♉27	18°R24	16°R35	18♋ 1	20°R56	28°R24	15°R17	14♐ 7	23♉45	n.a.	T 1
F 2	8 8 29	4° 3'48	23°44	14°53	2♒17	14°48	18♊21	16♍32	18° 4	20♌55	28♊22	15♐10	14° 4	23°51	n.a.	F 2
S 3	8 12 26	5° 3'34	7♎29	16°28	1°40	15° 9	18°17	16°29	18° 8	20°53	28°21	15° 5	14° 1	23°58	n.a.	S 3
S 4	8 16 22	6° 3'18	21°23	18° 5	1° 3	15°30	18°13	16°27	18°11	20°52	28°20	15° 2	13°58	24° 5	n.a.	S 4
M 5	8 20 19	7° 3'00	5♏24	19°42	0°26	15°52	18°10	16°24	18°14	20°50	28°19	15°D 1	13°55	24°11	n.a.	M 5
T 6	8 24 15	8° 2'41	19°31	21°21	29♋51	16°15	18° 7	16°21	18°18	20°48	28°18	15° 1	13°52	24°18	n.a.	T 6
W 7	8 28 12	9° 2'19	3♐44	23° 1	29°18	16°37	18° 4	16°18	18°21	20°47	28°17	15° 2	13°48	24°24	n.a.	W 7
T 8	8 32 8	10° 1'56	17°59	24°42	28°45	17° 0	18° 2	16°14	18°24	20°45	28°16	15°R 2	13°45	24°31	n.a.	T 8
F 9	8 36 5	11° 1'31	2♋16	26°25	28°15	17°23	17°59	16°11	18°28	20°44	28°15	15° 1	13°42	24°38	n.a.	F 9
S 10	8 40 1	12° 1'04	16°30	28° 8	27°46	17°47	17°57	16° 8	18°31	20°42	28°14	14°57	13°39	24°44	n.a.	S 10
S 11	8 43 58	13° 0'35	0♒38	29°53	27°19	18°10	17°55	16° 5	18°34	20°40	28°13	14°51	13°36	24°51	n.a.	S 11
M12	8 47 55	14° 0'04	14°34	1♒40	26°55	18°34	17°53	16° 1	18°37	20°39	28°12	14°43	13°32	24°58	n.a.	M12
T 13	8 51 51	14°59'30	28°15	3°27	26°32	18°59	17°51	15°58	18°40	20°37	28°11	14°32	13°29	25° 4	n.a.	T 13
W14	8 55 48	15°58'54	11♓37	5°16	26°12	19°23	17°49	15°54	18°44	20°35	28°11	14°22	13°26	25°11	n.a.	W14
T 15	8 59 44	16°58'16	24°38	7° 6	25°55	19°48	17°48	15°50	18°47	20°34	28°10	14°12	13°23	25°18	n.a.	T 15
F 16	9 3 41	17°57'36	7♈18	8°57	25°39	20°13	17°47	15°47	18°50	20°32	28° 9	14° 3	13°20	25°24	n.a.	F 16
S 17	9 7 37	18°56'53	19°40	10°50	25°26	20°38	17°46	15°43	18°53	20°30	28° 8	13°57	13°17	25°31	n.a.	S 17
S 18	9 11 34	19°56'07	1♉46	12°44	25°16	21° 3	17°45	15°39	18°56	20°29	28° 7	13°53	13°13	25°38	n.a.	S 18
M19	9 15 30	20°55'20	13°41	14°39	25° 8	21°29	17°44	15°35	18°59	20°27	28° 7	13°51	13°10	25°44	n.a.	M19
T 20	9 19 27	21°54'30	25°30	16°35	25° 2	21°55	17°44	15°31	19° 2	20°26	28° 6	13°D51	13° 7	25°51	n.a.	T 20
W21	9 23 23	22°53'37	7♊19	18°33	24°59	22°21	17°44	15°27	19° 5	20°24	28° 5	13°51	13° 4	25°58	n.a.	W21
T 22	9 27 20	23°52'42	19°13	20°32	24°D58	22°48	17°D44	15°23	19° 8	20°22	28° 4	13°R51	13° 1	26° 4	n.a.	T 22
F 23	9 31 17	24°51'45	1♋16	22°32	25° 0	23°14	17°44	15°19	19°11	20°21	28° 4	13°50	12°57	26°11	n.a.	F 23
S 24	9 35 13	25°50'45	13°34	24°33	25° 4	23°41	17°44	15°15	19°14	20°19	28° 3	13°46	12°54	26°18	n.a.	S 24
S 25	9 39 10	26°49'43	26°10	26°35	25°10	24° 8	17°45	15°11	19°17	20°17	28° 2	13°40	12°51	26°24	n.a.	S 25
M26	9 43 6	27°48'39	9♌ 6	28°38	25°19	24°35	17°45	15° 7	19°20	20°16	28° 2	13°31	12°48	26°31	n.a.	M26
T 27	9 47 3	28°47'32	22°22	0♓42	25°30	25° 2	17°46	15° 3	19°23	20°14	28° 1	13°20	12°45	26°38	n.a.	T 27
W28	9 50 59	29♒46'23	5♍56	2♓46	25♋42	25♉30	17♊47	14♍58	19♋26	20♌12	28♊ 1	13♐ 8	12♐42	26♉44	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s47	3n10	5s 6	24s52	1s44	11s44	8n18	18n32	2n13	23n46	0n28	7n52	2n43	23s 8	0s34	16n 4	1n24	29n51	6n 2	22s59	22s51	20n44		n.a.
F 2	19 33	2s 7	5 4	24 46	1 48	11 49	8 21	18 38	2 13	23 46	0 29	7 53	2 43	23 8	0 34	16 5	1 24	29 51	6 2	22 59	22 51	20 45		n.a.
S 3	19 18	7 22	4 45	24 38	1 52	11 55	8 24	18 44	2 12	23 46	0 29	7 55	2 43	23 7	0 34	16 5	1 24	29 50	6 2	22 58	22 51	20 46		n.a.
S 4	19 3	12 17	4 8	24 28	1 55	12 2	8 25	18 51	2 12	23 46	0 29	7 56	2 43	23 7	0 34	16 6	1 24	29 50	6 2	22 58	22 50	20 47		n.a.
M 5	18 48	16 37	3 17	24 17	1 58	12 9	8 25	18 57	2 12	23 45	0 29	7 57	2 43	23 6	0 34	16 6	1 24	29 50	6 2	22 58	22 50	20 48		n.a.
T 6	18 33	20 1	2 13	24 4	2 1	12 16	8 25	19 3	2 11	23 45	0 29	7 59	2 44	23 6	0 34	16 7	1 24	29 50	6 2	22 58	22 49	20 49		n.a.
W 7	18 17	22 13	1 0	23 50	2 3	12 24	8 24	19 9	2 11	23 45	0 29	8 0	2 44	23 6	0 34	16 7	1 24	29 50	6 2	22 58	22 49	20 50		n.a.
T 8	18 1	23 0	0n16	23 33	2 4	12 33	8 21	19 16	2 11	23 45	0 29	8 1	2 44	23 5	0 34	16 8	1 24	29 50	6 2	22 58	22 49	20 51		n.a.
F 9	17 44	22 17	1 31	23 15	2 5	12 42	8 18	19 22	2 10	23 45	0 29	8 3	2 44	23 5	0 34	16 8	1 24	29 50	6 2	22 58	22 48	20 51		n.a.
S 10	17 27	20 8	2 40	22 55	2 6	12 51	8 15	19 28	2 10	23 44	0 29	8 4	2 44	23 4	0 34	16 9	1 24	29 50	6 2	22 57	22 48	20 52		n.a.
S 11	17 10	16 46	3 39	22 33	2 7	13 1	8 10	19 35	2 9	23 44	0 29	8 6	2 45	23 4	0 34	16 9	1 24	29 50	6 2	22 56	22 47	20 53		n.a.
M12	16 53	12 31	4 24	22 9	2 6	13 11	8 5	19 41	2 9	23 44	0 29	8 7	2 45	23 3	0 34	16 10	1 24	29 50	6 2	22 55	22 47	20 54		n.a.
T 13	16 36	7 42	4 52	21 44	2 6	13 21	7 59	19 48	2 9	23 44	0 29	8 9	2 45	23 3	0 34	16 11	1 24	29 50	6 2	22 54	22 47	20 55		n.a.
W14	16 18	2 39	5 4	21 16	2 5	13 31	7 52	19 54	2 8	23 44	0 29	8 11	2 45	23 3	0 34	16 11	1 24	29 50	6 2	22 53	22 46	20 56		n.a.
T 15	16 0	2n24	4 59	20 46	2 3	13 41	7 45	20 1	2 8	23 44	0 29	8 12	2 45	23 2	0 34	16 12	1 24	29 50	6 2	22 52	22 46	20 56		n.a.
F 16	15 41	7 13	4 40	20 15	2 1	13 51	7 37	20 7	2 7	23 44	0 29	8 14	2 46	23 2	0 34	16 12	1 24	29 50	6 2	22 51	22 45	20 57		n.a.
S 17	15 23	11 37	4 8	19 41	1 58	14 1	7 29	20 14	2 7	23 44	0 29	8 15	2 46	23 1	0 34	16 13	1 24	29 50	6 2	22 50	22 45	20 58		n.a.
S 18	15 4	15 28	3 25	19 6	1 55	14 12	7 21	20 20	2 7	23 44	0 29	8 17	2 46	23 1	0 34	16 13	1 24	29 50	6 2	22 50	22 45	20 59		n.a.
M19	14 45	18 38	2 34	18 28	1 51	14 22	7 12	20 27	2 6	23 44	0 29	8 19	2 46	23 0	0 34	16 14	1 24	29 50	6 1	22 49	22 44	21 0		n.a.
T 20	14 26	21 0	1 36	17 49	1 47	14 32	7 3	20 33	2 6	23 44	0 29	8 20	2 46	23 0	0 34	16 14	1 24	29 50	6 1	22 49	22 44	21 0		n.a.
W21	14 6	22 27	0 35	17 7	1 42	14 42	6 53	20 40	2 5	23 44	0 30	8 22	2 46	23 0	0 34	16 15	1 24	29 49	6 1	22 49	22 43	21 1		n.a.
T 22	13 46	22 54	0s29	16 24	1 37	14 51	6 44	20 46	2 5	23 44	0 30	8 24	2 47	22 59	0 34	16 15	1 24	29 49	6 1	22 49	22 43	21 2		n.a.
F 23	13 26	22 17	1 31	15 39	1 31	15 1	6 34	20 53	2 5	23 44	0 30	8 26	2 47	22 59	0 34	16 16	1 24	29 49	6 1	22 49	22 43	21 3		n.a.
S 24	13 6	20 36	2 31	14 52	1 24	15 10	6 24	20 59	2 4	23 44	0 30	8 27	2 47	22 58	0 34	16 17	1 24	29 49	6 1	22 49	22 42	21 4		n.a.
S 25	12 46	17 54	3 25	14 3	1 17	15 19	6 14	21 6	2 4	23 44	0 30	8 29	2 47	22 58	0 34	16 17	1 24	29 49	6 1	22 48	22 42	21 4		n.a.
M26	12 25	14 15	4 9	13 13	1 9	15 27	6 3	21 12	2 3	23 44	0 30	8 31	2 47	22 58	0 34	16 18	1 24	29 49	6 1	22 47	22 41	21 5		n.a.
T 27	12 5	9 50	4 42	12 21	1 1	15 36	5 53	21 19	2 3	23 44	0 30	8 33	2 47	22 57	0 34	16 18	1 24	29 49	6 1	22 46	22 41	21 6		n.a.
W28	11s44	4n51	4s59	11s28	0s52	15s44	5n42	21n25	2n 2	23n44	0n30	8n34	2n47	22s57	0s34	16n19	1n24	29n49	6n 1	22s44	22s41	21n 7		n.a.

Julian Day Number = 1347803.5, Delta T = 07h10m01s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'50, Lahiri = -18°04'49 Julian Calendar 1 Feb. 1023 BCE == Greg. Calendar 22 Jan. 1023 BCE

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

MARCH 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 54 56	0♓45'12	19♍47	4♓51	25♑57	25♉58	17♊49	14°R54	19♑28	20°R11	28°R 0	12°R57	12♐38	26♉51	n.a.	T 1
F 2	9 58 52	1°43'59	3♎49	6°56	26°14	26°26	17°50	14♍50	19°31	20♌ 9	28♊ 0	12♐46	12°35	26°57	n.a.	F 2
S 3	10 2 49	2°42'44	17°58	9° 0	26°33	26°54	17°52	14°45	19°34	20° 8	27°59	12°38	12°32	27° 4	n.a.	S 3
S 4	10 6 46	3°41'27	2♏10	11° 5	26°54	27°22	17°54	14°41	19°37	20° 6	27°59	12°32	12°29	27°11	n.a.	S 4
M 5	10 10 42	4°40'08	16°22	13° 9	27°16	27°50	17°56	14°37	19°39	20° 4	27°58	12°29	12°26	27°17	n.a.	M 5
T 6	10 14 39	5°38'47	0♐31	15°12	27°40	28°19	17°58	14°32	19°42	20° 3	27°58	12°29	12°23	27°24	n.a.	T 6
W 7	10 18 35	6°37'25	14°37	17°13	28° 6	28°48	18° 0	14°28	19°45	20° 1	27°58	12°29	12°19	27°31	n.a.	W 7
T 8	10 22 32	7°36'01	28°37	19°13	28°34	29°16	18° 3	14°23	19°47	20° 0	27°57	12°28	12°16	27°37	n.a.	T 8
F 9	10 26 28	8°34'36	12♑33	21°11	29° 3	29°46	18° 6	14°19	19°50	19°58	27°57	12°26	12°13	27°44	n.a.	F 9
S 10	10 30 25	9°33'08	26°22	23° 7	29°33	0♊15	18° 8	14°14	19°52	19°57	27°57	12°21	12°10	27°51	n.a.	S 10
S 11	10 34 21	10°31'39	10♒ 4	24°59	0♒ 5	0°44	18°12	14°10	19°55	19°55	27°56	12°13	12° 7	27°57	n.a.	S 11
M12	10 38 18	11°30'07	23°35	26°49	0°39	1°14	18°15	14° 5	19°57	19°54	27°56	12° 3	12° 3	28° 4	n.a.	M12
T 13	10 42 14	12°28'34	6♓54	28°36	1°13	1°43	18°18	14° 1	20° 0	19°52	27°56	11°50	12° 0	28°11	n.a.	T 13
W14	10 46 11	13°26'59	19°59	0♈19	1°49	2°13	18°22	13°56	20° 2	19°51	27°56	11°37	11°57	28°17	n.a.	W14
T 15	10 50 8	14°25'22	2♈47	1°59	2°27	2°43	18°26	13°52	20° 4	19°49	27°56	11°24	11°54	28°24	n.a.	T 15
F 16	10 54 4	15°23'42	15°19	3°34	3° 5	3°13	18°30	13°47	20° 7	19°48	27°55	11°13	11°51	28°31	n.a.	F 16
S 17	10 58 1	16°22'01	27°36	5° 5	3°44	3°43	18°34	13°42	20° 9	19°46	27°55	11° 5	11°48	28°37	n.a.	S 17
S 18	11 1 57	17°20'17	9♉40	6°32	4°25	4°14	18°38	13°38	20°11	19°45	27°55	10°59	11°44	28°44	n.a.	S 18
M19	11 5 54	18°18'32	21°34	7°55	5° 6	4°44	18°43	13°33	20°13	19°43	27°55	10°56	11°41	28°51	n.a.	M19
T 20	11 9 50	19°16'44	3♊22	9°13	5°49	5°15	18°47	13°29	20°16	19°42	27°55	10°54	11°38	28°57	n.a.	T 20
W21	11 13 47	20°14'54	15°10	10°26	6°32	5°45	18°52	13°24	20°18	19°41	27°D55	10°54	11°35	29° 4	n.a.	W21
T 22	11 17 43	21°13'02	27° 4	11°34	7°17	6°16	18°57	13°20	20°20	19°39	27°55	10°54	11°32	29°10	n.a.	T 22
F 23	11 21 40	22°11'08	9♋ 8	12°38	8° 2	6°47	19° 2	13°15	20°22	19°38	27°55	10°53	11°29	29°17	n.a.	F 23
S 24	11 25 37	23° 9'12	21°28	13°37	8°48	7°18	19° 7	13°11	20°24	19°36	27°55	10°50	11°25	29°24	n.a.	S 24
S 25	11 29 33	24° 7'14	4♌ 8	14°30	9°35	7°49	19°13	13° 7	20°26	19°35	27°55	10°45	11°22	29°30	n.a.	S 25
M26	11 33 30	25° 5'14	17°12	15°19	10°23	8°21	19°18	13° 2	20°28	19°34	27°55	10°37	11°19	29°37	n.a.	M26
T 27	11 37 26	26° 3'12	0♍40	16° 2	11°11	8°52	19°24	12°58	20°30	19°33	27°56	10°27	11°16	29°44	n.a.	T 27
W28	11 41 23	27° 1'08	14°32	16°40	12° 1	9°24	19°30	12°54	20°31	19°31	27°56	10°16	11°13	29°50	n.a.	W28
T 29	11 45 19	27°59'02	28°44	17°13	12°51	9°55	19°36	12°49	20°33	19°30	27°56	10° 5	11° 9	29°57	n.a.	T 29
F 30	11 49 16	28°56'54	13♎11	17°41	13°41	10°27	19°42	12°45	20°35	19°29	27°56	9°55	11° 6	0♊ 4	n.a.	F 30
S 31	11 53 12	29♓54'45	27♎46	18♈ 3	14♒33	10♊59	19♊48	12♍41	20♑37	19♌28	27♊57	9♐48	11♐ 3	0♊10	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s23	0s28	4s59	10s33	0s43	15s51	5n32	21n31	2n 2	23n45	0n30	8n36	2n47	22s56	0s34	16n19	1n24	29n49	6n 1	22s43	22s40	21n 7			n.a.
F 2	11 2	5 50	4 41	9 37	0 33	15 58	5 21	21 38	2 2	23 45	0 30	8 38	2 47	22 56	0 34	16 20	1 24	29 49	6 1	22 41	22 40	21 8			n.a.
S 3	10 40	10 56	4 6	8 41	0 23	16 5	5 11	21 44	2 1	23 45	0 30	8 40	2 48	22 56	0 34	16 20	1 25	29 49	6 1	22 40	22 39	21 9			n.a.
S 4	10 19	15 28	3 16	7 43	0 13	16 12	5 1	21 50	2 1	23 45	0 30	8 42	2 48	22 55	0 34	16 21	1 25	29 49	6 1	22 39	22 39	21 10			n.a.
M 5	9 57	19 7	2 14	6 45	0 2	16 17	4 50	21 56	2 0	23 45	0 30	8 43	2 48	22 55	0 34	16 21	1 24	29 48	6 0	22 39	22 38	21 10			n.a.
T 6	9 35	21 36	1 3	5 47	0n 9	16 23	4 40	22 3	2 0	23 46	0 30	8 45	2 48	22 55	0 34	16 22	1 24	29 48	6 0	22 39	22 38	21 11			n.a.
W 7	9 13	22 44	0n11	4 49	0 21	16 28	4 30	22 9	2 0	23 46	0 30	8 47	2 48	22 54	0 34	16 22	1 24	29 48	6 0	22 39	22 38	21 12			n.a.
T 8	8 51	22 24	1 24	3 50	0 32	16 32	4 19	22 15	1 59	23 46	0 30	8 49	2 48	22 54	0 34	16 23	1 24	29 48	6 0	22 39	22 37	21 13			n.a.
F 9	8 29	20 42	2 32	2 53	0 44	16 37	4 9	22 21	1 59	23 46	0 30	8 51	2 48	22 53	0 34	16 23	1 24	29 48	6 0	22 39	22 37	21 13			n.a.
S 10	8 7	17 47	3 30	1 56	0 55	16 40	3 59	22 27	1 58	23 47	0 30	8 53	2 48	22 53	0 34	16 24	1 24	29 48	6 0	22 38	22 36	21 14			n.a.
S 11	7 44	13 55	4 15	1 0	1 7	16 43	3 49	22 33	1 58	23 47	0 30	8 54	2 48	22 53	0 34	16 24	1 24	29 48	6 0	22 37	22 36	21 15			n.a.
M12	7 22	9 23	4 45	0 6	1 18	16 46	3 39	22 39	1 57	23 47	0 30	8 56	2 48	22 52	0 34	16 25	1 24	29 48	6 0	22 35	22 36	21 15			n.a.
T 13	6 59	4 29	4 59	0n48	1 29	16 48	3 30	22 44	1 57	23 48	0 30	8 58	2 48	22 52	0 34	16 25	1 24	29 48	6 0	22 34	22 35	21 16			n.a.
W14	6 36	0n31	4 57	1 39	1 40	16 49	3 20	22 50	1 57	23 48	0 30	9 0	2 48	22 52	0 34	16 26	1 24	29 48	6 0	22 32	22 35	21 17			n.a.
T 15	6 14	5 24	4 40	2 28	1 50	16 50	3 11	22 56	1 56	23 48	0 30	9 2	2 48	22 51	0 34	16 26	1 24	29 48	6 0	22 30	22 34	21 17			n.a.
F 16	5 51	9 57	4 10	3 16	2 0	16 50	3 1	23 1	1 56	23 49	0 30	9 3	2 48	22 51	0 35	16 27	1 24	29 48	6 0	22 29	22 34	21 18			n.a.
S 17	5 28	14 0	3 28	4 1	2 9	16 50	2 52	23 7	1 55	23 49	0 30	9 5	2 48	22 51	0 35	16 27	1 24	29 47	5 59	22 27	22 33	21 19			n.a.
S 18	5 5	17 25	2 38	4 44	2 17	16 50	2 43	23 12	1 55	23 50	0 30	9 7	2 48	22 51	0 35	16 28	1 24	29 47	5 59	22 27	22 33	21 19			n.a.
M19	4 42	20 3	1 41	5 24	2 25	16 48	2 34	23 18	1 54	23 50	0 30	9 9	2 48	22 50	0 35	16 28	1 24	29 47	5 59	22 26	22 33	21 20			n.a.
T 20	4 18	21 49	0 40	6 2	2 33	16 47	2 25	23 23	1 54	23 50	0 30	9 10	2 48	22 50	0 35	16 28	1 24	29 47	5 59	22 26	22 32	21 21			n.a.
W21	3 55	22 36	0s23	6 37	2 39	16 44	2 16	23 28	1 54	23 51	0 30	9 12	2 48	22 50	0 35	16 29	1 24	29 47	5 59	22 26	22 32	21 21			n.a.
T 22	3 32	22 22	1 25	7 10	2 45	16 41	2 8	23 33	1 53	23 51	0 30	9 14	2 48	22 49	0 35	16 29	1 24	29 47	5 59	22 26	22 31	21 22			n.a.
F 23	3 9	21 6	2 24	7 39	2 49	16 38	1 59	23 38	1 53	23 52	0 30	9 16	2 48	22 49	0 35	16 30	1 24	29 47	5 59	22 26	22 31	21 23			n.a.
S 24	2 46	18 49	3 18	8 6	2 53	16 34	1 51	23 43	1 52	23 52	0 30	9 17	2 48	22 49	0 35	16 30	1 24	29 47	5 59	22 25	22 30	21 23			n.a.
S 25	2 22	15 35	4 3	8 30	2 56	16 29	1 43	23 48	1 52	23 53	0 31	9 19	2 48	22 48	0 35	16 30	1 24	29 47	5 59	22 25	22 30	21 24			n.a.
M26	1 59	11 31	4 37	8 51	2 58	16 24	1 35	23 53	1 51	23 53	0 31	9 21	2 48	22 48	0 35	16 31	1 24	29 47	5 59	22 23	22 29	21 24			n.a.
T 27	1 36	6 47	4 58	9 9	2 59	16 18	1 27	23 57	1 51	23 54	0 31	9 22	2 48	22 48	0 35	16 31	1 24	29 47	5 59	22 22	22 29	21 25			n.a.
W28	1 12	1 34	5 1	9 24	2 59	16 12	1 19	24 2	1 51	23 54	0 31	9 24	2 48	22 48	0 35	16 32	1 24	29 46	5 59	22 20	22 29	21 26			n.a.
T 29	0 49	3s51	4 46	9 35	2 58	16 5	1 11	24 6	1 50	23 55	0 31	9 26	2 48	22 47	0 35	16 32	1 24	29 46	5 58	22 19	22 28	21 26			n.a.
F 30	0 25	9 9	4 13	9 44	2 55	15 58	1 4	24 11	1 50	23 55	0 31	9 27	2 48	22 47	0 35	16 32	1 24	29 46	5 58	22 17	22 28	21 27			n.a.
S 31	0s 2	14s 0	3s23	9n49	2n52	15s50	0n57	24n15	1n49	23n56	0n31	9n29	2n48	22s47	0s35	16n33	1n24	29n46	5n58	22s16	22s27	21n27			n.a.

Julian Day Number = 1347831.5, Delta T = 07h10m00s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'46, Lahiri = -18°04'45 Julian Calendar 1 March 1023 BCE == Greg. Calendar 19 Feb. 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

APRIL 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 9	0♈52'35	12♏22	18♈20	15♒24	11♊31	19♊55	12°R37	20♉38	19°R27	27♊57	9°R43	11♐ 0	0♊17	n.a.	S 1
M 2	12 1 5	1°50'23	26°54	18°32	16°17	12° 3	20° 1	12♍32	20°40	19♎26	27°57	9♐40	10°57	0°24	n.a.	M 2
T 3	12 5 2	2°48'10	11♐17	18°39	17°10	12°35	20° 8	12°28	20°42	19°24	27°57	9°D40	10°54	0°30	n.a.	T 3
W 4	12 8 59	3°45'55	25°28	18°R40	18° 4	13° 7	20°15	12°24	20°43	19°23	27°58	9°40	10°50	0°37	n.a.	W 4
T 5	12 12 55	4°43'39	9♉27	18°37	18°58	13°39	20°22	12°20	20°45	19°22	27°58	9°R40	10°47	0°44	n.a.	T 5
F 6	12 16 52	5°41'23	23°13	18°29	19°53	14°12	20°29	12°16	20°46	19°21	27°59	9°39	10°44	0°50	n.a.	F 6
S 7	12 20 48	6°39'04	6♒46	18°16	20°48	14°44	20°36	12°12	20°47	19°20	27°59	9°35	10°41	0°57	n.a.	S 7
S 8	12 24 45	7°36'45	20° 7	18° 0	21°44	15°17	20°44	12° 8	20°49	19°19	28° 0	9°29	10°38	1° 3	n.a.	S 8
M 9	12 28 41	8°34'24	3♓16	17°39	22°40	15°50	20°51	12° 5	20°50	19°18	28° 0	9°21	10°34	1°10	n.a.	M 9
T 10	12 32 38	9°32'02	16°13	17°15	23°37	16°22	20°59	12° 1	20°51	19°17	28° 1	9°11	10°31	1°17	n.a.	T 10
W11	12 36 34	10°29'39	28°57	16°47	24°34	16°55	21° 7	11°57	20°53	19°16	28° 1	9° 1	10°28	1°23	n.a.	W11
T 12	12 40 31	11°27'14	11♈28	16°18	25°31	17°28	21°15	11°53	20°54	19°16	28° 2	8°51	10°25	1°30	n.a.	T 12
F 13	12 44 28	12°24'48	23°47	15°46	26°29	18° 1	21°23	11°50	20°55	19°15	28° 2	8°42	10°22	1°37	n.a.	F 13
S 14	12 48 24	13°22'21	5♉54	15°12	27°27	18°34	21°31	11°46	20°56	19°14	28° 3	8°35	10°19	1°43	n.a.	S 14
S 15	12 52 21	14°19'52	17°52	14°38	28°26	19° 8	21°39	11°43	20°57	19°13	28° 4	8°30	10°15	1°50	n.a.	S 15
M16	12 56 17	15°17'22	29°43	14° 4	29°25	19°41	21°47	11°39	20°58	19°12	28° 4	8°28	10°12	1°57	n.a.	M16
T 17	13 0 14	16°14'51	11♊30	13°29	0♓24	20°14	21°56	11°36	20°59	19°12	28° 5	8°D28	10° 9	2° 3	n.a.	T 17
W18	13 4 10	17°12'18	23°17	12°56	1°24	20°48	22° 5	11°33	21° 0	19°11	28° 6	8°29	10° 6	2°10	n.a.	W18
T 19	13 8 7	18° 9'44	5♋10	12°24	2°24	21°21	22°13	11°30	21° 1	19°10	28° 6	8°30	10° 3	2°17	n.a.	T 19
F 20	13 12 3	19° 7'09	17°14	11°54	3°24	21°55	22°22	11°26	21° 1	19°10	28° 7	8°R30	10° 0	2°23	n.a.	F 20
S 21	13 16 0	20° 4'32	29°33	11°26	4°25	22°29	22°31	11°23	21° 2	19° 9	28° 8	8°30	9°56	2°30	n.a.	S 21
S 22	13 19 57	21° 1'53	12♌12	11° 2	5°26	23° 2	22°40	11°20	21° 3	19° 8	28° 9	8°28	9°53	2°37	n.a.	S 22
M23	13 23 53	21°59'14	25°16	10°41	6°27	23°36	22°49	11°18	21° 4	19° 8	28°10	8°24	9°50	2°43	n.a.	M23
T 24	13 27 50	22°56'33	8♍47	10°23	7°29	24°10	22°59	11°15	21° 4	19° 7	28°11	8°18	9°47	2°50	n.a.	T 24
W25	13 31 46	23°53'50	22°45	10° 9	8°30	24°44	23° 8	11°12	21° 5	19° 7	28°11	8°12	9°44	2°56	n.a.	W25
T 26	13 35 43	24°51'07	7♎ 8	9°59	9°32	25°18	23°17	11° 9	21° 5	19° 6	28°12	8° 5	9°40	3° 3	n.a.	T 26
F 27	13 39 39	25°48'23	21°50	9°54	10°35	25°52	23°27	11° 7	21° 6	19° 6	28°13	7°59	9°37	3°10	n.a.	F 27
S 28	13 43 36	26°45'37	6♏45	9°D53	11°37	26°27	23°37	11° 4	21° 6	19° 5	28°14	7°54	9°34	3°16	n.a.	S 28
S 29	13 47 32	27°42'51	21°43	9°56	12°40	27° 1	23°46	11° 2	21° 6	19° 5	28°15	7°52	9°31	3°23	n.a.	S 29
M30	13 51 29	28♈40'05	6♐37	10♈ 4	13♓43	27♊35	23♊56	10♍59	21♉ 7	19♌ 5	28♊16	7°D51	9♐28	3♊30	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n21	18s 0	2s20	9n52	2n47	15s41	0n49	24n19	1n49	23n56	0n31	9n31	2n48	22s47	0s35	16n33	1n24	29n46	5n58	22s15	22s27	21n28		n.a.
M 2	0 45	20 52	1 7	9 51	2 41	15 32	0 42	24 23	1 49	23 57	0 31	9 32	2 48	22 47	0 35	16 33	1 24	29 46	5 58	22 15	22 26	21 29		n.a.
T 3	1 8	22 21	0n 9	9 47	2 34	15 22	0 36	24 27	1 48	23 57	0 31	9 34	2 48	22 46	0 35	16 34	1 24	29 46	5 58	22 15	22 26	21 29		n.a.
W 4	1 31	22 21	1 23	9 40	2 26	15 12	0 29	24 31	1 48	23 58	0 31	9 35	2 48	22 46	0 35	16 34	1 24	29 46	5 58	22 15	22 25	21 30		n.a.
T 5	1 54	20 57	2 32	9 30	2 16	15 1	0 22	24 34	1 47	23 58	0 31	9 37	2 48	22 46	0 35	16 34	1 24	29 46	5 58	22 15	22 25	21 30		n.a.
F 6	2 18	18 20	3 30	9 17	2 6	14 50	0 16	24 38	1 47	23 59	0 31	9 38	2 47	22 46	0 35	16 35	1 24	29 46	5 58	22 15	22 24	21 31		n.a.
S 7	2 41	14 44	4 16	9 2	1 54	14 38	0 9	24 41	1 46	23 59	0 31	9 40	2 47	22 46	0 35	16 35	1 24	29 46	5 58	22 14	22 24	21 31		n.a.
S 8	3 4	10 28	4 47	8 44	1 42	14 26	0 3	24 45	1 46	24 0	0 31	9 41	2 47	22 45	0 35	16 35	1 24	29 46	5 58	22 13	22 24	21 32		n.a.
M 9	3 27	5 46	5 3	8 23	1 28	14 13	0s 3	24 48	1 46	24 1	0 31	9 42	2 47	22 45	0 35	16 36	1 24	29 45	5 57	22 12	22 23	21 32		n.a.
T 10	3 50	0 54	5 2	8 0	1 13	14 0	0 9	24 51	1 45	24 1	0 31	9 44	2 47	22 45	0 35	16 36	1 24	29 45	5 57	22 11	22 23	21 33		n.a.
W11	4 13	3n56	4 46	7 35	0 58	13 46	0 14	24 54	1 45	24 2	0 31	9 45	2 47	22 45	0 35	16 36	1 24	29 45	5 57	22 9	22 22	21 34		n.a.
T 12	4 36	8 32	4 17	7 9	0 42	13 32	0 20	24 57	1 44	24 2	0 31	9 46	2 47	22 45	0 35	16 36	1 24	29 45	5 57	22 7	22 22	21 34		n.a.
F 13	4 59	12 42	3 36	6 42	0 26	13 17	0 25	24 59	1 44	24 3	0 31	9 48	2 47	22 45	0 35	16 37	1 24	29 45	5 57	22 6	22 21	21 35		n.a.
S 14	5 22	16 18	2 46	6 13	0 9	13 2	0 31	25 2	1 43	24 3	0 31	9 49	2 46	22 44	0 35	16 37	1 24	29 45	5 57	22 5	22 21	21 35		n.a.
S 15	5 44	19 9	1 49	5 44	0s 8	12 46	0 36	25 4	1 43	24 4	0 31	9 50	2 46	22 44	0 35	16 37	1 24	29 45	5 57	22 4	22 20	21 36		n.a.
M16	6 7	21 10	0 47	5 15	0 25	12 30	0 41	25 7	1 43	24 4	0 31	9 51	2 46	22 44	0 36	16 37	1 24	29 45	5 57	22 4	22 20	21 36		n.a.
T 17	6 29	22 15	0s16	4 45	0 42	12 13	0 46	25 9	1 42	24 5	0 31	9 52	2 46	22 44	0 36	16 37	1 24	29 45	5 57	22 4	22 19	21 37		n.a.
W18	6 52	22 19	1 19	4 17	0 59	11 56	0 51	25 11	1 42	24 6	0 31	9 54	2 46	22 44	0 36	16 38	1 24	29 45	5 57	22 4	22 19	21 37		n.a.
T 19	7 14	21 24	2 19	3 49	1 15	11 38	0 55	25 13	1 41	24 6	0 31	9 55	2 46	22 44	0 36	16 38	1 24	29 45	5 57	22 4	22 18	21 38		n.a.
F 20	7 36	19 29	3 14	3 23	1 31	11 20	1 0	25 14	1 41	24 7	0 31	9 56	2 46	22 44	0 36	16 38	1 24	29 45	5 57	22 4	22 18	21 38		n.a.
S 21	7 58	16 39	4 1	2 58	1 46	11 2	1 4	25 16	1 40	24 7	0 31	9 57	2 45	22 44	0 36	16 38	1 24	29 45	5 56	22 4	22 17	21 39		n.a.
S 22	8 20	12 58	4 38	2 35	2 1	10 43	1 8	25 18	1 40	24 8	0 31	9 58	2 45	22 44	0 36	16 38	1 24	29 45	5 56	22 4	22 17	21 39		n.a.
M23	8 42	8 35	5 1	2 14	2 14	10 24	1 12	25 19	1 39	24 8	0 31	9 59	2 45	22 44	0 36	16 39	1 24	29 44	5 56	22 3	22 16	21 40		n.a.
T 24	9 3	3 38	5 9	1 56	2 27	10 4	1 16	25 20	1 39	24 9	0 31	10 0	2 45	22 44	0 36	16 39	1 24	29 44	5 56	22 2	22 16	21 40		n.a.
W25	9 25	1s39	4 59	1 40	2 38	9 44	1 20	25 21	1 39	24 9	0 31	10 1	2 45	22 43	0 36	16 39	1 24	29 44	5 56	22 1	22 16	21 40		n.a.
T 26	9 46	7 0	4 31	1 26	2 49	9 24	1 24	25 22	1 38	24 10	0 31	10 1	2 45	22 43	0 36	16 39	1 23	29 44	5 56	22 0	22 15	21 41		n.a.
F 27	10 7	12 5	3 44	1 15	2 58	9 3	1 27	25 23	1 38	24 10	0 31	10 2	2 44	22 43	0 36	16 39	1 23	29 44	5 56	21 59	22 15	21 41		n.a.
S 28	10 29	16 30	2 41	1 7	3 7	8 42	1 31	25 23	1 37	24 11	0 31	10 3	2 44	22 43	0 36	16 39	1 23	29 44	5 56	21 58	22 14	21 42		n.a.
S 29	10 49	19 52	1 27	1 2	3 14	8 21	1 34	25 24	1 37	24 11	0 31	10 4	2 44	22 43	0 36	16 39	1 23	29 44	5 56	21 58	22 14	21 42		n.a.
M30	11n10	21s52	0s 7	0n59	3s20	7s59	1s37	25n24	1n36	24n12	0n32	10n 5	2n44	22s43	0s36	16n39	1n23	29n44	5n56	21s58	22s13	21n43		n.a.

Julian Day Number = 1347862.5, Delta T = 07h09m58s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'42, Lahiri = -18°04'41 Julian Calendar 1 Apr. 1023 BCE == Greg. Calendar 22 March 1023 BCE

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

MAY 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 55 26	29♈37'18	21♐19	10♈17	14♓46	28♊10	24♊ 6	10°R57	21♉ 7	19°R 4	28♊17	7♐51	9♐25	3♊36	n.a.	T 1
W 2	13 59 22	0♉34'30	5♉46	10°33	15°50	28°44	24°16	10♍55	21° 7	19♌ 4	28°18	7°52	9°21	3°43	n.a.	W 2
T 3	14 3 19	1°31'42	19°53	10°55	16°54	29°19	24°26	10°53	21° 7	19° 4	28°19	7°54	9°18	3°50	n.a.	T 3
F 4	14 7 15	2°28'53	3♒40	11°21	17°58	29°53	24°37	10°51	21° 8	19° 4	28°21	7°R54	9°15	3°56	n.a.	F 4
S 5	14 11 12	3°26'04	17° 8	11°51	19° 2	0♋28	24°47	10°49	21° 8	19° 3	28°22	7°53	9°12	4° 3	n.a.	S 5
S 6	14 15 8	4°23'15	0♓18	12°25	20° 6	1° 3	24°57	10°47	21°R 8	19° 3	28°23	7°51	9° 9	4°10	n.a.	S 6
M 7	14 19 5	5°20'25	13°11	13° 4	21°11	1°38	25° 8	10°46	21° 8	19° 3	28°24	7°47	9° 5	4°16	n.a.	M 7
T 8	14 23 1	6°17'35	25°51	13°47	22°16	2°12	25°18	10°44	21° 8	19° 3	28°25	7°43	9° 2	4°23	n.a.	T 8
W 9	14 26 58	7°14'45	8♈17	14°33	23°20	2°47	25°29	10°42	21° 7	19° 3	28°26	7°37	8°59	4°30	n.a.	W 9
T 10	14 30 55	8°11'54	20°32	15°24	24°26	3°22	25°40	10°41	21° 7	19° 3	28°28	7°32	8°56	4°36	n.a.	T 10
F 11	14 34 51	9° 9'03	2♉38	16°19	25°31	3°57	25°50	10°40	21° 7	19°D 3	28°29	7°28	8°53	4°43	n.a.	F 11
S 12	14 38 48	10° 6'11	14°35	17°17	26°36	4°33	26° 1	10°38	21° 7	19° 3	28°30	7°25	8°50	4°49	n.a.	S 12
S 13	14 42 44	11° 3'19	26°27	18°19	27°42	5° 8	26°12	10°37	21° 6	19° 3	28°31	7°23	8°46	4°56	n.a.	S 13
M14	14 46 41	12° 0'27	8♊14	19°25	28°48	5°43	26°23	10°36	21° 6	19° 3	28°33	7°D23	8°43	5° 3	n.a.	M14
T 15	14 50 37	12°57'34	20° 1	20°34	29°54	6°18	26°34	10°35	21° 6	19° 3	28°34	7°23	8°40	5° 9	n.a.	T 15
W16	14 54 34	13°54'41	1♋49	21°47	1♈ 0	6°54	26°46	10°34	21° 5	19° 3	28°35	7°25	8°37	5°16	n.a.	W16
T 17	14 58 30	14°51'47	13°43	23° 4	2° 6	7°29	26°57	10°34	21° 5	19° 4	28°37	7°26	8°34	5°23	n.a.	T 17
F 18	15 2 27	15°48'53	25°48	24°23	3°12	8° 5	27° 8	10°33	21° 4	19° 4	28°38	7°28	8°31	5°29	n.a.	F 18
S 19	15 6 24	16°45'58	8♌ 6	25°47	4°19	8°40	27°20	10°32	21° 4	19° 4	28°39	7°29	8°27	5°36	n.a.	S 19
S 20	15 10 20	17°43'03	20°44	27°13	5°26	9°16	27°31	10°32	21° 3	19° 4	28°41	7°R29	8°24	5°43	n.a.	S 20
M21	15 14 17	18°40'08	3♍44	28°43	6°32	9°52	27°43	10°31	21° 2	19° 5	28°42	7°28	8°21	5°49	n.a.	M21
T 22	15 18 13	19°37'12	17°10	0♉17	7°39	10°28	27°54	10°31	21° 1	19° 5	28°43	7°27	8°18	5°56	n.a.	T 22
W23	15 22 10	20°34'15	1♎ 4	1°53	8°46	11° 3	28° 6	10°31	21° 1	19° 5	28°45	7°25	8°15	6° 3	n.a.	W23
T 24	15 26 6	21°31'19	15°25	3°33	9°54	11°39	28°17	10°31	21° 0	19° 6	28°46	7°23	8°11	6° 9	n.a.	T 24
F 25	15 30 3	22°28'22	0♏ 8	5°16	11° 1	12°15	28°29	10°D31	20°59	19° 6	28°48	7°21	8° 8	6°16	n.a.	F 25
S 26	15 33 59	23°25'25	15° 9	7° 2	12° 8	12°51	28°41	10°31	20°58	19° 7	28°49	7°20	8° 5	6°22	n.a.	S 26
S 27	15 37 56	24°22'29	0♐19	8°51	13°16	13°27	28°53	10°31	20°57	19° 7	28°51	7°D19	8° 2	6°29	n.a.	S 27
M28	15 41 53	25°19'32	15°28	10°43	14°24	14° 3	29° 5	10°31	20°56	19° 8	28°52	7°19	7°59	6°36	n.a.	M28
T 29	15 45 49	26°16'36	0♑28	12°38	15°31	14°39	29°17	10°32	20°55	19° 8	28°54	7°20	7°56	6°42	n.a.	T 29
W30	15 49 46	27°13'40	15°11	14°35	16°39	15°16	29°29	10°32	20°54	19° 9	28°55	7°21	7°52	6°49	n.a.	W30
T 31	15 53 42	28♉10'45	29♑31	16♉34	17♈47	15♋52	29♊41	10♍33	20♑53	19♌10	28♊57	7♐21	7♐49	6♊56	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n31	22s19	1n13	1n 0	3s25	7s37	1s40	25n24	1n36	24n12	0n32	10n 5	2n44	22s43	0s36	16n39	1n23	29n44	5n56	21s58	22s13	21n43			n.a.
W 2	11 51	21 15	2 26	1 3	3 29	7 15	1 43	25 24	1 36	24 13	0 32	10 6	2 43	22 43	0 36	16 39	1 23	29 44	5 56	21 58	22 12	21 43			n.a.
T 3	12 11	18 52	3 29	1 8	3 32	6 52	1 46	25 24	1 35	24 13	0 32	10 6	2 43	22 43	0 36	16 39	1 23	29 44	5 56	21 58	22 12	21 44			n.a.
F 4	12 31	15 27	4 18	1 17	3 34	6 29	1 48	25 24	1 35	24 14	0 32	10 7	2 43	22 43	0 36	16 39	1 23	29 44	5 56	21 58	22 11	21 44			n.a.
S 5	12 51	11 18	4 52	1 28	3 35	6 6	1 51	25 23	1 34	24 14	0 32	10 8	2 43	22 43	0 36	16 40	1 23	29 44	5 55	21 58	22 11	21 45			n.a.
S 6	13 11	6 43	5 10	1 41	3 35	5 42	1 53	25 23	1 34	24 15	0 32	10 8	2 43	22 43	0 36	16 40	1 23	29 44	5 55	21 58	22 10	21 45			n.a.
M 7	13 30	1 56	5 11	1 57	3 35	5 19	1 55	25 22	1 33	24 15	0 32	10 9	2 42	22 43	0 36	16 40	1 23	29 44	5 55	21 57	22 10	21 45			n.a.
T 8	13 50	2n51	4 57	2 15	3 33	4 55	1 57	25 21	1 33	24 16	0 32	10 9	2 42	22 44	0 36	16 40	1 23	29 44	5 55	21 56	22 9	21 46			n.a.
W 9	14 9	7 27	4 29	2 36	3 30	4 30	1 59	25 20	1 32	24 16	0 32	10 9	2 42	22 44	0 36	16 40	1 23	29 44	5 55	21 56	22 9	21 46			n.a.
T 10	14 28	11 40	3 49	2 59	3 27	4 6	2 1	25 18	1 32	24 16	0 32	10 10	2 42	22 44	0 36	16 40	1 23	29 44	5 55	21 55	22 8	21 47			n.a.
F 11	14 46	15 23	2 59	3 24	3 23	3 41	2 3	25 17	1 32	24 17	0 32	10 10	2 41	22 44	0 36	16 39	1 23	29 44	5 55	21 54	22 8	21 47			n.a.
S 12	15 5	18 24	2 2	3 51	3 18	3 16	2 5	25 15	1 31	24 17	0 32	10 10	2 41	22 44	0 36	16 39	1 23	29 44	5 55	21 53	22 7	21 47			n.a.
S 13	15 23	20 38	1 0	4 20	3 12	2 51	2 6	25 13	1 31	24 18	0 32	10 11	2 41	22 44	0 36	16 39	1 23	29 44	5 55	21 53	22 7	21 48			n.a.
M14	15 41	21 57	0s 5	4 51	3 6	2 26	2 8	25 12	1 30	24 18	0 32	10 11	2 41	22 44	0 37	16 39	1 23	29 43	5 55	21 53	22 6	21 48			n.a.
T 15	15 58	22 17	1 9	5 24	2 59	2 1	2 9	25 9	1 30	24 18	0 32	10 11	2 41	22 44	0 37	16 39	1 23	29 43	5 55	21 53	22 6	21 48			n.a.
W16	16 16	21 37	2 11	5 58	2 52	1 35	2 10	25 7	1 29	24 19	0 32	10 11	2 40	22 44	0 37	16 39	1 23	29 43	5 55	21 53	22 5	21 49			n.a.
T 17	16 33	19 59	3 7	6 34	2 44	1 9	2 11	25 5	1 29	24 19	0 32	10 11	2 40	22 44	0 37	16 39	1 23	29 43	5 55	21 54	22 5	21 49			n.a.
F 18	16 50	17 27	3 56	7 12	2 35	0 43	2 12	25 2	1 28	24 19	0 32	10 11	2 40	22 44	0 37	16 39	1 23	29 43	5 55	21 54	22 4	21 49			n.a.
S 19	17 7	14 5	4 36	7 51	2 26	0 17	2 13	24 59	1 28	24 20	0 32	10 11	2 40	22 45	0 37	16 39	1 23	29 43	5 55	21 54	22 4	21 50			n.a.
S 20	17 23	10 2	5 3	8 32	2 16	0n 9	2 14	24 56	1 28	24 20	0 32	10 11	2 39	22 45	0 37	16 39	1 23	29 43	5 55	21 54	22 3	21 50			n.a.
M21	17 39	5 24	5 16	9 14	2 6	0 35	2 14	24 53	1 27	24 20	0 32	10 11	2 39	22 45	0 37	16 39	1 23	29 43	5 55	21 54	22 3	21 50			n.a.
T 22	17 55	0 22	5 12	9 57	1 56	1 1	2 15	24 50	1 27	24 20	0 32	10 11	2 39	22 45	0 37	16 38	1 23	29 43	5 55	21 54	22 2	21 51			n.a.
W23	18 10	4s51	4 50	10 41	1 45	1 28	2 15	24 47	1 26	24 21	0 32	10 11	2 39	22 45	0 37	16 38	1 23	29 43	5 55	21 53	22 2	21 51			n.a.
T 24	18 26	9 59	4 10	11 26	1 34	1 54	2 16	24 43	1 26	24 21	0 32	10 11	2 38	22 45	0 37	16 38	1 22	29 43	5 55	21 53	22 1	21 51			n.a.
F 25	18 41	14 41	3 12	12 11	1 23	2 21	2 16	24 39	1 25	24 21	0 33	10 10	2 38	22 45	0 37	16 38	1 22	29 43	5 55	21 53	22 1	21 52			n.a.
S 26	18 55	18 33	2 0	12 57	1 11	2 48	2 16	24 35	1 25	24 21	0 33	10 10	2 38	22 46	0 37	16 38	1 22	29 43	5 55	21 53	22 0	21 52			n.a.
S 27	19 10	21 10	0 39	13 44	1 0	3 14	2 16	24 31	1 24	24 21	0 33	10 10	2 38	22 46	0 37	16 38	1 22	29 43	5 55	21 52	22 0	21 52			n.a.
M28	19 24	22 16	0n45	14 31	0 48	3 41	2 16	24 27	1 24	24 21	0 33	10 10	2 37	22 46	0 37	16 37	1 22	29 43	5 55	21 53	21 59	21 52			n.a.
T 29	19 37	21 44	2 5	15 18	0 36	4 8	2 15	24 23	1 23	24 22	0 33	10 9	2 37	22 46	0 37	16 37	1 22	29 43	5 55	21 53	21 59	21 53			n.a.
W30	19 51	19 42	3 15	16 5	0 24	4 34	2 15	24 18	1 23	24 22	0 33	10 9	2 37	22 46	0 37	16 37	1 22	29 43	5 55	21 53	21 58	21 53			n.a.
T 31	20n 4	16s29	4n11	16n51	0s13	5n 1	2s15	24n13	1n22	24n22	0n33	10n 8	2n37	22s47	0s37	16n37	1n22	29n43	5n55	21s53	21s57	21n53			n.a.

Julian Day Number = 1347892.5, Delta T = 07h09m56s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'38, Lahiri = -18°04'37 Julian Calendar 1 May 1023 BCE == Greg. Calendar 21 Apr. 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

JUNE 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 57 39	29♉ 7'50	13♒28	18♉36	18♈56	16♋28	29♊53	10♍33	20°R52	19♎10	28♊59	7♐22	7♐46	7♊ 2	n.a.	F 1
S 2	16 1 35	0♊ 4'56	26°59	20°39	20° 4	17° 5	0♋ 5	10°34	20♏51	19°11	29° 0	7°R22	7°43	7° 9	n.a.	S 2
S 3	16 5 32	1° 2'02	10♓ 7	22°44	21°12	17°41	0°17	10°35	20°49	19°12	29° 2	7°22	7°40	7°16	n.a.	S 3
M 4	16 9 29	1°59'08	22°54	24°51	22°21	18°18	0°30	10°36	20°48	19°12	29° 3	7°22	7°37	7°22	n.a.	M 4
T 5	16 13 25	2°56'16	5♈23	26°58	23°29	18°54	0°42	10°37	20°47	19°13	29° 5	7°21	7°33	7°29	n.a.	T 5
W 6	16 17 22	3°53'24	17°38	29° 6	24°38	19°31	0°54	10°38	20°45	19°14	29° 7	7°21	7°30	7°36	n.a.	W 6
T 7	16 21 18	4°50'33	29°42	1♊15	25°47	20° 7	1° 7	10°40	20°44	19°15	29° 8	7°21	7°27	7°42	n.a.	T 7
F 8	16 25 15	5°47'42	11♉38	3°24	26°56	20°44	1°19	10°41	20°42	19°16	29°10	7°20	7°24	7°49	n.a.	F 8
S 9	16 29 11	6°44'52	23°28	5°32	28° 5	21°21	1°32	10°42	20°41	19°17	29°12	7°20	7°21	7°56	n.a.	S 9
S 10	16 33 8	7°42'03	5♊15	7°41	29°14	21°58	1°44	10°44	20°39	19°18	29°13	7°20	7°17	8° 2	n.a.	S 10
M11	16 37 4	8°39'14	17° 2	9°48	0♉23	22°35	1°57	10°45	20°38	19°19	29°15	7°20	7°14	8° 9	n.a.	M11
T 12	16 41 1	9°36'26	28°51	11°55	1°33	23°12	2° 9	10°47	20°36	19°20	29°17	7°20	7°11	8°15	n.a.	T 12
W13	16 44 58	10°33'38	10♋44	14° 1	2°42	23°49	2°22	10°49	20°35	19°21	29°18	7°20	7° 8	8°22	n.a.	W13
T 14	16 48 54	11°30'52	22°44	16° 6	3°51	24°26	2°35	10°51	20°33	19°22	29°20	7°19	7° 5	8°29	n.a.	T 14
F 15	16 52 51	12°28'05	4♌53	18° 9	5° 1	25° 3	2°47	10°53	20°31	19°23	29°22	7°19	7° 2	8°35	n.a.	F 15
S 16	16 56 47	13°25'19	17°16	20°12	6°11	25°40	3° 0	10°55	20°29	19°24	29°23	7°18	6°58	8°42	n.a.	S 16
S 17	17 0 44	14°22'34	29°54	22°12	7°20	26°17	3°13	10°57	20°28	19°25	29°25	7°18	6°55	8°49	n.a.	S 17
M18	17 4 40	15°19'49	12♍52	24°11	8°30	26°55	3°26	11° 0	20°26	19°26	29°27	7°D17	6°52	8°55	n.a.	M18
T 19	17 8 37	16°17'04	26°12	26° 9	9°40	27°32	3°38	11° 2	20°24	19°27	29°29	7°18	6°49	9° 2	n.a.	T 19
W20	17 12 34	17°14'20	9♎57	28° 5	10°50	28° 9	3°51	11° 4	20°22	19°29	29°30	7°18	6°46	9° 9	n.a.	W20
T 21	17 16 30	18°11'37	24° 6	29°59	12° 0	28°47	4° 4	11° 7	20°20	19°30	29°32	7°19	6°43	9°15	n.a.	T 21
F 22	17 20 27	19° 8'55	8♏39	1♋52	13°10	29°24	4°17	11°10	20°18	19°31	29°34	7°20	6°39	9°22	n.a.	F 22
S 23	17 24 23	20° 6'13	23°32	3°43	14°21	0♌ 2	4°30	11°12	20°16	19°33	29°36	7°20	6°36	9°29	n.a.	S 23
S 24	17 28 20	21° 3'32	8♐38	5°33	15°31	0°39	4°43	11°15	20°14	19°34	29°37	7°R21	6°33	9°35	n.a.	S 24
M25	17 32 16	22° 0'53	23°49	7°20	16°41	1°17	4°56	11°18	20°12	19°35	29°39	7°20	6°30	9°42	n.a.	M25
T 26	17 36 13	22°58'14	8♑55	9° 7	17°52	1°55	5° 9	11°21	20°10	19°37	29°41	7°19	6°27	9°49	n.a.	T 26
W27	17 40 9	23°55'36	23°48	10°51	19° 3	2°33	5°22	11°24	20° 8	19°38	29°43	7°17	6°23	9°55	n.a.	W27
T 28	17 44 6	24°53'00	8♒20	12°34	20°13	3°10	5°35	11°27	20° 6	19°39	29°44	7°15	6°20	10° 2	n.a.	T 28
F 29	17 48 3	25°50'25	22°26	14°15	21°24	3°48	5°48	11°31	20° 4	19°41	29°46	7°13	6°17	10° 8	n.a.	F 29
S 30	17 51 59	26♊47'51	6♓ 5	15♋55	22♉35	4♌26	6♋ 1	11♍34	20♑ 2	19♎42	29♊48	7♐11	6♐14	10♊15	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n17	12s24	4n51	17n36	0s 2	5n28	2s14	24n 8	1n22	24n22	0n33	10n 8	2n37	22s47	0s37	16n36	1n22	29n43	5n55	21s53	21s57	21n54		n.a.
S 2	20 29	7 49	5 12	18 21	0n10	5 54	2 14	24 3	1 22	24 22	0 33	10 7	2 36	22 47	0 37	16 36	1 22	29 43	5 55	21 53	21 56	21 54		n.a.
S 3	20 41	3 0	5 17	19 4	0 20	6 21	2 13	23 58	1 21	24 22	0 33	10 7	2 36	22 47	0 37	16 36	1 22	29 43	5 55	21 53	21 56	21 54		n.a.
M 4	20 53	1n49	5 6	19 46	0 31	6 47	2 12	23 52	1 21	24 22	0 33	10 6	2 36	22 47	0 37	16 36	1 22	29 43	5 55	21 53	21 55	21 54		n.a.
T 5	21 4	6 27	4 41	20 27	0 41	7 14	2 11	23 47	1 20	24 22	0 33	10 6	2 36	22 48	0 37	16 35	1 22	29 43	5 55	21 53	21 55	21 54		n.a.
W 6	21 16	10 45	4 3	21 5	0 50	7 40	2 10	23 41	1 20	24 22	0 33	10 5	2 35	22 48	0 37	16 35	1 22	29 43	5 55	21 53	21 54	21 55		n.a.
T 7	21 26	14 34	3 14	21 41	0 59	8 7	2 9	23 35	1 19	24 22	0 33	10 4	2 35	22 48	0 37	16 35	1 22	29 43	5 55	21 53	21 54	21 55		n.a.
F 8	21 37	17 45	2 18	22 15	1 7	8 33	2 8	23 29	1 19	24 22	0 33	10 3	2 35	22 48	0 37	16 34	1 22	29 43	5 55	21 53	21 53	21 55		n.a.
S 9	21 47	20 10	1 16	22 47	1 14	8 59	2 7	23 23	1 18	24 22	0 33	10 3	2 35	22 49	0 37	16 34	1 22	29 43	5 55	21 53	21 53	21 55		n.a.
S 10	21 56	21 42	0 12	23 16	1 21	9 25	2 6	23 16	1 18	24 22	0 33	10 2	2 34	22 49	0 37	16 34	1 22	29 43	5 55	21 53	21 52	21 56		n.a.
M11	22 6	22 17	0s54	23 43	1 27	9 51	2 4	23 10	1 17	24 22	0 33	10 1	2 34	22 49	0 37	16 33	1 22	29 43	5 55	21 53	21 52	21 56		n.a.
T 12	22 14	21 52	1 57	24 6	1 33	10 16	2 3	23 3	1 17	24 21	0 33	10 0	2 34	22 49	0 37	16 33	1 22	29 43	5 55	21 53	21 51	21 56		n.a.
W13	22 23	20 28	2 55	24 28	1 38	10 42	2 2	22 56	1 16	24 21	0 34	9 59	2 34	22 50	0 37	16 33	1 22	29 43	5 55	21 53	21 51	21 56		n.a.
T 14	22 31	18 9	3 47	24 46	1 42	11 7	2 0	22 49	1 16	24 21	0 34	9 58	2 33	22 50	0 37	16 32	1 22	29 44	5 55	21 53	21 50	21 56		n.a.
F 15	22 39	15 0	4 28	25 1	1 45	11 33	1 58	22 42	1 15	24 21	0 34	9 57	2 33	22 50	0 38	16 32	1 22	29 44	5 55	21 52	21 49	21 57		n.a.
S 16	22 46	11 10	4 58	25 14	1 48	11 57	1 57	22 34	1 15	24 21	0 34	9 56	2 33	22 51	0 38	16 32	1 22	29 44	5 55	21 52	21 49	21 57		n.a.
S 17	22 53	6 46	5 15	25 25	1 50	12 22	1 55	22 27	1 14	24 20	0 34	9 55	2 33	22 51	0 38	16 31	1 22	29 44	5 55	21 52	21 48	21 57		n.a.
M18	23 0	1 58	5 16	25 32	1 51	12 47	1 53	22 19	1 14	24 20	0 34	9 54	2 32	22 51	0 38	16 31	1 22	29 44	5 55	21 52	21 48	21 57		n.a.
T 19	23 6	3s 3	5 1	25 37	1 52	13 11	1 51	22 11	1 13	24 20	0 34	9 53	2 32	22 52	0 38	16 30	1 22	29 44	5 55	21 52	21 47	21 57		n.a.
W20	23 12	8 5	4 28	25 40	1 52	13 35	1 49	22 3	1 13	24 20	0 34	9 52	2 32	22 52	0 38	16 30	1 22	29 44	5 55	21 52	21 47	21 57		n.a.
T 21	23 17	12 51	3 38	25 40	1 51	13 59	1 47	21 55	1 13	24 19	0 34	9 50	2 32	22 52	0 38	16 29	1 22	29 44	5 55	21 52	21 46	21 58		n.a.
F 22	23 22	17 1	2 33	25 38	1 50	14 22	1 45	21 46	1 12	24 19	0 34	9 49	2 31	22 52	0 38	16 29	1 21	29 44	5 55	21 53	21 46	21 58		n.a.
S 23	23 26	20 10	1 16	25 34	1 48	14 46	1 43	21 38	1 12	24 18	0 34	9 48	2 31	22 53	0 38	16 29	1 21	29 44	5 55	21 53	21 45	21 58		n.a.
S 24	23 31	21 58	0n 7	25 28	1 46	15 8	1 41	21 29	1 11	24 18	0 34	9 47	2 31	22 53	0 38	16 28	1 21	29 44	5 55	21 53	21 45	21 58		n.a.
M25	23 34	22 10	1 30	25 20	1 43	15 31	1 38	21 20	1 11	24 18	0 34	9 45	2 31	22 53	0 38	16 28	1 21	29 44	5 55	21 53	21 44	21 58		n.a.
T 26	23 38	20 45	2 46	25 10	1 40	15 53	1 36	21 11	1 10	24 17	0 34	9 44	2 31	22 54	0 38	16 27	1 21	29 44	5 55	21 52	21 43	21 58		n.a.
W27	23 40	17 55	3 50	24 58	1 36	16 15	1 34	21 2	1 10	24 17	0 35	9 43	2 30	22 54	0 38	16 27	1 21	29 44	5 55	21 52	21 43	21 58		n.a.
T 28	23 43	14 1	4 37	24 45	1 32	16 37	1 31	20 52	1 9	24 16	0 35	9 41	2 30	22 54	0 38	16 26	1 21	29 44	5 55	21 52	21 42	21 59		n.a.
F 29	23 45	9 26	5 6	24 29	1 28	16 58	1 29	20 43	1 9	24 16	0 35	9 40	2 30	22 55	0 38	16 26	1 21	29 44	5 55	21 51	21 42	21 59		n.a.
S 30	23n47	4s32	5n16	24n13	1n23	17n19	1s26	20n33	1n 8	24n15	0n35	9n38	2n30	22s55	0s38	16n25	1n21	29n44	5n55	21s51	21s41	21n59		n.a.

Julian Day Number = 1347923.5, Delta T = 07h09m55s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'33, Lahiri = -18°04'33 Julian Calendar 1 June 1023 BCE == Greg. Calendar 22 May 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

JULY 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 55 56	27♊45'19	19♓17	17♋33	23♉46	5♌ 4	6♋14	11♍37	20°R 0	19♌44	29♊50	7°R10	6♐11	10♊22	n.a.	S 1
M 2	17 59 52	28°42'49	2♈ 4	19° 9	24°57	5°42	6°27	11°41	19♑58	19°45	29°52	7°D10	6° 8	10°28	n.a.	M 2
T 3	18 3 49	29°40'20	14°31	20°44	26° 8	6°20	6°40	11°44	19°56	19°47	29°53	7♐11	6° 4	10°35	n.a.	T 3
W 4	18 7 45	0♋37'52	26°41	22°17	27°19	6°58	6°53	11°48	19°53	19°49	29°55	7°12	6° 1	10°42	n.a.	W 4
T 5	18 11 42	1°35'26	8♉39	23°49	28°30	7°37	7° 6	11°52	19°51	19°50	29°57	7°14	5°58	10°48	n.a.	T 5
F 6	18 15 38	2°33'02	20°29	25°19	29°42	8°15	7°19	11°56	19°49	19°52	29°59	7°15	5°55	10°55	n.a.	F 6
S 7	18 19 35	3°30'39	2♊16	26°48	0♊53	8°53	7°33	12° 0	19°47	19°53	0♋ 0	7°R16	5°52	11° 2	n.a.	S 7
S 8	18 23 32	4°28'18	14° 3	28°14	2° 4	9°32	7°46	12° 4	19°44	19°55	0° 2	7°16	5°49	11° 8	n.a.	S 8
M 9	18 27 28	5°25'58	25°53	29°39	3°16	10°10	7°59	12° 8	19°42	19°57	0° 4	7°15	5°45	11°15	n.a.	M 9
T 10	18 31 25	6°23'40	7♋47	1♌ 3	4°27	10°48	8°12	12°12	19°40	19°59	0° 6	7°12	5°42	11°22	n.a.	T 10
W11	18 35 21	7°21'23	19°49	2°25	5°39	11°27	8°25	12°16	19°37	20° 0	0° 8	7° 8	5°39	11°28	n.a.	W11
T 12	18 39 18	8°19'08	2♌ 0	3°45	6°51	12° 6	8°38	12°20	19°35	20° 2	0° 9	7° 3	5°36	11°35	n.a.	T 12
F 13	18 43 14	9°16'54	14°21	5° 3	8° 3	12°44	8°51	12°25	19°33	20° 4	0°11	6°57	5°33	11°41	n.a.	F 13
S 14	18 47 11	10°14'42	26°54	6°19	9°15	13°23	9° 5	12°29	19°30	20° 6	0°13	6°52	5°29	11°48	n.a.	S 14
S 15	18 51 7	11°12'31	9♍41	7°33	10°27	14° 2	9°18	12°34	19°28	20° 7	0°15	6°47	5°26	11°55	n.a.	S 15
M16	18 55 4	12°10'21	22°42	8°46	11°39	14°41	9°31	12°38	19°26	20° 9	0°16	6°44	5°23	12° 1	n.a.	M16
T 17	18 59 1	13° 8'13	6♎ 1	9°56	12°51	15°19	9°44	12°43	19°23	20°11	0°18	6°43	5°20	12° 8	n.a.	T 17
W18	19 2 57	14° 6'06	19°39	11° 4	14° 3	15°58	9°57	12°48	19°21	20°13	0°20	6°D43	5°17	12°15	n.a.	W18
T 19	19 6 54	15° 4'00	3♏36	12°10	15°15	16°37	10°10	12°52	19°19	20°15	0°22	6°43	5°14	12°21	n.a.	T 19
F 20	19 10 50	16° 1'56	17°53	13°14	16°27	17°16	10°23	12°57	19°16	20°17	0°23	6°45	5°10	12°28	n.a.	F 20
S 21	19 14 47	16°59'53	2♐28	14°15	17°40	17°55	10°36	13° 2	19°14	20°19	0°25	6°R46	5° 7	12°35	n.a.	S 21
S 22	19 18 43	17°57'52	17°17	15°14	18°52	18°35	10°50	13° 7	19°11	20°21	0°27	6°45	5° 4	12°41	n.a.	S 22
M23	19 22 40	18°55'52	2♑15	16°10	20° 4	19°14	11° 3	13°12	19° 9	20°23	0°28	6°43	5° 1	12°48	n.a.	M23
T 24	19 26 36	19°53'55	17°12	17° 3	21°17	19°53	11°16	13°17	19° 7	20°25	0°30	6°39	4°58	12°55	n.a.	T 24
W25	19 30 33	20°51'58	2♒ 2	17°52	22°30	20°32	11°29	13°22	19° 4	20°27	0°32	6°33	4°55	13° 1	n.a.	W25
T 26	19 34 30	21°50'04	16°35	18°39	23°42	21°12	11°42	13°28	19° 2	20°29	0°34	6°26	4°51	13° 8	n.a.	T 26
F 27	19 38 26	22°48'12	0♓45	19°22	24°55	21°51	11°55	13°33	18°59	20°31	0°35	6°19	4°48	13°15	n.a.	F 27
S 28	19 42 23	23°46'21	14°29	20° 1	26° 8	22°30	12° 8	13°38	18°57	20°33	0°37	6°13	4°45	13°21	n.a.	S 28
S 29	19 46 19	24°44'33	27°45	20°36	27°21	23°10	12°21	13°44	18°55	20°35	0°39	6° 8	4°42	13°28	n.a.	S 29
M30	19 50 16	25°42'47	10♈36	21° 8	28°34	23°50	12°34	13°49	18°52	20°37	0°40	6° 5	4°39	13°34	n.a.	M30
T 31	19 54 12	26♋41'03	23♈ 3	21♌34	29♊47	24♌29	12♋47	13♍55	18♑50	20♌39	0♋42	6°D 3	4♐35	13♊41	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	23n48	0n25	5n 9	23n55	1n17	17n39	1s24	20n23	1n 8	24n15	0n35	9n37	2n29	22s55	0s38	16n25	1n21	29n44	5n55	21s51	21s41	21n59			n.a.
M 2	23 49	5 12	4 47	23 36	1 11	17 59	1 21	20 13	1 7	24 14	0 35	9 35	2 29	22 56	0 38	16 24	1 21	29 44	5 55	21 51	21 40	21 59			n.a.
T 3	23 49	9 40	4 12	23 16	1 5	18 19	1 19	20 3	1 7	24 14	0 35	9 33	2 29	22 56	0 38	16 24	1 21	29 44	5 56	21 51	21 40	21 59			n.a.
W 4	23 49	13 38	3 26	22 54	0 59	18 38	1 16	19 53	1 6	24 13	0 35	9 32	2 29	22 56	0 38	16 23	1 21	29 45	5 56	21 51	21 39	21 59			n.a.
T 5	23 48	16 59	2 31	22 32	0 52	18 57	1 13	19 43	1 6	24 12	0 35	9 30	2 29	22 57	0 38	16 23	1 21	29 45	5 56	21 52	21 38	21 59			n.a.
F 6	23 47	19 37	1 31	22 8	0 44	19 15	1 11	19 32	1 5	24 12	0 35	9 29	2 28	22 57	0 38	16 22	1 21	29 45	5 56	21 52	21 38	21 59			n.a.
S 7	23 46	21 23	0 28	21 44	0 37	19 33	1 8	19 21	1 5	24 11	0 35	9 27	2 28	22 58	0 38	16 22	1 21	29 45	5 56	21 52	21 37	21 59			n.a.
S 8	23 44	22 14	0s37	21 19	0 29	19 50	1 5	19 10	1 4	24 10	0 35	9 25	2 28	22 58	0 38	16 21	1 21	29 45	5 56	21 52	21 37	21 59			n.a.
M 9	23 42	22 5	1 41	20 53	0 21	20 7	1 2	18 59	1 4	24 10	0 35	9 23	2 28	22 58	0 38	16 20	1 21	29 45	5 56	21 52	21 36	21 59			n.a.
T 10	23 40	20 55	2 40	20 27	0 13	20 23	1 0	18 48	1 3	24 9	0 36	9 22	2 28	22 59	0 38	16 20	1 21	29 45	5 56	21 51	21 36	22 0			n.a.
W11	23 36	18 49	3 32	20 0	0 4	20 39	0 57	18 37	1 3	24 8	0 36	9 20	2 27	22 59	0 38	16 19	1 21	29 45	5 56	21 51	21 35	22 0			n.a.
T 12	23 33	15 52	4 16	19 33	0s 4	20 54	0 54	18 26	1 2	24 7	0 36	9 18	2 27	22 59	0 38	16 19	1 21	29 45	5 56	21 50	21 35	22 0			n.a.
F 13	23 29	12 11	4 48	19 5	0 13	21 9	0 51	18 14	1 1	24 7	0 36	9 16	2 27	23 0	0 38	16 18	1 21	29 45	5 56	21 49	21 34	22 0			n.a.
S 14	23 25	7 56	5 7	18 37	0 23	21 23	0 48	18 2	1 1	24 6	0 36	9 14	2 27	23 0	0 38	16 17	1 21	29 45	5 56	21 48	21 33	22 0			n.a.
S 15	23 20	3 16	5 11	18 9	0 32	21 37	0 45	17 50	1 0	24 5	0 36	9 12	2 27	23 0	0 38	16 17	1 21	29 46	5 57	21 47	21 33	22 0			n.a.
M16	23 15	1s38	5 0	17 41	0 41	21 50	0 42	17 38	1 0	24 4	0 36	9 10	2 26	23 1	0 38	16 16	1 21	29 46	5 57	21 47	21 32	22 0			n.a.
T 17	23 9	6 35	4 32	17 13	0 51	22 2	0 40	17 26	0 59	24 3	0 36	9 8	2 26	23 1	0 38	16 16	1 21	29 46	5 57	21 46	21 32	22 0			n.a.
W18	23 3	11 19	3 49	16 45	1 1	22 14	0 37	17 14	0 59	24 2	0 36	9 6	2 26	23 1	0 38	16 15	1 21	29 46	5 57	21 46	21 31	22 0			n.a.
T 19	22 57	15 35	2 51	16 17	1 11	22 26	0 34	17 2	0 58	24 1	0 36	9 4	2 26	23 2	0 38	16 14	1 21	29 46	5 57	21 46	21 30	22 0			n.a.
F 20	22 50	19 3	1 41	15 49	1 21	22 36	0 31	16 49	0 58	24 1	0 37	9 2	2 26	23 2	0 38	16 14	1 21	29 46	5 57	21 47	21 30	22 0			n.a.
S 21	22 43	21 22	0 23	15 22	1 31	22 46	0 28	16 36	0 57	24 0	0 37	9 0	2 26	23 2	0 38	16 13	1 21	29 46	5 57	21 47	21 29	22 0			n.a.
S 22	22 35	22 15	0n57	14 55	1 41	22 56	0 25	16 24	0 57	23 59	0 37	8 58	2 25	23 3	0 38	16 12	1 21	29 46	5 57	21 47	21 29	22 0			n.a.
M23	22 27	21 34	2 14	14 28	1 51	23 4	0 22	16 11	0 56	23 58	0 37	8 56	2 25	23 3	0 38	16 12	1 21	29 46	5 57	21 46	21 28	22 0			n.a.
T 24	22 19	19 21	3 22	14 2	2 2	23 12	0 19	15 58	0 56	23 57	0 37	8 54	2 25	23 4	0 38	16 11	1 21	29 46	5 58	21 46	21 28	22 0			n.a.
W25	22 10	15 53	4 15	13 38	2 12	23 20	0 16	15 44	0 55	23 56	0 37	8 51	2 25	23 4	0 38	16 11	1 21	29 47	5 58	21 45	21 27	22 0			n.a.
T 26	22 1	11 30	4 50	13 13	2 22	23 27	0 13	15 31	0 55	23 54	0 37	8 49	2 25	23 4	0 38	16 10	1 21	29 47	5 58	21 43	21 26	22 0			n.a.
F 27	21 51	6 36	5 7	12 50	2 32	23 33	0 10	15 18	0 54	23 53	0 37	8 47	2 25	23 5	0 38	16 9	1 21	29 47	5 58	21 42	21 26	22 0			n.a.
S 28	21 41	1 31	5 5	12 29	2 42	23 38	0 8	15 4	0 54	23 52	0 37	8 45	2 24	23 5	0 38	16 9	1 21	29 47	5 58	21 41	21 25	22 0			n.a.
S 29	21 31	3n28	4 47	12 8	2 52	23 43	0 5	14 51	0 53	23 51	0 37	8 42	2 24	23 5	0 38	16 8	1 21	29 47	5 58	21 40	21 25	22 0			n.a.
M30	21 20	8 9	4 15	11 49	3 1	23 47	0 2	14 37	0 52	23 50	0 38	8 40	2 24	23 6	0 38	16 7	1 21	29 47	5 58	21 40	21 24	22 0			n.a.
T 31	21n 9	12n21	3n31	11n32	3s11	23n50	0n 1	14n23	0n52	23n49	0n38	8n38	2n24	23s 6	0s38	16n 7	1n21	29n47	5n59	21s39	21s23	22n 0			n.a.

Julian Day Number = 1347953.5, Delta T = 07h09m53s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'29, Lahiri = -18°04'29 Julian Calendar 1 July 1023 BCE == Greg. Calendar 21 June 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

AUGUST 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 58 9	27♋39'22	5♉13	21♌56	1♋ 0	25♌ 9	13♋ 0	14♍ 0	18°R48	20♌41	0♋43	6♐ 4	4♐32	13♊48	n.a.	W 1
T 2	20 2 5	28°37'42	17°10	22°12	2°13	25°49	13°13	14° 6	18♑45	20°43	0°45	6° 5	4°29	13°54	n.a.	T 2
F 3	20 6 2	29°36'05	28°59	22°24	3°26	26°28	13°25	14°12	18°43	20°45	0°47	6° 6	4°26	14° 1	n.a.	F 3
S 4	20 9 59	0♌34'30	10♊46	22°R29	4°39	27° 8	13°38	14°17	18°41	20°47	0°48	6°R 6	4°23	14° 8	n.a.	S 4
S 5	20 13 55	1°32'57	22°35	22°28	5°53	27°48	13°51	14°23	18°38	20°49	0°50	6° 4	4°20	14°14	n.a.	S 5
M 6	20 17 52	2°31'27	4♋29	22°22	7° 6	28°28	14° 4	14°29	18°36	20°51	0°51	6° 0	4°16	14°21	n.a.	M 6
T 7	20 21 48	3°29'58	16°32	22° 8	8°19	29° 8	14°17	14°35	18°34	20°54	0°53	5°54	4°13	14°28	n.a.	T 7
W 8	20 25 45	4°28'32	28°46	21°48	9°33	29°48	14°29	14°41	18°31	20°56	0°55	5°45	4°10	14°34	n.a.	W 8
T 9	20 29 41	5°27'08	11♌12	21°21	10°46	0♍28	14°42	14°47	18°29	20°58	0°56	5°35	4° 7	14°41	n.a.	T 9
F 10	20 33 38	6°25'46	23°50	20°47	12° 0	1° 9	14°55	14°53	18°27	21° 0	0°58	5°24	4° 4	14°48	n.a.	F 10
S 11	20 37 34	7°24'25	6♍41	20° 6	13°14	1°49	15° 7	14°59	18°25	21° 2	0°59	5°13	4° 0	14°54	n.a.	S 11
S 12	20 41 31	8°23'07	19°44	19°20	14°27	2°29	15°20	15° 5	18°22	21° 4	1° 1	5° 4	3°57	15° 1	n.a.	S 12
M13	20 45 28	9°21'51	2♎59	18°27	15°41	3°10	15°33	15°12	18°20	21° 7	1° 2	4°56	3°54	15° 8	n.a.	M13
T 14	20 49 24	10°20'36	16°26	17°30	16°55	3°50	15°45	15°18	18°18	21° 9	1° 3	4°52	3°51	15°14	n.a.	T 14
W15	20 53 21	11°19'23	0♏ 5	16°29	18° 9	4°31	15°58	15°24	18°16	21°11	1° 5	4°49	3°48	15°21	n.a.	W15
T 16	20 57 17	12°18'12	13°57	15°25	19°23	5°11	16°10	15°30	18°14	21°13	1° 6	4°D49	3°45	15°28	n.a.	T 16
F 17	21 1 14	13°17'03	28° 1	14°19	20°37	5°52	16°23	15°37	18°12	21°16	1° 8	4°R49	3°41	15°34	n.a.	F 17
S 18	21 5 10	14°15'56	12♐18	13°14	21°51	6°32	16°35	15°43	18°10	21°18	1° 9	4°49	3°38	15°41	n.a.	S 18
S 19	21 9 7	15°14'51	26°45	12°11	23° 5	7°13	16°47	15°50	18° 7	21°20	1°10	4°47	3°35	15°47	n.a.	S 19
M20	21 13 3	16°13'48	11♑19	11°11	24°19	7°54	16°59	15°56	18° 5	21°22	1°12	4°43	3°32	15°54	n.a.	M20
T 21	21 17 0	17°12'46	25°55	10°16	25°33	8°35	17°12	16° 3	18° 3	21°24	1°13	4°36	3°29	16° 1	n.a.	T 21
W22	21 20 56	18°11'47	10♒27	9°28	26°47	9°15	17°24	16° 9	18° 1	21°27	1°14	4°27	3°26	16° 7	n.a.	W22
T 23	21 24 53	19°10'50	24°47	8°48	28° 2	9°56	17°36	16°16	17°59	21°29	1°16	4°16	3°22	16°14	n.a.	T 23
F 24	21 28 50	20° 9'54	8♓50	8°17	29°16	10°37	17°48	16°22	17°58	21°31	1°17	4° 4	3°19	16°21	n.a.	F 24
S 25	21 32 46	21° 9'01	22°30	7°55	0♌30	11°18	18° 0	16°29	17°56	21°33	1°18	3°53	3°16	16°27	n.a.	S 25
S 26	21 36 43	22° 8'11	5♈45	7°44	1°45	11°59	18°12	16°36	17°54	21°36	1°20	3°44	3°13	16°34	n.a.	S 26
M27	21 40 39	23° 7'23	18°36	7°D43	2°59	12°41	18°24	16°43	17°52	21°38	1°21	3°37	3°10	16°41	n.a.	M27
T 28	21 44 36	24° 6'37	1♉ 5	7°52	4°13	13°22	18°36	16°49	17°50	21°40	1°22	3°33	3° 6	16°47	n.a.	T 28
W29	21 48 32	25° 5'54	13°16	8°12	5°28	14° 3	18°47	16°56	17°48	21°42	1°23	3°31	3° 3	16°54	n.a.	W29
T 30	21 52 29	26° 5'13	25°14	8°41	6°43	14°44	18°59	17° 3	17°47	21°45	1°24	3°D31	3° 0	17° 1	n.a.	T 30
F 31	21 56 25	27♌ 4'34	7♊ 4	9♌20	7♌57	15♍26	19♋11	17♍10	17♑45	21♌47	1♋25	3°R31	2♐57	17♊ 7	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n57	15n57	2n39	11n16	3s20	23n53	0n 4	14n 9	0n51	23n48	0n38	8n36	2n24	23s 6	0s38	16n 6	1n21	29n48	5n59	21s39	21s23	21n59			n.a.
T 2	20 46	18 50	1 40	11 3	3 28	23 54	0 7	13 55	0 51	23 47	0 38	8 33	2 24	23 7	0 38	16 5	1 21	29 48	5 59	21 40	21 22	21 59			n.a.
F 3	20 33	20 52	0 38	10 52	3 36	23 56	0 9	13 40	0 50	23 45	0 38	8 31	2 23	23 7	0 38	16 4	1 21	29 48	5 59	21 40	21 22	21 59			n.a.
S 4	20 21	22 0	0s25	10 43	3 43	23 56	0 12	13 26	0 50	23 44	0 38	8 28	2 23	23 7	0 38	16 4	1 21	29 48	5 59	21 40	21 21	21 59			n.a.
S 5	20 8	22 9	1 27	10 37	3 50	23 56	0 15	13 12	0 49	23 43	0 38	8 26	2 23	23 8	0 38	16 3	1 21	29 48	5 59	21 40	21 21	21 59			n.a.
M 6	19 54	21 18	2 26	10 34	3 55	23 55	0 18	12 57	0 49	23 42	0 38	8 24	2 23	23 8	0 38	16 2	1 21	29 48	5 59	21 39	21 20	21 59			n.a.
T 7	19 41	19 29	3 19	10 34	4 0	23 53	0 20	12 42	0 48	23 40	0 38	8 21	2 23	23 8	0 38	16 2	1 21	29 48	6 0	21 38	21 19	21 59			n.a.
W 8	19 27	16 45	4 4	10 37	4 4	23 51	0 23	12 27	0 48	23 39	0 39	8 19	2 23	23 9	0 38	16 1	1 21	29 49	6 0	21 36	21 19	21 59			n.a.
T 9	19 12	13 15	4 37	10 44	4 6	23 48	0 25	12 13	0 47	23 38	0 39	8 16	2 23	23 9	0 38	16 0	1 21	29 49	6 0	21 34	21 18	21 59			n.a.
F 10	18 58	9 6	4 58	10 54	4 7	23 44	0 28	11 58	0 46	23 37	0 39	8 14	2 23	23 9	0 38	16 0	1 21	29 49	6 0	21 32	21 18	21 59			n.a.
S 11	18 42	4 30	5 4	11 7	4 6	23 39	0 30	11 42	0 46	23 35	0 39	8 11	2 22	23 9	0 38	15 59	1 21	29 49	6 0	21 30	21 17	21 59			n.a.
S 12	18 27	0s22	4 54	11 24	4 3	23 34	0 33	11 27	0 45	23 34	0 39	8 9	2 22	23 10	0 38	15 58	1 21	29 49	6 0	21 29	21 16	21 59			n.a.
M13	18 11	5 18	4 29	11 45	3 59	23 28	0 35	11 12	0 45	23 33	0 39	8 6	2 22	23 10	0 38	15 57	1 21	29 49	6 1	21 27	21 16	21 58			n.a.
T 14	17 55	10 3	3 48	12 9	3 52	23 21	0 38	10 56	0 44	23 31	0 39	8 4	2 22	23 10	0 38	15 57	1 21	29 49	6 1	21 26	21 15	21 58			n.a.
W15	17 39	14 23	2 54	12 35	3 44	23 14	0 40	10 41	0 44	23 30	0 40	8 1	2 22	23 11	0 38	15 56	1 21	29 50	6 1	21 26	21 14	21 58			n.a.
T 16	17 23	18 0	1 49	13 4	3 34	23 5	0 42	10 25	0 43	23 29	0 40	7 58	2 22	23 11	0 38	15 55	1 21	29 50	6 1	21 26	21 14	21 58			n.a.
F 17	17 6	20 37	0 36	13 35	3 21	22 57	0 45	10 10	0 42	23 27	0 40	7 56	2 22	23 11	0 38	15 55	1 21	29 50	6 1	21 26	21 13	21 58			n.a.
S 18	16 48	21 58	0n40	14 8	3 7	22 47	0 47	9 54	0 42	23 26	0 40	7 53	2 22	23 11	0 38	15 54	1 21	29 50	6 1	21 26	21 13	21 58			n.a.
S 19	16 31	21 53	1 54	14 41	2 51	22 37	0 49	9 38	0 41	23 24	0 40	7 51	2 22	23 12	0 38	15 53	1 21	29 50	6 2	21 26	21 12	21 58			n.a.
M20	16 13	20 19	3 1	15 14	2 34	22 26	0 51	9 22	0 41	23 23	0 40	7 48	2 21	23 12	0 38	15 52	1 21	29 50	6 2	21 25	21 11	21 57			n.a.
T 21	15 55	17 26	3 56	15 47	2 15	22 14	0 53	9 6	0 40	23 21	0 40	7 45	2 21	23 12	0 38	15 52	1 21	29 51	6 2	21 24	21 11	21 57			n.a.
W22	15 37	13 28	4 36	16 18	1 56	22 2	0 55	8 50	0 40	23 20	0 40	7 43	2 21	23 13	0 38	15 51	1 21	29 51	6 2	21 22	21 10	21 57			n.a.
T 23	15 18	8 48	4 57	16 48	1 36	21 49	0 57	8 34	0 39	23 19	0 41	7 40	2 21	23 13	0 38	15 50	1 21	29 51	6 2	21 20	21 10	21 57			n.a.
F 24	14 59	3 45	5 1	17 15	1 17	21 36	0 59	8 17	0 38	23 17	0 41	7 37	2 21	23 13	0 38	15 49	1 21	29 51	6 3	21 18	21 9	21 57			n.a.
S 25	14 40	1n21	4 46	17 40	0 57	21 21	1 1	8 1	0 38	23 16	0 41	7 34	2 21	23 13	0 38	15 49	1 21	29 51	6 3	21 16	21 8	21 57			n.a.
S 26	14 21	6 14	4 16	18 1	0 38	21 6	1 3	7 45	0 37	23 14	0 41	7 32	2 21	23 14	0 38	15 48	1 21	29 52	6 3	21 14	21 8	21 56			n.a.
M27	14 1	10 42	3 34	18 19	0 19	20 51	1 5	7 28	0 37	23 13	0 41	7 29	2 21	23 14	0 38	15 47	1 21	29 52	6 3	21 12	21 7	21 56			n.a.
T 28	13 42	14 34	2 43	18 34	0 2	20 35	1 6	7 12	0 36	23 11	0 41	7 26	2 21	23 14	0 38	15 47	1 21	29 52	6 3	21 12	21 7	21 56			n.a.
W29	13 22	17 44	1 45	18 44	0n15	20 18	1 8	6 55	0 36	23 10	0 42	7 24	2 21	23 14	0 38	15 46	1 21	29 52	6 4	21 11	21 6	21 56			n.a.
T 30	13 1	20 5	0 44	18 51	0 30	20 1	1 10	6 38	0 35	23 8	0 42	7 21	2 21	23 14	0 38	15 45	1 21	29 52	6 4	21 11	21 5	21 56			n.a.
F 31	12n41	21n31	0s19	18n54	0n44	19n43	1n11	6n21	0n34	23n 7	0n42	7n18	2n21	23s15	0s38	15n44	1n21	29n53	6n 4	21s11	21s 5	21n55			n.a.

Julian Day Number = 1347984.5, Delta T = 07h09m52s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'25, Lahiri = -18°04'25 Julian Calendar 1 Aug. 1023 BCE == Greg. Calendar 22 July 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

SEPTEMBER 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 0 22	28♌ 3'58	18♊51	10♌ 8	9♌12	16♍ 7	19♋22	17♍17	17°R43	21♌49	1♋27	3°R30	2♐54	17♊14	n.a.	S 1
S 2	22 4 18	29° 3'25	0♋42	11° 3	10°27	16°49	19°34	17°23	17♎42	21°51	1°28	3♐28	2°51	17°21	n.a.	S 2
M 3	22 8 15	0♍ 2'54	12°41	12° 6	11°41	17°30	19°45	17°30	17°40	21°53	1°29	3°23	2°47	17°27	n.a.	M 3
T 4	22 12 12	1° 2'25	24°51	13°16	12°56	18°12	19°57	17°37	17°39	21°56	1°30	3°15	2°44	17°34	n.a.	T 4
W 5	22 16 8	2° 1'59	7♌16	14°31	14°11	18°54	20° 8	17°44	17°37	21°58	1°31	3° 5	2°41	17°41	n.a.	W 5
T 6	22 20 5	3° 1'34	19°57	15°51	15°26	19°35	20°19	17°51	17°36	22° 0	1°32	2°52	2°38	17°47	n.a.	T 6
F 7	22 24 1	4° 1'12	2♍55	17°15	16°41	20°17	20°30	17°58	17°34	22° 2	1°33	2°39	2°35	17°54	n.a.	F 7
S 8	22 27 58	5° 0'52	16° 8	18°43	17°56	20°59	20°42	18° 5	17°33	22° 4	1°34	2°25	2°32	18° 0	n.a.	S 8
S 9	22 31 54	6° 0'34	29°34	20°14	19°11	21°41	20°53	18°12	17°31	22° 7	1°35	2°14	2°28	18° 7	n.a.	S 9
M10	22 35 51	7° 0'19	13♎12	21°48	20°26	22°23	21° 3	18°19	17°30	22° 9	1°36	2° 4	2°25	18°14	n.a.	M10
T 11	22 39 47	8° 0'05	26°58	23°24	21°41	23° 5	21°14	18°26	17°29	22°11	1°36	1°58	2°22	18°20	n.a.	T 11
W12	22 43 44	8°59'53	10♏51	25° 1	22°56	23°47	21°25	18°33	17°28	22°13	1°37	1°55	2°19	18°27	n.a.	W12
T 13	22 47 41	9°59'43	24°49	26°40	24°11	24°29	21°36	18°40	17°26	22°15	1°38	1°53	2°16	18°34	n.a.	T 13
F 14	22 51 37	10°59'35	8♐51	28°20	25°26	25°11	21°46	18°47	17°25	22°17	1°39	1°53	2°12	18°40	n.a.	F 14
S 15	22 55 34	11°59'28	22°57	0♍ 0	26°41	25°53	21°57	18°55	17°24	22°20	1°40	1°53	2° 9	18°47	n.a.	S 15
S 16	22 59 30	12°59'24	7♑ 7	1°41	27°56	26°36	22° 7	19° 2	17°23	22°22	1°40	1°51	2° 6	18°54	n.a.	S 16
M17	23 3 27	13°59'21	21°18	3°23	29°11	27°18	22°18	19° 9	17°22	22°24	1°41	1°47	2° 3	19° 0	n.a.	M17
T 18	23 7 23	14°59'20	5♒28	5° 4	0♍26	28° 0	22°28	19°16	17°21	22°26	1°42	1°40	2° 0	19° 7	n.a.	T 18
W19	23 11 20	15°59'20	19°33	6°46	1°42	28°43	22°38	19°23	17°20	22°28	1°43	1°30	1°57	19°14	n.a.	W19
T 20	23 15 16	16°59'23	3♓29	8°27	2°57	29°25	22°48	19°30	17°19	22°30	1°43	1°19	1°53	19°20	n.a.	T 20
F 21	23 19 13	17°59'27	17°11	10° 9	4°12	0♎ 8	22°58	19°37	17°19	22°32	1°44	1° 6	1°50	19°27	n.a.	F 21
S 22	23 23 9	18°59'33	0♈36	11°50	5°28	0°51	23° 8	19°44	17°18	22°34	1°45	0°55	1°47	19°34	n.a.	S 22
S 23	23 27 6	19°59'42	13°42	13°31	6°43	1°33	23°18	19°52	17°17	22°36	1°45	0°45	1°44	19°40	n.a.	S 23
M24	23 31 3	20°59'52	26°28	15°11	7°58	2°16	23°27	19°59	17°16	22°38	1°46	0°38	1°41	19°47	n.a.	M24
T 25	23 34 59	22° 0'05	8♉54	16°51	9°14	2°59	23°37	20° 6	17°16	22°40	1°46	0°33	1°37	19°54	n.a.	T 25
W26	23 38 56	23° 0'20	21° 4	18°31	10°29	3°42	23°46	20°13	17°15	22°42	1°47	0°31	1°34	20° 0	n.a.	W26
T 27	23 42 52	24° 0'37	3♊ 2	20°11	11°44	4°25	23°56	20°20	17°15	22°44	1°47	0°D30	1°31	20° 7	n.a.	T 27
F 28	23 46 49	25° 0'56	14°52	21°50	13° 0	5° 7	24° 5	20°27	17°14	22°46	1°48	0°31	1°28	20°13	n.a.	F 28
S 29	23 50 45	26° 1'17	26°40	23°28	14°15	5°50	24°14	20°34	17°14	22°48	1°48	0°R31	1°25	20°20	n.a.	S 29
S 30	23 54 42	27♍ 1'40	8♋32	25♍ 6	15♍31	6♎34	24♋23	20♍41	17♎13	22♌50	1♋48	0♐30	1♐22	20♊27	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n20	22n 0	1s20	18n54	0n57	19n24	1n13	6n 5	0n34	23n 5	0n42	7n15	2n21	23s15	0s38	15n44	1n21	29n53	6n 4	21s11	21s 4	21n55		n.a.
S 2	11 59	21 30	2 19	18 49	1 8	19 5	1 14	5 48	0 33	23 4	0 42	7 12	2 20	23 15	0 38	15 43	1 21	29 53	6 4	21 11	21 3	21 55		n.a.
M 3	11 38	20 1	3 11	18 41	1 19	18 45	1 15	5 31	0 33	23 2	0 42	7 10	2 20	23 15	0 38	15 42	1 21	29 53	6 5	21 10	21 3	21 55		n.a.
T 4	11 16	17 37	3 56	18 30	1 28	18 25	1 17	5 14	0 32	23 0	0 42	7 7	2 20	23 15	0 38	15 41	1 21	29 53	6 5	21 8	21 2	21 55		n.a.
W 5	10 55	14 23	4 31	18 15	1 35	18 4	1 18	4 56	0 31	22 59	0 43	7 4	2 20	23 16	0 38	15 41	1 21	29 54	6 5	21 6	21 1	21 54		n.a.
T 6	10 33	10 26	4 53	17 57	1 42	17 43	1 19	4 39	0 31	22 57	0 43	7 1	2 20	23 16	0 38	15 40	1 21	29 54	6 5	21 4	21 1	21 54		n.a.
F 7	10 11	5 56	5 0	17 36	1 47	17 21	1 20	4 22	0 30	22 56	0 43	6 58	2 20	23 16	0 38	15 39	1 21	29 54	6 6	21 1	21 0	21 54		n.a.
S 8	9 49	1 5	4 52	17 13	1 51	16 59	1 21	4 5	0 30	22 54	0 43	6 56	2 20	23 16	0 38	15 39	1 21	29 54	6 6	20 58	21 0	21 54		n.a.
S 9	9 27	3s54	4 27	16 46	1 54	16 36	1 22	3 47	0 29	22 53	0 43	6 53	2 20	23 16	0 38	15 38	1 21	29 54	6 6	20 56	20 59	21 53		n.a.
M10	9 5	8 46	3 47	16 18	1 57	16 13	1 23	3 30	0 28	22 51	0 43	6 50	2 20	23 16	0 38	15 37	1 21	29 55	6 6	20 54	20 58	21 53		n.a.
T 11	8 42	13 14	2 53	15 47	1 58	15 49	1 24	3 13	0 28	22 50	0 44	6 47	2 20	23 17	0 38	15 37	1 21	29 55	6 6	20 53	20 58	21 53		n.a.
W12	8 19	17 2	1 49	15 15	1 59	15 25	1 24	2 55	0 27	22 48	0 44	6 44	2 20	23 17	0 38	15 36	1 21	29 55	6 7	20 52	20 57	21 53		n.a.
T 13	7 56	19 52	0 37	14 40	1 58	15 0	1 25	2 38	0 26	22 47	0 44	6 41	2 20	23 17	0 38	15 35	1 21	29 55	6 7	20 52	20 56	21 52		n.a.
F 14	7 33	21 31	0n37	14 4	1 58	14 35	1 26	2 20	0 26	22 45	0 44	6 39	2 20	23 17	0 38	15 34	1 21	29 55	6 7	20 52	20 56	21 52		n.a.
S 15	7 10	21 49	1 49	13 27	1 56	14 10	1 26	2 3	0 25	22 44	0 44	6 36	2 20	23 17	0 38	15 34	1 21	29 56	6 7	20 52	20 55	21 52		n.a.
S 16	6 47	20 43	2 55	12 49	1 54	13 44	1 27	1 45	0 25	22 42	0 45	6 33	2 20	23 17	0 38	15 33	1 21	29 56	6 8	20 51	20 54	21 51		n.a.
M17	6 24	18 19	3 50	12 9	1 51	13 18	1 27	1 27	0 24	22 40	0 45	6 30	2 20	23 17	0 38	15 32	1 21	29 56	6 8	20 51	20 54	21 51		n.a.
T 18	6 0	14 49	4 31	11 29	1 48	12 51	1 27	1 10	0 23	22 39	0 45	6 27	2 20	23 17	0 38	15 32	1 21	29 56	6 8	20 49	20 53	21 51		n.a.
W19	5 37	10 31	4 55	10 47	1 45	12 24	1 28	0 52	0 23	22 37	0 45	6 24	2 20	23 18	0 38	15 31	1 21	29 57	6 8	20 47	20 53	21 51		n.a.
T 20	5 13	5 43	5 1	10 5	1 41	11 57	1 28	0 34	0 22	22 36	0 45	6 22	2 20	23 18	0 38	15 30	1 21	29 57	6 9	20 45	20 52	21 50		n.a.
F 21	4 49	0 42	4 50	9 22	1 37	11 29	1 28	0 16	0 22	22 34	0 46	6 19	2 20	23 18	0 38	15 30	1 21	29 57	6 9	20 42	20 51	21 50		n.a.
S 22	4 25	4n15	4 23	8 39	1 32	11 1	1 28	0s 1	0 21	22 33	0 46	6 16	2 20	23 18	0 37	15 29	1 21	29 57	6 9	20 40	20 51	21 50		n.a.
S 23	4 1	8 53	3 42	7 55	1 28	10 33	1 28	0 19	0 20	22 31	0 46	6 13	2 20	23 18	0 37	15 28	1 21	29 57	6 9	20 38	20 50	21 49		n.a.
M24	3 37	13 1	2 51	7 11	1 22	10 4	1 28	0 37	0 20	22 30	0 46	6 10	2 20	23 18	0 37	15 28	1 21	29 58	6 9	20 36	20 49	21 49		n.a.
T 25	3 13	16 28	1 52	6 27	1 17	9 35	1 28	0 55	0 19	22 29	0 46	6 7	2 20	23 18	0 37	15 27	1 21	29 58	6 10	20 35	20 49	21 49		n.a.
W26	2 49	19 7	0 50	5 42	1 12	9 6	1 28	1 13	0 18	22 27	0 47	6 5	2 20	23 18	0 37	15 27	1 21	29 58	6 10	20 35	20 48	21 48		n.a.
T 27	2 25	20 52	0s14	4 57	1 6	8 37	1 27	1 30	0 18	22 26	0 47	6 2	2 20	23 18	0 37	15 26	1 21	29 58	6 10	20 35	20 47	21 48		n.a.
F 28	2 1	21 41	1 16	4 12	1 0	8 7	1 27	1 48	0 17	22 24	0 47	5 59	2 20	23 18	0 37	15 25	1 21	29 59	6 10	20 35	20 47	21 48		n.a.
S 29	1 36	21 31	2 15	3 27	0 54	7 37	1 27	2 6	0 17	22 23	0 47	5 56	2 20	23 18	0 37	15 25	1 22	29 59	6 11	20 35	20 46	21 47		n.a.
S 30	1n12	20n24	3s 9	2n42	0n48	7n 7	1n26	2s24	0n16	22n21	0n47	5n53	2n20	23s18	0s37	15n24	1n22	29n59	6n11	20s35	20s45	21n47		n.a.

Julian Day Number = 1348015.5, Delta T = 07h09m50s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'21, Lahiri = -18°04'20 Julian Calendar 1 Sept. 1023 BCE == Greg. Calendar 22 Aug. 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

OCTOBER 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 58 38	28♍ 2'06	20♋31	26♍44	16♍46	7♎17	24♋32	20♍49	17°R13	22♌52	1♋49	0°R28	1♐18	20♊33	n.a.	M 1
T 2	0 2 35	29° 2'33	2♌45	28°22	18° 2	8° 0	24°40	20°56	17♉13	22°54	1°49	0♐22	1°15	20°40	n.a.	T 2
W 3	0 6 32	0♎ 3'03	15°16	29°59	19°17	8°43	24°49	21° 3	17°13	22°56	1°49	0°15	1°12	20°47	n.a.	W 3
T 4	0 10 28	1° 3'34	28° 6	1♎35	20°33	9°26	24°58	21°10	17°12	22°58	1°50	0° 6	1° 9	20°53	n.a.	T 4
F 5	0 14 25	2° 4'07	11♍18	3°12	21°48	10°10	25° 6	21°17	17°12	23° 0	1°50	29♏55	1° 6	21° 0	n.a.	F 5
S 6	0 18 21	3° 4'42	24°51	4°47	23° 4	10°53	25°14	21°24	17°12	23° 1	1°50	29°45	1° 3	21° 7	n.a.	S 6
S 7	0 22 18	4° 5'19	8♎41	6°23	24°19	11°37	25°22	21°31	17°D12	23° 3	1°50	29°36	0°59	21°13	n.a.	S 7
M 8	0 26 14	5° 5'58	22°45	7°58	25°35	12°20	25°30	21°38	17°12	23° 5	1°50	29°28	0°56	21°20	n.a.	M 8
T 9	0 30 11	6° 6'37	6♏58	9°33	26°51	13° 4	25°38	21°45	17°12	23° 7	1°51	29°24	0°53	21°27	n.a.	T 9
W10	0 34 7	7° 7'19	21°15	11° 8	28° 6	13°47	25°46	21°52	17°12	23° 8	1°51	29°22	0°50	21°33	n.a.	W10
T 11	0 38 4	8° 8'02	5♐32	12°42	29°22	14°31	25°54	21°59	17°13	23°10	1°51	29°D22	0°47	21°40	n.a.	T 11
F 12	0 42 0	9° 8'46	19°47	14°17	0♎37	15°15	26° 1	22° 6	17°13	23°12	1°51	29°22	0°43	21°47	n.a.	F 12
S 13	0 45 57	10° 9'31	3♑57	15°51	1°53	15°59	26° 9	22°13	17°13	23°14	1°R51	29°R23	0°40	21°53	n.a.	S 13
S 14	0 49 54	11°10'18	18° 1	17°24	3° 9	16°42	26°16	22°20	17°13	23°15	1°51	29°23	0°37	22° 0	n.a.	S 14
M15	0 53 50	12°11'06	1♒58	18°58	4°24	17°26	26°23	22°26	17°14	23°17	1°51	29°22	0°34	22° 7	n.a.	M15
T 16	0 57 47	13°11'55	15°46	20°31	5°40	18°10	26°30	22°33	17°14	23°18	1°51	29°18	0°31	22°13	n.a.	T 16
W17	1 1 43	14°12'44	29°26	22° 4	6°55	18°54	26°37	22°40	17°15	23°20	1°51	29°12	0°28	22°20	n.a.	W17
T 18	1 5 40	15°13'35	12♓54	23°37	8°11	19°38	26°43	22°47	17°15	23°22	1°51	29° 4	0°24	22°27	n.a.	T 18
F 19	1 9 36	16°14'28	26°11	25°10	9°27	20°22	26°50	22°54	17°16	23°23	1°50	28°56	0°21	22°33	n.a.	F 19
S 20	1 13 33	17°15'21	9♈13	26°42	10°42	21° 6	26°56	23° 0	17°16	23°25	1°50	28°49	0°18	22°40	n.a.	S 20
S 21	1 17 29	18°16'16	22° 1	28°15	11°58	21°51	27° 2	23° 7	17°17	23°26	1°50	28°43	0°15	22°47	n.a.	S 21
M22	1 21 26	19°17'11	4♉34	29°47	13°14	22°35	27° 8	23°14	17°18	23°27	1°50	28°38	0°12	22°53	n.a.	M22
T 23	1 25 23	20°18'09	16°52	1♏19	14°29	23°19	27°14	23°20	17°19	23°29	1°50	28°35	0° 8	23° 0	n.a.	T 23
W24	1 29 19	21°19'07	28°58	2°51	15°45	24° 3	27°20	23°27	17°20	23°30	1°49	28°D35	0° 5	23° 7	n.a.	W24
T 25	1 33 16	22°20'07	10♊54	4°23	17° 0	24°48	27°25	23°34	17°20	23°32	1°49	28°35	0° 2	23°13	n.a.	T 25
F 26	1 37 12	23°21'08	22°44	5°55	18°16	25°32	27°31	23°40	17°21	23°33	1°49	28°37	29♏59	23°20	n.a.	F 26
S 27	1 41 9	24°22'11	4♋32	7°26	19°32	26°17	27°36	23°47	17°22	23°34	1°48	28°39	29°56	23°26	n.a.	S 27
S 28	1 45 5	25°23'15	16°22	8°57	20°47	27° 1	27°41	23°53	17°23	23°36	1°48	28°40	29°53	23°33	n.a.	S 28
M29	1 49 2	26°24'20	28°21	10°28	22° 3	27°46	27°46	23°59	17°25	23°37	1°47	28°R41	29°49	23°40	n.a.	M29
T 30	1 52 58	27°25'26	10♌33	11°59	23°19	28°31	27°51	24° 6	17°26	23°38	1°47	28°40	29°46	23°46	n.a.	T 30
W31	1 56 55	28♎26'33	23♌ 2	13♏29	24♎34	29♎15	27♋55	24♍12	17♉27	23♌39	1♋47	28♏37	29♏43	23♊53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	0n48	18n21	3s55	1n57	0n42	6n37	1n26	2s42	0n15	22n20	0n48	5n50	2n20	23s18	0s37	15n23	1n22	29n59	6n11	20s34	20s45	21n47			n.a.
T 2	0 23	15 28	4 31	1 12	0 35	6 6	1 25	3 0	0 15	22 19	0 48	5 48	2 20	23 18	0 37	15 23	1 22	30 0	6 11	20 33	20 44	21 46			n.a.
W 3	0s 1	11 49	4 55	0 27	0 29	5 36	1 24	3 18	0 14	22 17	0 48	5 45	2 20	23 18	0 37	15 22	1 22	30 0	6 12	20 31	20 43	21 46			n.a.
T 4	0 26	7 34	5 5	0s18	0 23	5 5	1 24	3 36	0 13	22 16	0 48	5 42	2 20	23 18	0 37	15 22	1 22	30 0	6 12	20 29	20 43	21 46			n.a.
F 5	0 50	2 50	4 59	1 3	0 16	4 34	1 23	3 54	0 13	22 14	0 48	5 39	2 20	23 18	0 37	15 21	1 22	30 0	6 12	20 27	20 42	21 45			n.a.
S 6	1 15	2s 8	4 37	1 47	0 10	4 3	1 22	4 11	0 12	22 13	0 49	5 37	2 21	23 18	0 37	15 20	1 22	30 1	6 12	20 25	20 41	21 45			n.a.
S 7	1 39	7 7	3 58	2 32	0 3	3 32	1 21	4 29	0 11	22 12	0 49	5 34	2 21	23 18	0 37	15 20	1 22	30 1	6 13	20 23	20 41	21 44			n.a.
M 8	2 3	11 49	3 4	3 16	0s 3	3 0	1 20	4 47	0 11	22 11	0 49	5 31	2 21	23 18	0 37	15 19	1 22	30 1	6 13	20 21	20 40	21 44			n.a.
T 9	2 28	15 54	1 57	4 0	0 10	2 29	1 19	5 5	0 10	22 9	0 49	5 28	2 21	23 18	0 37	15 19	1 22	30 1	6 13	20 20	20 39	21 44			n.a.
W10	2 52	19 3	0 44	4 43	0 16	1 57	1 18	5 23	0 9	22 8	0 50	5 26	2 21	23 18	0 37	15 18	1 22	30 2	6 13	20 20	20 39	21 43			n.a.
T 11	3 17	21 1	0n33	5 27	0 23	1 26	1 17	5 40	0 9	22 7	0 50	5 23	2 21	23 18	0 37	15 18	1 22	30 2	6 14	20 20	20 38	21 43			n.a.
F 12	3 41	21 37	1 48	6 10	0 29	0 54	1 16	5 58	0 8	22 6	0 50	5 20	2 21	23 18	0 37	15 17	1 22	30 2	6 14	20 20	20 37	21 42			n.a.
S 13	4 5	20 50	2 56	6 53	0 36	0 23	1 14	6 16	0 8	22 4	0 50	5 17	2 21	23 18	0 37	15 17	1 22	30 2	6 14	20 20	20 37	21 42			n.a.
S 14	4 29	18 45	3 52	7 35	0 42	0s 9	1 13	6 34	0 7	22 3	0 50	5 15	2 21	23 18	0 37	15 16	1 22	30 3	6 14	20 20	20 36	21 42			n.a.
M15	4 53	15 35	4 34	8 17	0 48	0 41	1 12	6 51	0 6	22 2	0 51	5 12	2 21	23 18	0 37	15 16	1 22	30 3	6 15	20 20	20 35	21 41			n.a.
T 16	5 17	11 35	5 0	8 58	0 54	1 13	1 10	7 9	0 6	22 1	0 51	5 9	2 21	23 18	0 37	15 15	1 22	30 3	6 15	20 19	20 35	21 41			n.a.
W17	5 41	7 2	5 9	9 40	1 0	1 44	1 9	7 26	0 5	22 0	0 51	5 7	2 21	23 18	0 37	15 15	1 22	30 3	6 15	20 18	20 34	21 40			n.a.
T 18	6 5	2 13	5 0	10 20	1 6	2 16	1 7	7 44	0 4	21 59	0 51	5 4	2 21	23 17	0 37	15 14	1 22	30 3	6 15	20 16	20 33	21 40			n.a.
F 19	6 29	2n39	4 35	11 0	1 12	2 48	1 6	8 1	0 4	21 58	0 52	5 1	2 22	23 17	0 37	15 14	1 22	30 4	6 16	20 14	20 33	21 39			n.a.
S 20	6 53	7 19	3 56	11 40	1 18	3 19	1 4	8 19	0 3	21 57	0 52	4 59	2 22	23 17	0 37	15 13	1 22	30 4	6 16	20 13	20 32	21 39			n.a.
S 21	7 16	11 34	3 6	12 19	1 23	3 51	1 3	8 36	0 2	21 56	0 52	4 56	2 22	23 17	0 37	15 13	1 22	30 4	6 16	20 11	20 31	21 39			n.a.
M22	7 40	15 14	2 7	12 57	1 29	4 22	1 1	8 54	0 2	21 55	0 52	4 54	2 22	23 17	0 37	15 12	1 22	30 4	6 16	20 10	20 31	21 38			n.a.
T 23	8 3	18 9	1 3	13 35	1 34	4 54	0 59	9 11	0 1	21 54	0 53	4 51	2 22	23 17	0 37	15 12	1 23	30 5	6 17	20 10	20 30	21 38			n.a.
W24	8 26	20 13	0s 2	14 12	1 39	5 25	0 57	9 28	0 0	21 53	0 53	4 48	2 22	23 17	0 37	15 12	1 23	30 5	6 17	20 9	20 29	21 37			n.a.
T 25	8 50	21 20	1 7	14 49	1 44	5 56	0 55	9 45	0s 0	21 52	0 53	4 46	2 22	23 17	0 37	15 11	1 23	30 5	6 17	20 10	20 29	21 37			n.a.
F 26	9 13	21 29	2 8	15 24	1 48	6 27	0 54	10 2	0 1	21 51	0 53	4 43	2 22	23 16	0 37	15 11	1 23	30 5	6 17	20 10	20 28	21 36			n.a.
S 27	9 35	20 40	3 4	15 59	1 53	6 58	0 52	10 19	0 2	21 51	0 54	4 41	2 22	23 16	0 37	15 10	1 23	30 6	6 18	20 10	20 27	21 36			n.a.
S 28	9 58	18 57	3 52	16 33	1 57	7 28	0 50	10 36	0 2	21 50	0 54	4 38	2 23	23 16	0 37	15 10	1 23	30 6	6 18	20 11	20 27	21 35			n.a.
M29	10 21	16 24	4 31	17 6	2 1	7 59	0 48	10 53	0 3	21 49	0 54	4 36	2 23	23 16	0 37	15 10	1 23	30 6	6 18	20 11	20 26	21 35			n.a.
T 30	10 43	13 5	4 58	17 38	2 4	8 29	0 46	11 10	0 4	21 48	0 54	4 34	2 23	23 16	0 37	15 9	1 23	30 6	6 18	20 10	20 25	21 34			n.a.
W31	11s 5	9n 8	5s12	18s 9	2s 7	8s59	0n44	11s27	0s 4	21n48	0n55	4n31	2n23	23s16	0s36	15n 9	1n23	30n 7	6n18	20s10	20s24	21n34			n.a.

Julian Day Number = 1348045.5, Delta T = 07h09m49s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'17, Lahiri = -18°04'16 Julian Calendar 1 Oct. 1023 BCE == Greg. Calendar 21 Sept. 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

NOVEMBER 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 52	29♎27'42	5♍53	14♏59	25♎50	0♏ 0	28♋ 0	24♍18	17♑28	23♌40	1°R46	28°R34	29♏40	24♊ 0	n.a.	T 1
F 2	2 4 48	0♏28'52	19° 9	16°28	27° 6	0°45	28° 4	24°25	17°29	23°42	1♋45	28♏29	29°37	24° 6	n.a.	F 2
S 3	2 8 45	1°30'02	2♎49	17°57	28°21	1°30	28° 8	24°31	17°31	23°43	1°45	28°25	29°34	24°13	n.a.	S 3
S 4	2 12 41	2°31'14	16°53	19°25	29°37	2°15	28°12	24°37	17°32	23°44	1°44	28°21	29°30	24°20	n.a.	S 4
M 5	2 16 38	3°32'26	1♏17	20°52	0♏53	3° 0	28°15	24°43	17°34	23°45	1°44	28°18	29°27	24°26	n.a.	M 5
T 6	2 20 34	4°33'39	15°55	22°19	2° 8	3°45	28°19	24°49	17°35	23°46	1°43	28°16	29°24	24°33	n.a.	T 6
W 7	2 24 31	5°34'53	0♐40	23°44	3°24	4°30	28°22	24°55	17°37	23°47	1°42	28°D16	29°21	24°40	n.a.	W 7
T 8	2 28 27	6°36'08	15°25	25° 7	4°39	5°15	28°25	25° 1	17°38	23°48	1°42	28°16	29°18	24°46	n.a.	T 8
F 9	2 32 24	7°37'23	0♑ 4	26°29	5°55	6° 0	28°28	25° 7	17°40	23°49	1°41	28°18	29°14	24°53	n.a.	F 9
S 10	2 36 21	8°38'38	14°32	27°49	7°11	6°45	28°31	25°13	17°41	23°50	1°40	28°19	29°11	25° 0	n.a.	S 10
S 11	2 40 17	9°39'53	28°44	29° 7	8°26	7°30	28°34	25°19	17°43	23°50	1°40	28°20	29° 8	25° 6	n.a.	S 11
M12	2 44 14	10°41'08	12♒41	0♐22	9°42	8°15	28°36	25°24	17°45	23°51	1°39	28°R20	29° 5	25°13	n.a.	M12
T 13	2 48 10	11°42'24	26°21	1°34	10°57	9° 1	28°38	25°30	17°47	23°52	1°38	28°20	29° 2	25°20	n.a.	T 13
W14	2 52 7	12°43'39	9♓44	2°42	12°13	9°46	28°40	25°36	17°49	23°53	1°37	28°18	28°59	25°26	n.a.	W14
T 15	2 56 3	13°44'55	22°51	3°47	13°29	10°31	28°42	25°41	17°50	23°53	1°36	28°17	28°55	25°33	n.a.	T 15
F 16	3 0 0	14°46'10	5♈45	4°46	14°44	11°17	28°44	25°47	17°52	23°54	1°36	28°15	28°52	25°40	n.a.	F 16
S 17	3 3 57	15°47'26	18°24	5°39	16° 0	12° 2	28°45	25°52	17°54	23°55	1°35	28°13	28°49	25°46	n.a.	S 17
S 18	3 7 53	16°48'42	0♉52	6°27	17°15	12°48	28°47	25°57	17°56	23°55	1°34	28°11	28°46	25°53	n.a.	S 18
M19	3 11 50	17°49'58	13° 9	7° 7	18°31	13°33	28°48	26° 3	17°58	23°56	1°33	28°10	28°43	26° 0	n.a.	M19
T 20	3 15 46	18°51'14	25°16	7°39	19°46	14°19	28°49	26° 8	18° 1	23°57	1°32	28°D10	28°40	26° 6	n.a.	T 20
W21	3 19 43	19°52'30	7♊14	8° 1	21° 2	15° 5	28°49	26°13	18° 3	23°57	1°31	28°10	28°36	26°13	n.a.	W21
T 22	3 23 39	20°53'47	19° 7	8°14	22°17	15°50	28°50	26°18	18° 5	23°58	1°30	28°10	28°33	26°20	n.a.	T 22
F 23	3 27 36	21°55'03	0♋56	8°R16	23°33	16°36	28°50	26°23	18° 7	23°58	1°29	28°11	28°30	26°26	n.a.	F 23
S 24	3 31 32	22°56'20	12°44	8° 7	24°48	17°22	28°R50	26°28	18° 9	23°58	1°28	28°12	28°27	26°33	n.a.	S 24
S 25	3 35 29	23°57'37	24°35	7°46	26° 4	18° 7	28°50	26°33	18°12	23°59	1°27	28°12	28°24	26°40	n.a.	S 25
M26	3 39 26	24°58'54	6♌33	7°13	27°19	18°53	28°50	26°38	18°14	23°59	1°26	28°13	28°20	26°46	n.a.	M26
T 27	3 43 22	26° 0'11	18°42	6°29	28°35	19°39	28°49	26°43	18°16	23°59	1°25	28°13	28°17	26°53	n.a.	T 27
W28	3 47 19	27° 1'28	1♍ 7	5°34	29°50	20°25	28°49	26°47	18°19	24° 0	1°24	28°R13	28°14	27° 0	n.a.	W28
T 29	3 51 15	28° 2'45	13°52	4°30	1♐ 5	21°11	28°48	26°52	18°21	24° 0	1°22	28°D13	28°11	27° 6	n.a.	T 29
F 30	3 55 12	29♏ 4'02	27♍ 1	3♐18	2♐21	21♏57	28♋47	26♍56	18♑24	24♌ 0	1♋21	28♏13	28♏ 8	27♊13	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s27	4n41	5s11	18s39	2s10	9s29	0n42	11s44	0s 5	21n47	0n55	4n29	2n23	23s15	0s36	15n 8	1n23	30n 7	6n19	20s 9	20s24	21n33		n.a.
F 2	11 49	0s 8	4 54	19 8	2 13	9 59	0 39	12 0	0 6	21 47	0 55	4 26	2 23	23 15	0 36	15 8	1 23	30 7	6 19	20 8	20 23	21 33		n.a.
S 3	12 11	5 5	4 19	19 36	2 15	10 29	0 37	12 17	0 6	21 46	0 56	4 24	2 23	23 15	0 36	15 8	1 23	30 7	6 19	20 7	20 22	21 32		n.a.
S 4	12 32	9 56	3 28	20 3	2 16	10 58	0 35	12 33	0 7	21 45	0 56	4 22	2 24	23 15	0 36	15 8	1 23	30 8	6 19	20 6	20 22	21 32		n.a.
M 5	12 54	14 20	2 23	20 28	2 17	11 27	0 33	12 49	0 8	21 45	0 56	4 19	2 24	23 15	0 36	15 7	1 23	30 8	6 20	20 6	20 21	21 31		n.a.
T 6	13 15	17 56	1 8	20 51	2 18	11 55	0 31	13 5	0 8	21 45	0 56	4 17	2 24	23 14	0 36	15 7	1 23	30 8	6 20	20 5	20 20	21 31		n.a.
W 7	13 35	20 24	0n13	21 14	2 18	12 24	0 29	13 21	0 9	21 44	0 57	4 15	2 24	23 14	0 36	15 7	1 23	30 8	6 20	20 5	20 20	21 30		n.a.
T 8	13 56	21 27	1 33	21 34	2 18	12 52	0 26	13 37	0 10	21 44	0 57	4 13	2 24	23 14	0 36	15 6	1 23	30 9	6 20	20 5	20 19	21 30		n.a.
F 9	14 16	21 2	2 47	21 53	2 16	13 20	0 24	13 53	0 10	21 43	0 57	4 10	2 24	23 14	0 36	15 6	1 23	30 9	6 21	20 6	20 18	21 29		n.a.
S 10	14 36	19 13	3 49	22 10	2 15	13 47	0 22	14 9	0 11	21 43	0 57	4 8	2 24	23 13	0 36	15 6	1 23	30 9	6 21	20 6	20 18	21 29		n.a.
S 11	14 56	16 15	4 35	22 25	2 12	14 14	0 19	14 25	0 12	21 43	0 58	4 6	2 25	23 13	0 36	15 6	1 23	30 9	6 21	20 6	20 17	21 28		n.a.
M12	15 16	12 24	5 5	22 38	2 9	14 41	0 17	14 40	0 12	21 43	0 58	4 4	2 25	23 13	0 36	15 5	1 24	30 9	6 21	20 6	20 16	21 27		n.a.
T 13	15 35	7 59	5 16	22 50	2 4	15 7	0 15	14 56	0 13	21 42	0 58	4 2	2 25	23 13	0 36	15 5	1 24	30 10	6 21	20 6	20 15	21 27		n.a.
W14	15 54	3 16	5 10	22 58	1 59	15 33	0 12	15 11	0 14	21 42	0 59	4 0	2 25	23 12	0 36	15 5	1 24	30 10	6 22	20 6	20 15	21 26		n.a.
T 15	16 13	1n31	4 48	23 5	1 53	15 58	0 10	15 26	0 14	21 42	0 59	3 57	2 25	23 12	0 36	15 5	1 24	30 10	6 22	20 5	20 14	21 26		n.a.
F 16	16 31	6 9	4 11	23 9	1 45	16 23	0 8	15 41	0 15	21 42	0 59	3 55	2 26	23 12	0 36	15 5	1 24	30 10	6 22	20 5	20 13	21 25		n.a.
S 17	16 49	10 27	3 23	23 10	1 37	16 48	0 5	15 56	0 15	21 42	0 59	3 53	2 26	23 12	0 36	15 4	1 24	30 11	6 22	20 4	20 13	21 25		n.a.
S 18	17 7	14 14	2 26	23 9	1 27	17 12	0 3	16 11	0 16	21 42	1 0	3 51	2 26	23 11	0 36	15 4	1 24	30 11	6 22	20 4	20 12	21 24		n.a.
M19	17 25	17 20	1 22	23 5	1 16	17 36	0 1	16 25	0 17	21 42	1 0	3 49	2 26	23 11	0 36	15 4	1 24	30 11	6 23	20 4	20 11	21 23		n.a.
T 20	17 42	19 38	0 16	22 59	1 4	17 59	0s 2	16 40	0 17	21 42	1 0	3 48	2 26	23 11	0 36	15 4	1 24	30 11	6 23	20 4	20 10	21 23		n.a.
W21	17 59	21 2	0s50	22 49	0 50	18 22	0 4	16 54	0 18	21 42	1 1	3 46	2 26	23 10	0 36	15 4	1 24	30 11	6 23	20 4	20 10	21 22		n.a.
T 22	18 16	21 28	1 54	22 36	0 35	18 44	0 6	17 8	0 19	21 42	1 1	3 44	2 27	23 10	0 36	15 4	1 24	30 12	6 23	20 4	20 9	21 22		n.a.
F 23	18 32	20 56	2 52	22 20	0 19	19 6	0 9	17 22	0 19	21 43	1 1	3 42	2 27	23 10	0 36	15 4	1 24	30 12	6 23	20 4	20 8	21 21		n.a.
S 24	18 48	19 29	3 43	22 2	0 1	19 27	0 11	17 36	0 20	21 43	1 1	3 40	2 27	23 9	0 36	15 4	1 24	30 12	6 24	20 4	20 8	21 21		n.a.
S 25	19 3	17 12	4 25	21 40	0n17	19 48	0 14	17 50	0 21	21 43	1 2	3 38	2 27	23 9	0 36	15 4	1 24	30 12	6 24	20 4	20 7	21 20		n.a.
M26	19 19	14 9	4 56	21 15	0 37	20 8	0 16	18 3	0 21	21 44	1 2	3 37	2 27	23 9	0 36	15 3	1 24	30 12	6 24	20 4	20 6	21 19		n.a.
T 27	19 34	10 29	5 14	20 48	0 56	20 27	0 18	18 17	0 22	21 44	1 2	3 35	2 28	23 8	0 36	15 3	1 24	30 13	6 24	20 4	20 5	21 19		n.a.
W28	19 48	6 18	5 18	20 19	1 16	20 46	0 21	18 30	0 23	21 44	1 3	3 33	2 28	23 8	0 36	15 3	1 24	30 13	6 24	20 4	20 5	21 18		n.a.
T 29	20 2	1 44	5 6	19 48	1 36	21 4	0 23	18 43	0 23	21 45	1 3	3 31	2 28	23 8	0 36	15 3	1 25	30 13	6 25	20 4	20 4	21 17		n.a.
F 30	20s16	3s 3	4s39	19s16	1n55	21s22	0s25	18s56	0s24	21n45	1n 3	3n30	2n28	23s 7	0s36	15n 3	1n25	30n13	6n25	20s 4	20s 3	21n17		n.a.

Julian Day Number = 1348076.5, Delta T = 07h09m47s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'13, Lahiri = -18°04'12 Julian Calendar 1 Nov. 1023 BCE == Greg. Calendar 22 Oct. 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1023 BCE
geocentric

DECEMBER 1023 BCE (-1022) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 8	0♐ 5'19	10♎37	2°R 1	3♐36	22♏43	28°R46	27♍ 1	18♉26	24♌ 0	1°R20	28♏13	28♏ 5	27♊20	n.a.	S 1
S 2	4 3 5	1° 6'37	24°39	0♐41	4°52	23°29	28♋44	27° 5	18°29	24° 1	1♋19	28°13	28° 1	27°26	n.a.	S 2
M 3	4 7 1	2° 7'53	9♏ 7	29♏21	6° 7	24°15	28°42	27° 9	18°32	24° 1	1°18	28°13	27°58	27°33	n.a.	M 3
T 4	4 10 58	3° 9'10	23°56	28° 3	7°23	25° 1	28°41	27°14	18°34	24° 1	1°17	28°R14	27°55	27°40	n.a.	T 4
W 5	4 14 55	4°10'26	8♐59	26°50	8°38	25°47	28°39	27°18	18°37	24° 1	1°15	28°14	27°52	27°46	n.a.	W 5
T 6	4 18 51	5°11'42	24° 8	25°44	9°53	26°34	28°36	27°22	18°40	24°R 1	1°14	28°13	27°49	27°53	n.a.	T 6
F 7	4 22 48	6°12'57	9♑12	24°45	11° 9	27°20	28°34	27°26	18°42	24° 1	1°13	28°12	27°46	28° 0	n.a.	F 7
S 8	4 26 44	7°14'12	24° 3	23°55	12°24	28° 6	28°31	27°30	18°45	24° 1	1°12	28°11	27°42	28° 6	n.a.	S 8
S 9	4 30 41	8°15'25	8♒35	23°15	13°39	28°52	28°29	27°33	18°48	24° 1	1°10	28°10	27°39	28°13	n.a.	S 9
M10	4 34 37	9°16'38	22°44	22°44	14°55	29°39	28°26	27°37	18°51	24° 0	1° 9	28° 9	27°36	28°20	n.a.	M10
T 11	4 38 34	10°17'49	6♓29	22°23	16°10	0♐25	28°22	27°41	18°53	24° 0	1° 8	28°D 9	27°33	28°26	n.a.	T 11
W12	4 42 31	11°18'59	19°49	22°11	17°25	1°11	28°19	27°44	18°56	24° 0	1° 7	28° 9	27°30	28°33	n.a.	W12
T 13	4 46 27	12°20'09	2♈47	22°D 8	18°41	1°58	28°16	27°48	18°59	24° 0	1° 5	28°10	27°26	28°40	n.a.	T 13
F 14	4 50 24	13°21'17	15°27	22°14	19°56	2°44	28°12	27°51	19° 2	24° 0	1° 4	28°11	27°23	28°46	n.a.	F 14
S 15	4 54 20	14°22'24	27°51	22°26	21°11	3°31	28° 8	27°54	19° 5	23°59	1° 3	28°12	27°20	28°53	n.a.	S 15
S 16	4 58 17	15°23'30	10♉ 3	22°46	22°26	4°17	28° 4	27°57	19° 8	23°59	1° 1	28°14	27°17	29° 0	n.a.	S 16
M17	5 2 13	16°24'35	22° 6	23°12	23°42	5° 4	28° 0	28° 1	19°11	23°59	1° 0	28°15	27°14	29° 6	n.a.	M17
T 18	5 6 10	17°25'39	4♊ 2	23°44	24°57	5°50	27°55	28° 4	19°14	23°58	0°59	28°R15	27°11	29°13	n.a.	T 18
W19	5 10 6	18°26'42	15°54	24°21	26°12	6°37	27°51	28° 6	19°17	23°58	0°57	28°14	27° 7	29°20	n.a.	W19
T 20	5 14 3	19°27'44	27°43	25° 4	27°27	7°23	27°46	28° 9	19°20	23°57	0°56	28°11	27° 4	29°26	n.a.	T 20
F 21	5 18 0	20°28'45	9♋33	25°50	28°42	8°10	27°41	28°12	19°23	23°57	0°54	28° 8	27° 1	29°33	n.a.	F 21
S 22	5 21 56	21°29'45	21°24	26°40	29°57	8°57	27°36	28°15	19°27	23°56	0°53	28° 4	26°58	29°40	n.a.	S 22
S 23	5 25 53	22°30'43	3♌18	27°34	1♑13	9°43	27°31	28°17	19°30	23°56	0°52	28° 0	26°55	29°46	n.a.	S 23
M24	5 29 49	23°31'41	15°20	28°32	2°28	10°30	27°26	28°20	19°33	23°55	0°50	27°56	26°51	29°53	n.a.	M24
T 25	5 33 46	24°32'38	27°31	29°32	3°43	11°17	27°20	28°22	19°36	23°54	0°49	27°52	26°48	29°59	n.a.	T 25
W26	5 37 42	25°33'34	9♍54	0♐35	4°58	12° 3	27°14	28°24	19°39	23°54	0°48	27°50	26°45	0♋ 6	n.a.	W26
T 27	5 41 39	26°34'28	22°35	1°40	6°13	12°50	27° 9	28°26	19°43	23°53	0°46	27°D49	26°42	0°13	n.a.	T 27
F 28	5 45 36	27°35'22	5♎35	2°47	7°28	13°37	27° 3	28°28	19°46	23°52	0°45	27°49	26°39	0°20	n.a.	F 28
S 29	5 49 32	28°36'14	18°59	3°57	8°43	14°24	26°57	28°30	19°49	23°52	0°43	27°50	26°36	0°26	n.a.	S 29
S 30	5 53 29	29°37'06	2♏50	5° 9	9°58	15°11	26°50	28°32	19°52	23°51	0°42	27°51	26°32	0°33	n.a.	S 30
M31	5 57 25	0♑37'56	17♏ 7	6♐22	11♑13	15♐57	26♋44	28♍34	19♑56	23♌50	0♋40	27♏53	26♏29	0♋40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s29	7s52	3s55	18s43	2n13	21s39	0s27	19s 8	0s25	21n46	1n 3	3n28	2n29	23s 7	0s36	15n 3	1n25	30n13	6n25	20s 4	20s 3	21n16		n.a.
S 2	20 42	12 25	2 56	18 11	2 29	21 56	0 30	19 21	0 25	21 46	1 4	3 27	2 29	23 7	0 36	15 3	1 25	30 14	6 25	20 5	20 2	21 16		n.a.
M 3	20 55	16 24	1 44	17 40	2 43	22 11	0 32	19 33	0 26	21 47	1 4	3 25	2 29	23 6	0 36	15 3	1 25	30 14	6 25	20 5	20 1	21 15		n.a.
T 4	21 7	19 26	0 24	17 11	2 55	22 27	0 34	19 45	0 27	21 48	1 4	3 24	2 29	23 6	0 36	15 3	1 25	30 14	6 25	20 5	20 0	21 14		n.a.
W 5	21 19	21 10	1n 0	16 46	3 5	22 41	0 36	19 57	0 27	21 48	1 5	3 22	2 29	23 5	0 36	15 3	1 25	30 14	6 26	20 5	20 0	21 14		n.a.
T 6	21 30	21 22	2 19	16 23	3 12	22 55	0 38	20 9	0 28	21 49	1 5	3 21	2 30	23 5	0 36	15 3	1 25	30 14	6 26	20 5	19 59	21 13		n.a.
F 7	21 41	20 1	3 29	16 4	3 17	23 8	0 41	20 20	0 29	21 50	1 5	3 19	2 30	23 5	0 36	15 4	1 25	30 14	6 26	20 4	19 58	21 12		n.a.
S 8	21 52	17 19	4 23	15 50	3 20	23 20	0 43	20 31	0 29	21 51	1 5	3 18	2 30	23 4	0 36	15 4	1 25	30 15	6 26	20 4	19 57	21 12		n.a.
S 9	22 2	13 35	4 59	15 39	3 20	23 32	0 45	20 42	0 30	21 52	1 6	3 17	2 30	23 4	0 36	15 4	1 25	30 15	6 26	20 4	19 57	21 11		n.a.
M10	22 11	9 11	5 16	15 32	3 19	23 43	0 47	20 53	0 30	21 53	1 6	3 16	2 31	23 3	0 36	15 4	1 25	30 15	6 26	20 4	19 56	21 10		n.a.
T 11	22 21	4 25	5 14	15 30	3 16	23 54	0 49	21 4	0 31	21 53	1 6	3 14	2 31	23 3	0 36	15 4	1 25	30 15	6 26	20 4	19 55	21 10		n.a.
W12	22 29	0n25	4 55	15 31	3 12	24 3	0 51	21 14	0 32	21 54	1 6	3 13	2 31	23 2	0 36	15 4	1 25	30 15	6 27	20 4	19 55	21 9		n.a.
T 13	22 38	5 7	4 21	15 35	3 7	24 12	0 53	21 24	0 32	21 55	1 7	3 12	2 31	23 2	0 36	15 4	1 25	30 15	6 27	20 4	19 54	21 8		n.a.
F 14	22 46	9 29	3 36	15 42	3 1	24 20	0 55	21 34	0 33	21 56	1 7	3 11	2 32	23 2	0 36	15 4	1 25	30 16	6 27	20 4	19 53	21 8		n.a.
S 15	22 53	13 22	2 41	15 52	2 54	24 27	0 56	21 44	0 34	21 57	1 7	3 10	2 32	23 1	0 36	15 4	1 25	30 16	6 27	20 4	19 52	21 7		n.a.
S 16	23 0	16 37	1 39	16 5	2 46	24 34	0 58	21 54	0 34	21 59	1 8	3 9	2 32	23 1	0 36	15 5	1 25	30 16	6 27	20 5	19 52	21 6		n.a.
M17	23 7	19 7	0 34	16 19	2 38	24 40	1 0	22 3	0 35	22 0	1 8	3 8	2 32	23 0	0 36	15 5	1 26	30 16	6 27	20 5	19 51	21 5		n.a.
T 18	23 13	20 46	0s32	16 35	2 29	24 45	1 2	22 12	0 35	22 1	1 8	3 7	2 33	23 0	0 36	15 5	1 26	30 16	6 27	20 5	19 50	21 5		n.a.
W19	23 18	21 28	1 36	16 53	2 20	24 49	1 4	22 21	0 36	22 2	1 8	3 6	2 33	22 59	0 36	15 5	1 26	30 16	6 27	20 5	19 49	21 4		n.a.
T 20	23 23	21 12	2 36	17 12	2 11	24 53	1 5	22 29	0 37	22 3	1 9	3 5	2 33	22 59	0 36	15 5	1 26	30 16	6 28	20 4	19 49	21 3		n.a.
F 21	23 28	20 0	3 28	17 33	2 2	24 55	1 7	22 38	0 37	22 4	1 9	3 4	2 33	22 58	0 36	15 6	1 26	30 16	6 28	20 3	19 48	21 3		n.a.
S 22	23 32	17 56	4 12	17 53	1 53	24 57	1 8	22 46	0 38	22 6	1 9	3 3	2 34	22 58	0 36	15 6	1 26	30 17	6 28	20 2	19 47	21 2		n.a.
S 23	23 36	15 6	4 46	18 15	1 43	24 58	1 10	22 53	0 38	22 7	1 9	3 2	2 34	22 58	0 36	15 6	1 26	30 17	6 28	20 1	19 46	21 1		n.a.
M24	23 39	11 37	5 6	18 37	1 34	24 59	1 11	23 1	0 39	22 8	1 10	3 2	2 34	22 57	0 36	15 6	1 26	30 17	6 28	20 1	19 46	21 0		n.a.
T 25	23 42	7 37	5 14	19 0	1 24	24 58	1 13	23 8	0 40	22 10	1 10	3 1	2 35	22 57	0 36	15 7	1 26	30 17	6 28	20 0	19 45	21 0		n.a.
W26	23 44	3 15	5 7	19 22	1 15	24 57	1 14	23 15	0 40	22 11	1 10	3 0	2 35	22 56	0 36	15 7	1 26	30 17	6 28	19 59	19 44	20 59		n.a.
T 27	23 46	1s22	4 45	19 45	1 6	24 55	1 15	23 22	0 41	22 12	1 10	3 0	2 35	22 56	0 35	15 7	1 26	30 17	6 28	19 59	19 43	20 58		n.a.
F 28	23 48	6 3	4 8	20 8	0 56	24 53	1 17	23 29	0 41	22 14	1 11	2 59	2 35	22 55	0 35	15 7	1 26	30 17	6 28	19 59	19 43	20 57		n.a.
S 29	23 48	10 35	3 17	20 30	0 47	24 49	1 18	23 35	0 42	22 15	1 11	2 59	2 36	22 55	0 35	15 8	1 26	30 17	6 28	19 59	19 42	20 57		n.a.
S 30	23 49	14 43	2 13	20 52	0 38	24 45	1 19	23 41	0 43	22 17	1 11	2 58	2 36	22 54	0 35	15 8	1 26	30 17	6 29	20 0	19 41	20 56		n.a.
M31	23s49	18s 9	0s59	21s14	0n29	24s40	1s20	23s47	0s43	22n18	1n11	2n58	2n36	22s54	0s35	15n 8	1n26	30n17	6n29	20s 0	19s40	20n55		n.a.

Julian Day Number = 1348106.5, Delta T = 07h09m46s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'08, Lahiri = -18°04'08 Julian Calendar 1 Dec. 1023 BCE == Greg. Calendar 21 Nov. 1023 BCE

The year -1022 astronomical counting style corresponds to year 1023 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

JANUARY 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 1 22	1♉38'46	1♐49	7♐37	12♉28	16♐44	26°R38	28♍35	19♉59	23°R49	0°R39	27°R53	26♏26	0♋46	n.a.	T 1
W 2	6 5 18	2°39'34	16°51	8°53	13°43	17°31	26♋31	28°37	20° 2	23♌48	0♋38	27♏52	26°23	0°53	n.a.	W 2
T 3	6 9 15	3°40'21	2♉ 6	10°11	14°58	18°18	26°24	28°38	20° 6	23°47	0°36	27°49	26°20	1° 0	n.a.	T 3
F 4	6 13 11	4°41'06	17°22	11°31	16°13	19° 5	26°18	28°40	20° 9	23°46	0°35	27°44	26°17	1° 6	n.a.	F 4
S 5	6 17 8	5°41'49	2♒31	12°51	17°28	19°52	26°11	28°41	20°12	23°46	0°33	27°38	26°13	1°13	n.a.	S 5
S 6	6 21 5	6°42'31	17°21	14°13	18°43	20°39	26° 4	28°42	20°16	23°45	0°32	27°32	26°10	1°20	n.a.	S 6
M 7	6 25 1	7°43'11	1♓45	15°36	19°58	21°26	25°57	28°43	20°19	23°44	0°31	27°27	26° 7	1°26	n.a.	M 7
T 8	6 28 58	8°43'49	15°42	17° 0	21°13	22°13	25°49	28°44	20°22	23°43	0°29	27°23	26° 4	1°33	n.a.	T 8
W 9	6 32 54	9°44'25	29° 9	18°26	22°28	23° 0	25°42	28°45	20°26	23°41	0°28	27°20	26° 1	1°40	n.a.	W 9
T 10	6 36 51	10°44'59	12♈ 9	19°52	23°42	23°47	25°35	28°46	20°29	23°40	0°26	27°D20	25°57	1°46	n.a.	T 10
F 11	6 40 47	11°45'31	24°46	21°19	24°57	24°33	25°27	28°46	20°33	23°39	0°25	27°21	25°54	1°53	n.a.	F 11
S 12	6 44 44	12°46'01	7♉ 4	22°48	26°12	25°20	25°20	28°47	20°36	23°38	0°24	27°22	25°51	2° 0	n.a.	S 12
S 13	6 48 40	13°46'29	19° 8	24°17	27°27	26° 7	25°12	28°47	20°39	23°37	0°22	27°23	25°48	2° 6	n.a.	S 13
M14	6 52 37	14°46'55	1♊ 3	25°48	28°42	26°54	25° 5	28°48	20°43	23°36	0°21	27°R24	25°45	2°13	n.a.	M14
T 15	6 56 34	15°47'19	12°53	27°19	29°56	27°41	24°57	28°48	20°46	23°35	0°20	27°22	25°42	2°20	n.a.	T 15
W16	7 0 30	16°47'41	24°41	28°51	1♒11	28°28	24°49	28°48	20°50	23°33	0°18	27°18	25°38	2°26	n.a.	W16
T 17	7 4 27	17°48'01	6♋30	0♉25	2°26	29°15	24°42	28°R48	20°53	23°32	0°17	27°12	25°35	2°33	n.a.	T 17
F 18	7 8 23	18°48'20	18°22	1°59	3°40	0♉ 2	24°34	28°48	20°57	23°31	0°16	27° 4	25°32	2°40	n.a.	F 18
S 19	7 12 20	19°48'36	0♌19	3°34	4°55	0°49	24°26	28°48	21° 0	23°30	0°14	26°54	25°29	2°46	n.a.	S 19
S 20	7 16 16	20°48'50	12°22	5°11	6°10	1°37	24°18	28°47	21° 4	23°28	0°13	26°43	25°26	2°53	n.a.	S 20
M21	7 20 13	21°49'03	24°32	6°48	7°24	2°24	24°10	28°47	21° 7	23°27	0°12	26°33	25°23	3° 0	n.a.	M21
T 22	7 24 9	22°49'14	6♍52	8°26	8°39	3°11	24° 3	28°46	21°10	23°26	0°10	26°23	25°19	3° 6	n.a.	T 22
W23	7 28 6	23°49'23	19°22	10° 6	9°53	3°58	23°55	28°46	21°14	23°24	0° 9	26°16	25°16	3°13	n.a.	W23
T 24	7 32 3	24°49'30	2♎ 5	11°46	11° 8	4°45	23°47	28°45	21°17	23°23	0° 8	26°11	25°13	3°20	n.a.	T 24
F 25	7 35 59	25°49'35	15° 4	13°28	12°22	5°32	23°39	28°44	21°21	23°21	0° 7	26° 9	25°10	3°27	n.a.	F 25
S 26	7 39 56	26°49'39	28°22	15°10	13°37	6°19	23°31	28°43	21°24	23°20	0° 5	26°D 8	25° 7	3°33	n.a.	S 26
S 27	7 43 52	27°49'41	12♏ 1	16°54	14°51	7° 6	23°23	28°42	21°28	23°19	0° 4	26° 8	25° 3	3°40	n.a.	S 27
M28	7 47 49	28°49'42	26° 3	18°38	16° 5	7°53	23°15	28°41	21°31	23°17	0° 3	26°R 9	25° 0	3°47	n.a.	M28
T 29	7 51 45	29°49'41	10♐28	20°24	17°20	8°40	23° 8	28°40	21°35	23°16	0° 2	26° 8	24°57	3°53	n.a.	T 29
W30	7 55 42	0♒49'38	25°15	22°11	18°34	9°27	23° 0	28°39	21°38	23°14	0° 1	26° 5	24°54	4° 0	n.a.	W30
T 31	7 59 38	1♒49'33	10♉16	23♉59	19♒49	10♉14	22♋52	28♍37	21♉41	23♌13	29♊59	25♏59	24♏51	4♋ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23 s48	20 s30	0n22	21 s35	0n21	24 s34	1 s21	23 s52	0 s44	22n20	1n11	2n57	2n36	22 s53	0 s35	15n 9	1n26	30n18	6n29	20 s 0	19 s40	20n54			n.a.
W 2	23 47	21 28	1 42	21 56	0 12	24 27	1 22	23 57	0 44	22 21	1 12	2 57	2 37	22 53	0 35	15 9	1 26	30 18	6 29	20 0	19 39	20 54			n.a.
T 3	23 46	20 52	2 56	22 16	0 4	24 20	1 23	24 2	0 45	22 23	1 12	2 57	2 37	22 52	0 35	15 9	1 26	30 18	6 29	19 59	19 38	20 53			n.a.
F 4	23 44	18 45	3 57	22 36	0 s 5	24 12	1 24	24 7	0 45	22 24	1 12	2 56	2 37	22 52	0 35	15 10	1 26	30 18	6 29	19 58	19 37	20 52			n.a.
S 5	23 41	15 20	4 42	22 54	0 13	24 3	1 25	24 11	0 46	22 26	1 12	2 56	2 38	22 51	0 35	15 10	1 27	30 18	6 29	19 57	19 37	20 51			n.a.
S 6	23 39	11 2	5 6	23 12	0 20	23 54	1 25	24 15	0 47	22 27	1 13	2 56	2 38	22 51	0 35	15 11	1 27	30 18	6 29	19 55	19 36	20 50			n.a.
M 7	23 35	6 12	5 10	23 29	0 28	23 43	1 26	24 19	0 47	22 29	1 13	2 56	2 38	22 50	0 35	15 11	1 27	30 18	6 29	19 54	19 35	20 50			n.a.
T 8	23 31	1 12	4 55	23 45	0 35	23 32	1 27	24 23	0 48	22 30	1 13	2 56	2 38	22 50	0 35	15 11	1 27	30 18	6 29	19 53	19 34	20 49			n.a.
W 9	23 27	3n41	4 24	24 0	0 42	23 21	1 27	24 26	0 48	22 32	1 13	2 55	2 39	22 49	0 35	15 12	1 27	30 18	6 29	19 52	19 34	20 48			n.a.
T 10	23 22	8 15	3 41	24 14	0 49	23 8	1 28	24 29	0 49	22 34	1 13	2 55	2 39	22 49	0 35	15 12	1 27	30 18	6 29	19 52	19 33	20 47			n.a.
F 11	23 17	12 20	2 48	24 27	0 56	22 55	1 28	24 31	0 49	22 35	1 13	2 55	2 39	22 48	0 35	15 13	1 27	30 18	6 29	19 52	19 32	20 46			n.a.
S 12	23 11	15 47	1 48	24 39	1 2	22 41	1 29	24 34	0 50	22 37	1 14	2 55	2 39	22 48	0 35	15 13	1 27	30 18	6 29	19 53	19 31	20 46			n.a.
S 13	23 5	18 30	0 45	24 50	1 8	22 27	1 29	24 36	0 50	22 38	1 14	2 56	2 40	22 47	0 35	15 13	1 27	30 18	6 29	19 53	19 31	20 45			n.a.
M14	22 59	20 22	0 s20	24 59	1 14	22 12	1 29	24 38	0 51	22 40	1 14	2 56	2 40	22 46	0 35	15 14	1 27	30 18	6 29	19 53	19 30	20 44			n.a.
T 15	22 52	21 20	1 23	25 7	1 20	21 56	1 29	24 39	0 51	22 41	1 14	2 56	2 40	22 46	0 35	15 14	1 27	30 18	6 29	19 53	19 29	20 43			n.a.
W16	22 44	21 21	2 22	25 14	1 25	21 40	1 29	24 40	0 52	22 43	1 14	2 56	2 41	22 45	0 35	15 15	1 27	30 18	6 29	19 52	19 28	20 42			n.a.
T 17	22 37	20 25	3 15	25 19	1 30	21 23	1 29	24 41	0 52	22 44	1 14	2 56	2 41	22 45	0 35	15 15	1 27	30 18	6 29	19 51	19 28	20 41			n.a.
F 18	22 28	18 35	3 59	25 23	1 35	21 5	1 29	24 42	0 53	22 46	1 15	2 57	2 41	22 44	0 35	15 16	1 27	30 18	6 30	19 49	19 27	20 41			n.a.
S 19	22 20	15 57	4 34	25 25	1 39	20 47	1 29	24 42	0 54	22 48	1 15	2 57	2 41	22 44	0 35	15 16	1 27	30 18	6 30	19 46	19 26	20 40			n.a.
S 20	22 11	12 38	4 56	25 26	1 43	20 28	1 29	24 42	0 54	22 49	1 15	2 57	2 42	22 43	0 35	15 17	1 27	30 18	6 30	19 44	19 25	20 39			n.a.
M21	22 1	8 46	5 5	25 25	1 47	20 8	1 29	24 42	0 54	22 51	1 15	2 58	2 42	22 43	0 35	15 17	1 27	30 18	6 30	19 41	19 24	20 38			n.a.
T 22	21 51	4 29	5 0	25 23	1 50	19 48	1 28	24 42	0 55	22 52	1 15	2 58	2 42	22 42	0 35	15 18	1 27	30 18	6 30	19 39	19 24	20 37			n.a.
W23	21 41	0 s 2	4 41	25 18	1 53	19 28	1 28	24 41	0 55	22 54	1 15	2 59	2 42	22 42	0 35	15 18	1 27	30 18	6 30	19 37	19 23	20 36			n.a.
T 24	21 30	4 37	4 8	25 12	1 56	19 7	1 28	24 40	0 56	22 55	1 15	2 59	2 43	22 41	0 35	15 19	1 27	30 18	6 30	19 36	19 22	20 36			n.a.
F 25	21 19	9 7	3 21	25 5	1 58	18 45	1 27	24 38	0 56	22 57	1 15	3 0	2 43	22 41	0 35	15 19	1 27	30 18	6 30	19 36	19 21	20 35			n.a.
S 26	21 7	13 17	2 23	24 55	2 0	18 23	1 27	24 37	0 57	22 58	1 15	3 0	2 43	22 40	0 36	15 20	1 27	30 18	6 30	19 35	19 21	20 34			n.a.
S 27	20 55	16 52	1 15	24 44	2 1	18 0	1 26	24 35	0 57	23 0	1 16	3 1	2 44	22 39	0 36	15 20	1 27	30 18	6 30	19 35	19 20	20 33			n.a.
M28	20 43	19 35	0 1	24 31	2 2	17 37	1 25	24 32	0 58	23 1	1 16	3 2	2 44	22 39	0 36	15 21	1 27	30 18	6 30	19 36	19 19	20 32			n.a.
T 29	20 30	21 7	1n16	24 16	2 3	17 13	1 24	24 30	0 58	23 2	1 16	3 2	2 44	22 38	0 36	15 21	1 27	30 18	6 30	19 35	19 18	20 31			n.a.
W30	20 17	21 15	2 29	23 59	2 3	16 49	1 24	24 27	0 59	23 4	1 16	3 3	2 44	22 38	0 36	15 22	1 28	30 18	6 30	19 35	19 17	20 30			n.a.
T 31	20 s 4	19 s53	3n32	23 s40	2 s 3	16 s25	1 s23	24 s24	0 s59	23n 5	1n16	3n 4	2n45	22 s37	0 s36	15n22	1n28	30n18	6n30	19 s33	19 s17	20n29			n.a.

Julian Day Number = 1348137.5, Delta T = 07h09m44s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'04, Lahiri = -18°04'04 Julian Calendar 1 Jan. 1022 BCE == Greg. Calendar 22 Dec. 1023 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

FEBRUARY 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 3 35	2♒49'26	25♉25	25♉48	21♒ 3	11♉ 1	22°R44	28°R36	21♉45	23°R11	29°R58	25°R51	24♏48	4♋13	n.a.	F 1
S 2	8 7 32	3°49'17	10♒32	27°38	22°17	11°48	22♋37	28♍34	21°48	23♌10	29♊57	25♏41	24°44	4°20	n.a.	S 2
S 3	8 11 28	4°49'05	25°26	29°30	23°31	12°35	22°29	28°33	21°52	23° 8	29°56	25°31	24°41	4°27	n.a.	S 3
M 4	8 15 25	5°48'52	9♓58	1♒22	24°46	13°22	22°22	28°31	21°55	23° 7	29°55	25°20	24°38	4°33	n.a.	M 4
T 5	8 19 21	6°48'36	24° 2	3°16	26° 0	14° 9	22°14	28°29	21°58	23° 5	29°54	25°12	24°35	4°40	n.a.	T 5
W 6	8 23 18	7°48'18	7♈38	5°11	27°14	14°56	22° 7	28°27	22° 2	23° 3	29°53	25° 6	24°32	4°47	n.a.	W 6
T 7	8 27 14	8°47'57	20°44	7° 7	28°28	15°43	22° 0	28°25	22° 5	23° 2	29°52	25° 3	24°29	4°53	n.a.	T 7
F 8	8 31 11	9°47'34	3♉25	9° 3	29°42	16°30	21°52	28°23	22° 8	23° 0	29°51	25° 1	24°25	5° 0	n.a.	F 8
S 9	8 35 7	10°47'09	15°44	11° 1	0♓56	17°17	21°45	28°21	22°12	22°59	29°50	25°D 1	24°22	5° 7	n.a.	S 9
S 10	8 39 4	11°46'41	27°48	13° 0	2°10	18° 4	21°38	28°18	22°15	22°57	29°49	25°R 1	24°19	5°13	n.a.	S 10
M11	8 43 0	12°46'11	9♊42	14°59	3°24	18°51	21°31	28°16	22°18	22°55	29°48	25° 0	24°16	5°20	n.a.	M11
T 12	8 46 57	13°45'38	21°30	16°59	4°38	19°38	21°25	28°13	22°21	22°54	29°47	24°58	24°13	5°27	n.a.	T 12
W13	8 50 54	14°45'03	3♋18	19° 0	5°52	20°25	21°18	28°11	22°25	22°52	29°46	24°52	24° 9	5°33	n.a.	W13
T 14	8 54 50	15°44'26	15° 9	21° 1	7° 6	21°11	21°11	28° 8	22°28	22°51	29°45	24°44	24° 6	5°40	n.a.	T 14
F 15	8 58 47	16°43'46	27° 5	23° 2	8°20	21°58	21° 5	28° 5	22°31	22°49	29°44	24°33	24° 3	5°47	n.a.	F 15
S 16	9 2 43	17°43'04	9♌10	25° 3	9°33	22°45	20°58	28° 3	22°34	22°47	29°43	24°20	24° 0	5°53	n.a.	S 16
S 17	9 6 40	18°42'19	21°25	27° 4	10°47	23°32	20°52	28° 0	22°38	22°46	29°42	24° 6	23°57	6° 0	n.a.	S 17
M18	9 10 36	19°41'33	3♍49	29° 4	12° 1	24°19	20°46	27°57	22°41	22°44	29°41	23°52	23°54	6° 7	n.a.	M18
T 19	9 14 33	20°40'44	16°23	1♓ 3	13°14	25° 6	20°40	27°54	22°44	22°42	29°41	23°40	23°50	6°13	n.a.	T 19
W20	9 18 29	21°39'54	29° 8	3° 1	14°28	25°52	20°34	27°51	22°47	22°41	29°40	23°30	23°47	6°20	n.a.	W20
T 21	9 22 26	22°39'01	12♎ 5	4°57	15°42	26°39	20°28	27°47	22°50	22°39	29°39	23°23	23°44	6°27	n.a.	T 21
F 22	9 26 23	23°38'06	25°13	6°51	16°55	27°26	20°23	27°44	22°53	22°37	29°38	23°18	23°41	6°34	n.a.	F 22
S 23	9 30 19	24°37'10	8♏35	8°43	18° 9	28°13	20°17	27°41	22°56	22°36	29°38	23°16	23°38	6°40	n.a.	S 23
S 24	9 34 16	25°36'11	22°12	10°32	19°22	28°59	20°12	27°38	22°59	22°34	29°37	23°16	23°35	6°47	n.a.	S 24
M25	9 38 12	26°35'11	6♐ 6	12°17	20°36	29°46	20° 7	27°34	23° 2	22°32	29°36	23°16	23°31	6°54	n.a.	M25
T 26	9 42 9	27°34'09	20°17	13°59	21°49	0♒33	20° 2	27°31	23° 5	22°31	29°36	23°15	23°28	7° 0	n.a.	T 26
W27	9 46 5	28°33'06	4♉43	15°37	23° 2	1°19	19°57	27°27	23° 8	22°29	29°35	23°11	23°25	7° 7	n.a.	W27
T 28	9 50 2	29♒32'00	19♉23	17♓11	24♓16	2♒ 6	19♋52	27♍23	23♉11	22♌28	29♊34	23♏ 5	23♏22	7♋14	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s50	17s 6	4n21	23s19	2s 2	16s 0	1s22	24s20	1s 0	23n 7	1n16	3n 5	2n45	22s37	0s36	15n23	1n28	30n18	6n29	19s31	19s16	20n29		n.a.
S 2	19 36	13 11	4 52	22 55	2 0	15 34	1 21	24 17	1 0	23 8	1 16	3 6	2 45	22 36	0 36	15 23	1 28	30 18	6 29	19 29	19 15	20 28		n.a.
S 3	19 22	8 30	5 3	22 30	1 59	15 8	1 20	24 13	1 0	23 9	1 16	3 6	2 45	22 36	0 36	15 24	1 28	30 18	6 29	19 26	19 14	20 27		n.a.
M 4	19 7	3 26	4 53	22 3	1 56	14 42	1 18	24 9	1 1	23 11	1 16	3 7	2 46	22 35	0 36	15 24	1 28	30 18	6 29	19 24	19 14	20 26		n.a.
T 5	18 52	1n39	4 26	21 34	1 53	14 16	1 17	24 4	1 1	23 12	1 16	3 8	2 46	22 35	0 36	15 25	1 28	30 18	6 29	19 22	19 13	20 25		n.a.
W 6	18 36	6 29	3 44	21 3	1 50	13 49	1 16	23 59	1 2	23 13	1 16	3 9	2 46	22 34	0 36	15 25	1 28	30 18	6 29	19 20	19 12	20 24		n.a.
T 7	18 21	10 51	2 52	20 29	1 46	13 21	1 15	23 54	1 2	23 14	1 16	3 10	2 46	22 34	0 36	15 26	1 28	30 18	6 29	19 20	19 11	20 23		n.a.
F 8	18 4	14 36	1 52	19 54	1 41	12 54	1 13	23 49	1 3	23 16	1 16	3 12	2 46	22 33	0 36	15 26	1 28	30 18	6 29	19 19	19 10	20 22		n.a.
S 9	17 48	17 35	0 49	19 16	1 36	12 26	1 12	23 43	1 3	23 17	1 16	3 13	2 47	22 32	0 36	15 27	1 28	30 18	6 29	19 19	19 10	20 21		n.a.
S 10	17 31	19 44	0s15	18 37	1 30	11 57	1 10	23 37	1 3	23 18	1 16	3 14	2 47	22 32	0 36	15 28	1 28	30 18	6 29	19 19	19 9	20 20		n.a.
M11	17 15	20 59	1 17	17 56	1 24	11 29	1 9	23 31	1 4	23 19	1 16	3 15	2 47	22 31	0 36	15 28	1 28	30 18	6 29	19 19	19 8	20 19		n.a.
T 12	16 57	21 17	2 15	17 12	1 17	11 0	1 7	23 25	1 4	23 20	1 16	3 16	2 47	22 31	0 36	15 29	1 28	30 18	6 29	19 18	19 7	20 18		n.a.
W13	16 40	20 39	3 8	16 27	1 9	10 31	1 5	23 18	1 4	23 21	1 16	3 17	2 48	22 30	0 36	15 29	1 28	30 18	6 29	19 17	19 6	20 18		n.a.
T 14	16 22	19 6	3 52	15 41	1 1	10 1	1 3	23 11	1 5	23 22	1 16	3 19	2 48	22 30	0 36	15 30	1 28	30 18	6 29	19 15	19 6	20 17		n.a.
F 15	16 4	16 42	4 27	14 52	0 52	9 32	1 2	23 4	1 5	23 23	1 16	3 20	2 48	22 29	0 36	15 30	1 28	30 18	6 29	19 12	19 5	20 16		n.a.
S 16	15 46	13 35	4 50	14 3	0 43	9 2	1 0	22 56	1 5	23 24	1 16	3 21	2 48	22 29	0 36	15 31	1 28	30 18	6 29	19 9	19 4	20 15		n.a.
S 17	15 27	9 52	5 0	13 12	0 33	8 32	0 58	22 49	1 6	23 25	1 16	3 23	2 48	22 28	0 36	15 32	1 28	30 18	6 29	19 6	19 3	20 14		n.a.
M18	15 9	5 41	4 55	12 20	0 23	8 1	0 56	22 41	1 6	23 26	1 16	3 24	2 49	22 28	0 36	15 32	1 28	30 18	6 29	19 2	19 2	20 13		n.a.
T 19	14 50	1 12	4 37	11 27	0 12	7 31	0 54	22 32	1 6	23 27	1 16	3 25	2 49	22 27	0 36	15 33	1 28	30 18	6 29	18 59	19 2	20 12		n.a.
W20	14 30	3s23	4 5	10 34	0 1	7 0	0 52	22 24	1 7	23 28	1 16	3 27	2 49	22 27	0 36	15 33	1 28	30 18	6 29	18 56	19 1	20 11		n.a.
T 21	14 11	7 54	3 19	9 40	0n11	6 29	0 50	22 15	1 7	23 29	1 16	3 28	2 49	22 26	0 36	15 34	1 28	30 17	6 29	18 55	19 0	20 10		n.a.
F 22	13 51	12 7	2 22	8 47	0 23	5 58	0 47	22 6	1 7	23 30	1 16	3 30	2 49	22 26	0 36	15 34	1 28	30 17	6 28	18 53	18 59	20 9		n.a.
S 23	13 31	15 48	1 17	7 53	0 35	5 27	0 45	21 57	1 8	23 30	1 16	3 31	2 50	22 25	0 36	15 35	1 28	30 17	6 28	18 53	18 58	20 8		n.a.
S 24	13 11	18 42	0 6	7 0	0 48	4 56	0 43	21 48	1 8	23 31	1 16	3 33	2 50	22 25	0 36	15 35	1 28	30 17	6 28	18 53	18 58	20 7		n.a.
M25	12 51	20 34	1n 7	6 8	1 0	4 24	0 40	21 38	1 8	23 32	1 16	3 34	2 50	22 24	0 36	15 36	1 28	30 17	6 28	18 53	18 57	20 6		n.a.
T 26	12 30	21 10	2 18	5 17	1 12	3 53	0 38	21 28	1 9	23 33	1 16	3 36	2 50	22 24	0 36	15 37	1 28	30 17	6 28	18 53	18 56	20 5		n.a.
W27	12 10	20 24	3 20	4 28	1 24	3 21	0 36	21 18	1 9	23 33	1 16	3 38	2 50	22 23	0 36	15 37	1 28	30 17	6 28	18 52	18 55	20 4		n.a.
T 28	11s49	18s15	4n11	3s40	1n36	2s49	0s33	21s 8	1s 9	23n34	1n16	3n39	2n50	22s23	0s36	15n38	1n28	30n17	6n28	18s50	18s54	20n 3		n.a.

Julian Day Number = 1348168.5, Delta T = 07h09m42s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°11'00, Lahiri = -18°04'00 Julian Calendar 1 Feb. 1022 BCE == Greg. Calendar 22 Jan. 1022 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

MARCH 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 53 58	0♓30'52	4♒11	18♓39	25♓29	2♒52	19°R47	27°R20	23♑14	22°R26	29°R34	22°R57	23♏19	7♋20	n.a.	F 1
S 2	9 57 55	1°29'42	18°58	20° 3	26°42	3°39	19♋43	27♍16	23°17	22♎24	29♊33	22♏46	23°15	7°27	n.a.	S 2
S 3	10 1 51	2°28'31	3♓38	21°22	27°55	4°26	19°39	27°12	23°20	22°23	29°33	22°34	23°12	7°34	n.a.	S 3
M 4	10 5 48	3°27'17	18° 1	22°36	29° 8	5°12	19°35	27° 8	23°23	22°21	29°32	22°23	23° 9	7°40	n.a.	M 4
T 5	10 9 45	4°26'00	2♈ 1	23°44	0♈22	5°58	19°31	27° 4	23°26	22°19	29°32	22°14	23° 6	7°47	n.a.	T 5
W 6	10 13 41	5°24'42	15°36	24°46	1°35	6°45	19°27	27° 0	23°28	22°18	29°31	22° 7	23° 3	7°54	n.a.	W 6
T 7	10 17 38	6°23'21	28°45	25°42	2°48	7°31	19°24	26°56	23°31	22°16	29°31	22° 2	23° 0	8° 0	n.a.	T 7
F 8	10 21 34	7°21'58	11♉29	26°32	4° 1	8°18	19°20	26°52	23°34	22°15	29°30	22° 0	22°56	8° 7	n.a.	F 8
S 9	10 25 31	8°20'33	23°51	27°16	5°13	9° 4	19°17	26°48	23°36	22°13	29°30	22°D 0	22°53	8°14	n.a.	S 9
S 10	10 29 27	9°19'05	5♊58	27°54	6°26	9°50	19°14	26°44	23°39	22°11	29°30	22°R 0	22°50	8°20	n.a.	S 10
M11	10 33 24	10°17'36	17°54	28°26	7°39	10°37	19°11	26°40	23°42	22°10	29°29	22° 0	22°47	8°27	n.a.	M11
T 12	10 37 20	11°16'03	29°44	28°52	8°52	11°23	19° 9	26°35	23°44	22° 8	29°29	21°58	22°44	8°34	n.a.	T 12
W13	10 41 17	12°14'29	11♋34	29°11	10° 5	12° 9	19° 6	26°31	23°47	22° 7	29°29	21°54	22°40	8°41	n.a.	W13
T 14	10 45 13	13°12'52	23°27	29°24	11°17	12°55	19° 4	26°27	23°49	22° 5	29°29	21°48	22°37	8°47	n.a.	T 14
F 15	10 49 10	14°11'13	5♌29	29°31	12°30	13°41	19° 2	26°23	23°52	22° 4	29°28	21°39	22°34	8°54	n.a.	F 15
S 16	10 53 7	15° 9'32	17°42	29°R32	13°42	14°27	19° 0	26°18	23°54	22° 2	29°28	21°29	22°31	9° 1	n.a.	S 16
S 17	10 57 3	16° 7'49	0♍ 8	29°28	14°55	15°14	18°58	26°14	23°57	22° 1	29°28	21°17	22°28	9° 7	n.a.	S 17
M18	11 1 0	17° 6'04	12°47	29°18	16° 7	16° 0	18°57	26°10	23°59	21°59	29°28	21° 6	22°25	9°14	n.a.	M18
T 19	11 4 56	18° 4'17	25°39	29° 2	17°20	16°46	18°55	26° 5	24° 2	21°58	29°28	20°55	22°21	9°21	n.a.	T 19
W20	11 8 53	19° 2'28	8♎45	28°42	18°32	17°32	18°54	26° 1	24° 4	21°56	29°28	20°47	22°18	9°27	n.a.	W20
T 21	11 12 49	20° 0'37	22° 2	28°18	19°44	18°17	18°53	25°56	24° 6	21°55	29°28	20°41	22°15	9°34	n.a.	T 21
F 22	11 16 46	20°58'45	5♏30	27°49	20°56	19° 3	18°52	25°52	24° 8	21°54	29°D28	20°38	22°12	9°41	n.a.	F 22
S 23	11 20 42	21°56'51	19° 8	27°18	22° 8	19°49	18°51	25°47	24°11	21°52	29°28	20°D37	22° 9	9°47	n.a.	S 23
S 24	11 24 39	22°54'55	2♐55	26°43	23°20	20°35	18°51	25°43	24°13	21°51	29°28	20°37	22° 6	9°54	n.a.	S 24
M25	11 28 35	23°52'58	16°53	26° 7	24°33	21°21	18°51	25°38	24°15	21°50	29°28	20°38	22° 2	10° 1	n.a.	M25
T 26	11 32 32	24°51'00	0♑59	25°29	25°44	22° 6	18°D51	25°34	24°17	21°48	29°28	20°R38	21°59	10° 7	n.a.	T 26
W27	11 36 29	25°49'00	15°13	24°50	26°56	22°52	18°51	25°29	24°19	21°47	29°28	20°36	21°56	10°14	n.a.	W27
T 28	11 40 25	26°46'58	29°34	24°11	28° 8	23°38	18°51	25°25	24°21	21°46	29°28	20°33	21°53	10°21	n.a.	T 28
F 29	11 44 22	27°44'55	13♒56	23°33	29°20	24°23	18°52	25°21	24°23	21°44	29°28	20°27	21°50	10°28	n.a.	F 29
S 30	11 48 18	28°42'51	28°17	22°57	0♉32	25° 9	18°52	25°16	24°25	21°43	29°28	20°19	21°46	10°34	n.a.	S 30
S 31	11 52 15	29♓40'45	12♓31	22♓22	1♉43	25♒54	18♋53	25♍12	24♑27	21♌42	29♊29	20♏11	21♏43	10♋41	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s28	14s54	4n45	2s54	1n48	2s17	0s31	20s57	1s 9	23n35	1n16	3n41	2n51	22s22	0s36	15n38	1n28	30n17	6n28	18s48	18s54	20n 2		n.a.
S 2	11 7	10 37	5 0	2 10	2 0	1 46	0 28	20 46	1 10	23 35	1 16	3 42	2 51	22 22	0 36	15 39	1 28	30 17	6 28	18 45	18 53	20 1		n.a.
S 3	10 45	5 45	4 55	1 29	2 10	1 14	0 26	20 35	1 10	23 36	1 15	3 44	2 51	22 21	0 36	15 39	1 28	30 17	6 28	18 42	18 52	20 0		n.a.
M 4	10 24	0 39	4 32	0 50	2 21	0 42	0 23	20 24	1 10	23 36	1 15	3 46	2 51	22 21	0 36	15 40	1 28	30 17	6 28	18 39	18 51	19 59		n.a.
T 5	10 2	4n21	3 52	0 14	2 31	0 10	0 20	20 13	1 10	23 37	1 15	3 48	2 51	22 20	0 36	15 40	1 28	30 16	6 28	18 37	18 50	19 58		n.a.
W 6	9 40	9 0	3 0	0n19	2 40	0n22	0 18	20 1	1 11	23 37	1 15	3 49	2 51	22 20	0 36	15 41	1 28	30 16	6 28	18 35	18 49	19 57		n.a.
T 7	9 18	13 4	2 0	0 50	2 48	0 54	0 15	19 49	1 11	23 38	1 15	3 51	2 51	22 19	0 36	15 41	1 28	30 16	6 27	18 34	18 49	19 56		n.a.
F 8	8 56	16 23	0 56	1 17	2 55	1 26	0 12	19 37	1 11	23 38	1 15	3 53	2 51	22 19	0 36	15 42	1 28	30 16	6 27	18 33	18 48	19 55		n.a.
S 9	8 34	18 52	0s10	1 40	3 2	1 58	0 9	19 25	1 11	23 38	1 15	3 54	2 52	22 19	0 36	15 42	1 28	30 16	6 27	18 33	18 47	19 54		n.a.
S 10	8 12	20 26	1 14	2 1	3 7	2 30	0 7	19 12	1 11	23 39	1 15	3 56	2 52	22 18	0 36	15 43	1 28	30 16	6 27	18 33	18 46	19 53		n.a.
M11	7 50	21 3	2 13	2 17	3 12	3 1	0 4	19 0	1 12	23 39	1 15	3 58	2 52	22 18	0 36	15 43	1 28	30 16	6 27	18 33	18 45	19 52		n.a.
T 12	7 27	20 43	3 6	2 31	3 15	3 33	0 1	18 47	1 12	23 39	1 15	4 0	2 52	22 17	0 36	15 44	1 28	30 16	6 27	18 33	18 45	19 51		n.a.
W13	7 4	19 28	3 52	2 41	3 17	4 5	0n 2	18 34	1 12	23 40	1 15	4 2	2 52	22 17	0 36	15 44	1 28	30 16	6 27	18 32	18 44	19 50		n.a.
T 14	6 42	17 22	4 27	2 47	3 18	4 36	0 5	18 21	1 12	23 40	1 14	4 3	2 52	22 16	0 36	15 45	1 28	30 16	6 27	18 30	18 43	19 49		n.a.
F 15	6 19	14 30	4 51	2 49	3 18	5 8	0 8	18 8	1 12	23 40	1 14	4 5	2 52	22 16	0 36	15 45	1 28	30 16	6 27	18 28	18 42	19 48		n.a.
S 16	5 56	10 59	5 2	2 48	3 16	5 39	0 11	17 54	1 12	23 40	1 14	4 7	2 52	22 16	0 36	15 46	1 28	30 15	6 27	18 25	18 41	19 47		n.a.
S 17	5 33	6 57	4 59	2 43	3 13	6 10	0 13	17 41	1 13	23 40	1 14	4 9	2 52	22 15	0 36	15 46	1 28	30 15	6 26	18 22	18 40	19 45		n.a.
M18	5 10	2 32	4 42	2 35	3 8	6 41	0 16	17 27	1 13	23 40	1 14	4 11	2 52	22 15	0 36	15 47	1 28	30 15	6 26	18 19	18 40	19 44		n.a.
T 19	4 47	2s 3	4 10	2 23	3 2	7 12	0 19	17 13	1 13	23 41	1 14	4 13	2 52	22 14	0 36	15 47	1 28	30 15	6 26	18 16	18 39	19 43		n.a.
W20	4 24	6 38	3 24	2 9	2 55	7 43	0 22	16 59	1 13	23 41	1 14	4 14	2 52	22 14	0 37	15 48	1 28	30 15	6 26	18 14	18 38	19 42		n.a.
T 21	4 1	10 58	2 26	1 51	2 46	8 14	0 25	16 45	1 13	23 41	1 14	4 16	2 52	22 14	0 37	15 48	1 28	30 15	6 26	18 12	18 37	19 41		n.a.
F 22	3 38	14 49	1 20	1 30	2 36	8 44	0 28	16 30	1 13	23 41	1 14	4 18	2 53	22 13	0 37	15 49	1 28	30 15	6 26	18 11	18 36	19 40		n.a.
S 23	3 15	17 54	0 8	1 7	2 25	9 14	0 31	16 16	1 13	23 41	1 13	4 20	2 53	22 13	0 37	15 49	1 28	30 15	6 26	18 11	18 36	19 39		n.a.
S 24	2 51	20 0	1n 5	0 42	2 12	9 44	0 34	16 1	1 13	23 41	1 13	4 22	2 53	22 13	0 37	15 50	1 28	30 15	6 26	18 11	18 35	19 38		n.a.
M25	2 28	20 54	2 16	0 15	1 59	10 14	0 37	15 46	1 14	23 40	1 13	4 23	2 53	22 12	0 37	15 50	1 28	30 15	6 26	18 11	18 34	19 37		n.a.
T 26	2 5	20 30	3 19	0s14	1 44	10 43	0 40	15 31	1 14	23 40	1 13	4 25	2 53	22 12	0 37	15 50	1 28	30 14	6 26	18 11	18 33	19 36		n.a.
W27	1 41	18 47	4 10	0 43	1 29	11 13	0 43	15 16	1 14	23 40	1 13	4 27	2 53	22 12	0 37	15 51	1 28	30 14	6 25	18 11	18 32	19 35		n.a.
T 28	1 18	15 54	4 46	1 13	1 13	11 42	0 46	15 1	1 14	23 40	1 13	4 29	2 53	22 11	0 37	15 51	1 28	30 14	6 25	18 10	18 31	19 34		n.a.
F 29	0 55	12 3	5 4	1 44	0 57	12 10	0 49	14 45	1 14	23 40	1 13	4 31	2 53	22 11	0 37	15 52	1 28	30 14	6 25	18 8	18 31	19 33		n.a.
S 30	0 31	7 31	5 3	2 14	0 40	12 39	0 52	14 30	1 14	23 40	1 13	4 33	2 53	22 11	0 37	15 52	1 28	30 14	6 25	18 6	18 30	19 31		n.a.
S 31	0s 8	2s37	4n44	2s43	0n23	13n 7	0n55	14s14	1s14	23n39	1n12	4n34	2n53	22s10	0s37	15n52	1n28	30n14	6n25	18s 4	18s29	19n30		n.a.

Julian Day Number = 1348196.5, Delta T = 07h09m41s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'56, Lahiri = -18°03'56 Julian Calendar 1 March 1022 BCE == Greg. Calendar 19 Feb. 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

APRIL 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 56 11	0♈38'37	26♓31	21°R50	2♉55	26♒40	18♋54	25°R 7	24♑29	21°R41	29♊29	20°R 3	21♏40	10♋48	n.a.	M 1
T 2	12 0 8	1°36'28	10♈15	21♓21	4° 7	27°25	18°55	25♍ 3	24°30	21♌39	29°29	19♏57	21°37	10°54	n.a.	T 2
W 3	12 4 4	2°34'17	23°38	20°55	5°18	28°11	18°57	24°58	24°32	21°38	29°29	19°52	21°34	11° 1	n.a.	W 3
T 4	12 8 1	3°32'05	6♉40	20°32	6°30	28°56	18°58	24°54	24°34	21°37	29°30	19°49	21°31	11° 8	n.a.	T 4
F 5	12 11 58	4°29'50	19°21	20°14	7°41	29°41	19° 0	24°49	24°36	21°36	29°30	19°D48	21°27	11°14	n.a.	F 5
S 6	12 15 54	5°27'35	1♊43	20° 0	8°52	0♓27	19° 2	24°45	24°37	21°35	29°31	19°49	21°24	11°21	n.a.	S 6
S 7	12 19 51	6°25'17	13°51	19°51	10° 3	1°12	19° 4	24°41	24°39	21°34	29°31	19°50	21°21	11°28	n.a.	S 7
M 8	12 23 47	7°22'58	25°49	19°46	11°15	1°57	19° 6	24°36	24°40	21°33	29°31	19°51	21°18	11°34	n.a.	M 8
T 9	12 27 44	8°20'37	7♋41	19°D46	12°26	2°42	19° 9	24°32	24°42	21°32	29°32	19°R52	21°15	11°41	n.a.	T 9
W10	12 31 40	9°18'14	19°32	19°50	13°37	3°27	19°11	24°28	24°43	21°31	29°32	19°51	21°11	11°48	n.a.	W10
T 11	12 35 37	10°15'49	1♌28	19°59	14°48	4°12	19°14	24°24	24°45	21°30	29°33	19°49	21° 8	11°55	n.a.	T 11
F 12	12 39 33	11°13'23	13°33	20°12	15°58	4°57	19°17	24°19	24°46	21°29	29°33	19°45	21° 5	12° 1	n.a.	F 12
S 13	12 43 30	12°10'56	25°51	20°30	17° 9	5°42	19°20	24°15	24°47	21°28	29°34	19°40	21° 2	12° 8	n.a.	S 13
S 14	12 47 27	13° 8'26	8♍25	20°52	18°20	6°26	19°23	24°11	24°49	21°27	29°35	19°34	20°59	12°15	n.a.	S 14
M15	12 51 23	14° 5'56	21°15	21°19	19°31	7°11	19°27	24° 7	24°50	21°26	29°35	19°28	20°56	12°21	n.a.	M15
T 16	12 55 20	15° 3'24	4♎24	21°50	20°41	7°56	19°30	24° 3	24°51	21°25	29°36	19°23	20°52	12°28	n.a.	T 16
W17	12 59 16	16° 0'50	17°50	22°24	21°52	8°41	19°34	23°59	24°52	21°25	29°36	19°19	20°49	12°35	n.a.	W17
T 18	13 3 13	16°58'16	1♏30	23° 3	23° 2	9°25	19°38	23°55	24°53	21°24	29°37	19°16	20°46	12°41	n.a.	T 18
F 19	13 7 9	17°55'40	15°23	23°46	24°12	10°10	19°42	23°51	24°54	21°23	29°38	19°D15	20°43	12°48	n.a.	F 19
S 20	13 11 6	18°53'04	29°26	24°32	25°22	10°54	19°47	23°47	24°55	21°22	29°39	19°15	20°40	12°55	n.a.	S 20
S 21	13 15 2	19°50'26	13♐35	25°22	26°33	11°39	19°51	23°43	24°56	21°22	29°39	19°16	20°37	13° 1	n.a.	S 21
M22	13 18 59	20°47'48	27°47	26°16	27°43	12°23	19°56	23°40	24°57	21°21	29°40	19°18	20°33	13° 8	n.a.	M22
T 23	13 22 56	21°45'09	12♑ 1	27°13	28°53	13° 7	20° 0	23°36	24°58	21°20	29°41	19°19	20°30	13°15	n.a.	T 23
W24	13 26 52	22°42'29	26°14	28°13	0♊ 2	13°52	20° 5	23°32	24°59	21°20	29°42	19°R19	20°27	13°22	n.a.	W24
T 25	13 30 49	23°39'49	10♒24	29°16	1°12	14°36	20°10	23°29	25° 0	21°19	29°43	19°18	20°24	13°28	n.a.	T 25
F 26	13 34 45	24°37'07	24°28	0♈23	2°22	15°20	20°16	23°25	25° 0	21°19	29°43	19°16	20°21	13°35	n.a.	F 26
S 27	13 38 42	25°34'25	8♓24	1°33	3°31	16° 4	20°21	23°22	25° 1	21°18	29°44	19°13	20°17	13°42	n.a.	S 27
S 28	13 42 38	26°31'43	22°10	2°45	4°41	16°48	20°27	23°18	25° 2	21°18	29°45	19°10	20°14	13°48	n.a.	S 28
M29	13 46 35	27°29'00	5♈44	4° 1	5°50	17°32	20°32	23°15	25° 2	21°17	29°46	19° 7	20°11	13°55	n.a.	M29
T 30	13 50 31	28♈26'15	19♈ 3	5♈20	7♊ 0	18♓16	20♋38	23♍12	25♑ 3	21♌17	29♊47	19♏ 4	20♏ 8	14♋ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n16	2n22	4n 7	3s11	0n 7	13n35	0n58	13s59	1s14	23n39	1n12	4n36	2n53	22s10	0s37	15n53	1n28	30n14	6n25	18s 2	18s28	19n29		n.a.
T 2	0 39	7 7	3 17	3 38	0s10	14 2	1 1	13 43	1 14	23 39	1 12	4 38	2 53	22 10	0 37	15 53	1 28	30 14	6 25	18 0	18 27	19 28		n.a.
W 3	1 2	11 25	2 16	4 3	0 26	14 29	1 4	13 27	1 14	23 38	1 12	4 40	2 53	22 9	0 37	15 54	1 28	30 14	6 25	17 59	18 26	19 27		n.a.
T 4	1 26	15 3	1 10	4 27	0 42	14 56	1 6	13 11	1 14	23 38	1 12	4 41	2 52	22 9	0 37	15 54	1 28	30 13	6 25	17 58	18 25	19 26		n.a.
F 5	1 49	17 53	0 2	4 48	0 57	15 23	1 9	12 55	1 14	23 38	1 12	4 43	2 52	22 9	0 37	15 54	1 28	30 13	6 25	17 58	18 25	19 25		n.a.
S 6	2 12	19 47	1s 4	5 7	1 12	15 49	1 12	12 38	1 14	23 37	1 12	4 45	2 52	22 9	0 37	15 55	1 28	30 13	6 24	17 58	18 24	19 24		n.a.
S 7	2 35	20 44	2 7	5 24	1 26	16 14	1 15	12 22	1 14	23 37	1 11	4 47	2 52	22 8	0 37	15 55	1 28	30 13	6 24	17 58	18 23	19 22		n.a.
M 8	2 58	20 42	3 3	5 38	1 39	16 40	1 17	12 6	1 14	23 36	1 11	4 48	2 52	22 8	0 37	15 55	1 28	30 13	6 24	17 59	18 22	19 21		n.a.
T 9	3 22	19 45	3 50	5 49	1 52	17 5	1 20	11 49	1 14	23 36	1 11	4 50	2 52	22 8	0 37	15 56	1 28	30 13	6 24	17 59	18 21	19 20		n.a.
W10	3 45	17 56	4 28	5 58	2 3	17 29	1 23	11 33	1 14	23 35	1 11	4 52	2 52	22 8	0 37	15 56	1 27	30 13	6 24	17 59	18 20	19 19		n.a.
T 11	4 8	15 21	4 55	6 4	2 14	17 53	1 25	11 16	1 14	23 35	1 11	4 53	2 52	22 7	0 37	15 56	1 27	30 13	6 24	17 58	18 20	19 18		n.a.
F 12	4 30	12 5	5 9	6 8	2 24	18 17	1 28	10 59	1 14	23 34	1 11	4 55	2 52	22 7	0 37	15 56	1 27	30 13	6 24	17 57	18 19	19 17		n.a.
S 13	4 53	8 16	5 9	6 9	2 32	18 40	1 31	10 42	1 14	23 34	1 11	4 56	2 52	22 7	0 37	15 57	1 27	30 13	6 24	17 56	18 18	19 16		n.a.
S 14	5 16	4 0	4 54	6 7	2 40	19 3	1 33	10 26	1 14	23 33	1 11	4 58	2 52	22 7	0 37	15 57	1 27	30 13	6 24	17 54	18 17	19 14		n.a.
M15	5 39	0s31	4 24	6 3	2 47	19 25	1 36	10 9	1 14	23 33	1 10	5 0	2 52	22 7	0 37	15 57	1 27	30 12	6 24	17 52	18 16	19 13		n.a.
T 16	6 1	5 8	3 40	5 56	2 53	19 47	1 38	9 52	1 13	23 32	1 10	5 1	2 52	22 6	0 37	15 58	1 27	30 12	6 23	17 51	18 15	19 12		n.a.
W17	6 24	9 36	2 43	5 47	2 59	20 8	1 40	9 34	1 13	23 31	1 10	5 3	2 51	22 6	0 37	15 58	1 27	30 12	6 23	17 50	18 14	19 11		n.a.
T 18	6 46	13 40	1 36	5 36	3 3	20 28	1 43	9 17	1 13	23 30	1 10	5 4	2 51	22 6	0 37	15 58	1 27	30 12	6 23	17 49	18 14	19 10		n.a.
F 19	7 8	17 2	0 21	5 22	3 6	20 49	1 45	9 0	1 13	23 30	1 10	5 6	2 51	22 6	0 38	15 58	1 27	30 12	6 23	17 49	18 13	19 9		n.a.
S 20	7 31	19 26	0n56	5 5	3 9	21 8	1 47	8 43	1 13	23 29	1 10	5 7	2 51	22 6	0 38	15 58	1 27	30 12	6 23	17 49	18 12	19 7		n.a.
S 21	7 53	20 39	2 9	4 47	3 11	21 27	1 49	8 26	1 13	23 28	1 10	5 8	2 51	22 6	0 38	15 59	1 27	30 12	6 23	17 49	18 11	19 6		n.a.
M22	8 15	20 32	3 16	4 26	3 12	21 46	1 51	8 8	1 13	23 27	1 10	5 10	2 51	22 5	0 38	15 59	1 27	30 12	6 23	17 49	18 10	19 5		n.a.
T 23	8 36	19 7	4 10	4 4	3 12	22 4	1 53	7 51	1 13	23 26	1 9	5 11	2 51	22 5	0 38	15 59	1 27	30 12	6 23	17 50	18 9	19 4		n.a.
W24	8 58	16 30	4 49	3 39	3 12	22 21	1 55	7 33	1 13	23 26	1 9	5 12	2 51	22 5	0 38	15 59	1 27	30 12	6 23	17 50	18 8	19 3		n.a.
T 25	9 20	12 56	5 10	3 12	3 11	22 38	1 57	7 16	1 12	23 25	1 9	5 14	2 50	22 5	0 38	15 59	1 27	30 12	6 23	17 50	18 8	19 2		n.a.
F 26	9 41	8 40	5 13	2 43	3 9	22 54	1 59	6 59	1 12	23 24	1 9	5 15	2 50	22 5	0 38	15 59	1 27	30 11	6 23	17 49	18 7	19 0		n.a.
S 27	10 2	3 58	4 57	2 13	3 6	23 10	2 1	6 41	1 12	23 23	1 9	5 16	2 50	22 5	0 38	16 0	1 27	30 11	6 22	17 48	18 6	18 59		n.a.
S 28	10 23	0n52	4 24	1 40	3 3	23 25	2 3	6 23	1 12	23 22	1 9	5 17	2 50	22 5	0 38	16 0	1 27	30 11	6 22	17 47	18 5	18 58		n.a.
M29	10 44	5 37	3 36	1 6	2 59	23 39	2 4	6 6	1 12	23 21	1 9	5 19	2 50	22 5	0 38	16 0	1 27	30 11	6 22	17 46	18 4	18 57		n.a.
T 30	11n 5	10n 0	2n38	0s30	2s54	23n53	2n 6	5s48	1s12	23n20	1n 9	5n20	2n50	22s 5	0s38	16n 0	1n27	30n11	6n22	17s46	18s 3	18n56		n.a.

Julian Day Number = 1348227.5, Delta T = 07h09m39s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'52, Lahiri = -18°03'52 Julian Calendar 1 Apr. 1022 BCE == Greg. Calendar 22 March 1022 BCE

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

MAY 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 54 28	29♈23'31	2♉ 6	6♈41	8♊ 9	19♓ 0	20♋44	23°R 9	25♑ 3	21°R16	29♊48	19°R 3	20♏ 5	14♋ 8	n.a.	W 1
T 2	13 58 25	0♉20'45	14°53	8° 6	9°18	19°44	20°50	23♍ 5	25° 4	21♌16	29°49	19°D 2	20° 2	14°15	n.a.	T 2
F 3	14 2 21	1°17'59	27°25	9°33	10°27	20°27	20°56	23° 2	25° 4	21°16	29°50	19♏ 2	19°58	14°22	n.a.	F 3
S 4	14 6 18	2°15'12	9♊42	11° 3	11°36	21°11	21° 3	22°59	25° 4	21°15	29°51	19° 3	19°55	14°28	n.a.	S 4
S 5	14 10 14	3°12'24	21°47	12°36	12°45	21°55	21° 9	22°57	25° 5	21°15	29°52	19° 4	19°52	14°35	n.a.	S 5
M 6	14 14 11	4° 9'35	3♋44	14°12	13°54	22°38	21°16	22°54	25° 5	21°15	29°54	19° 5	19°49	14°42	n.a.	M 6
T 7	14 18 7	5° 6'45	15°36	15°50	15° 2	23°22	21°23	22°51	25° 5	21°15	29°55	19° 7	19°46	14°49	n.a.	T 7
W 8	14 22 4	6° 3'55	27°28	17°31	16°11	24° 5	21°30	22°48	25° 5	21°14	29°56	19° 7	19°43	14°55	n.a.	W 8
T 9	14 26 0	7° 1'04	9♌25	19°15	17°19	24°48	21°37	22°46	25° 5	21°14	29°57	19°R 7	19°39	15° 2	n.a.	T 9
F 10	14 29 57	7°58'11	21°30	21° 2	18°27	25°32	21°44	22°43	25°R 5	21°14	29°58	19° 7	19°36	15° 9	n.a.	F 10
S 11	14 33 54	8°55'19	3♍49	22°51	19°35	26°15	21°51	22°41	25° 5	21°14	29°59	19° 6	19°33	15°15	n.a.	S 11
S 12	14 37 50	9°52'25	16°25	24°42	20°43	26°58	21°59	22°38	25° 5	21°14	0♋ 1	19° 5	19°30	15°22	n.a.	S 12
M13	14 41 47	10°49'31	29°21	26°37	21°51	27°41	22° 6	22°36	25° 5	21°D14	0° 2	19° 4	19°27	15°29	n.a.	M13
T 14	14 45 43	11°46'36	12♎39	28°33	22°59	28°24	22°14	22°34	25° 5	21°14	0° 3	19° 3	19°23	15°35	n.a.	T 14
W15	14 49 40	12°43'41	26°19	0♉32	24° 6	29° 7	22°22	22°32	25° 5	21°14	0° 4	19° 3	19°20	15°42	n.a.	W15
T 16	14 53 36	13°40'45	10♏19	2°33	25°14	29°50	22°30	22°30	25° 5	21°14	0° 6	19° 2	19°17	15°49	n.a.	T 16
F 17	14 57 33	14°37'49	24°36	4°36	26°21	0♈33	22°38	22°28	25° 4	21°14	0° 7	19°D 2	19°14	15°56	n.a.	F 17
S 18	15 1 29	15°34'53	9♐ 5	6°41	27°28	1°16	22°46	22°26	25° 4	21°14	0° 8	19° 2	19°11	16° 2	n.a.	S 18
S 19	15 5 26	16°31'57	23°41	8°47	28°35	1°58	22°54	22°24	25° 4	21°15	0°10	19° 3	19° 8	16° 9	n.a.	S 19
M20	15 9 23	17°29'01	8♑17	10°55	29°42	2°41	23° 2	22°23	25° 3	21°15	0°11	19° 3	19° 4	16°16	n.a.	M20
T 21	15 13 19	18°26'05	22°48	13° 4	0♋49	3°24	23°11	22°21	25° 3	21°15	0°13	19° 3	19° 1	16°22	n.a.	T 21
W22	15 17 16	19°23'09	7♒10	15°14	1°55	4° 6	23°20	22°20	25° 2	21°15	0°14	19°R 3	18°58	16°29	n.a.	W22
T 23	15 21 12	20°20'14	21°19	17°24	3° 2	4°48	23°28	22°18	25° 2	21°16	0°15	19°D 3	18°55	16°36	n.a.	T 23
F 24	15 25 9	21°17'18	5♓14	19°34	4° 8	5°31	23°37	22°17	25° 1	21°16	0°17	19° 3	18°52	16°42	n.a.	F 24
S 25	15 29 5	22°14'23	18°54	21°45	5°14	6°13	23°46	22°16	25° 0	21°16	0°18	19° 3	18°48	16°49	n.a.	S 25
S 26	15 33 2	23°11'28	2♈19	23°55	6°20	6°55	23°55	22°15	25° 0	21°17	0°20	19° 3	18°45	16°56	n.a.	S 26
M27	15 36 59	24° 8'34	15°29	26° 5	7°26	7°37	24° 4	22°14	24°59	21°17	0°21	19° 4	18°42	17° 3	n.a.	M27
T 28	15 40 55	25° 5'40	28°24	28°14	8°31	8°19	24°13	22°13	24°58	21°18	0°23	19° 4	18°39	17° 9	n.a.	T 28
W29	15 44 52	26° 2'46	11♉ 6	0♊22	9°37	9° 1	24°23	22°12	24°57	21°18	0°24	19° 5	18°36	17°16	n.a.	W29
T 30	15 48 48	26°59'52	23°35	2°29	10°42	9°43	24°32	22°11	24°56	21°19	0°26	19°R 5	18°33	17°23	n.a.	T 30
F 31	15 52 45	27♉56'59	5♊54	4♊35	11♋47	10♈25	24♋42	22♍11	24♑55	21♌19	0♋27	19♏ 4	18♏29	17♋29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n26	13n50	1n32	0n 7	2s49	24n 6	2n 7	5s31	1s11	23n19	1n 8	5n21	2n49	22s 5	0s38	16n 0	1n27	30n11	6n22	17s45	18s 2	18n54			n.a.
T 2	11 46	16 55	0 23	0 46	2 43	24 19	2 9	5 13	1 11	23 18	1 8	5 22	2 49	22 5	0 38	16 0	1 27	30 11	6 22	17 45	18 2	18 53			n.a.
F 3	12 7	19 9	0s46	1 27	2 37	24 30	2 10	4 55	1 11	23 17	1 8	5 23	2 49	22 5	0 38	16 0	1 27	30 11	6 22	17 45	18 1	18 52			n.a.
S 4	12 27	20 25	1 52	2 9	2 30	24 42	2 11	4 38	1 11	23 16	1 8	5 24	2 49	22 5	0 38	16 0	1 27	30 11	6 22	17 45	18 0	18 51			n.a.
S 5	12 47	20 42	2 51	2 53	2 22	24 52	2 12	4 20	1 10	23 14	1 8	5 25	2 49	22 5	0 38	16 0	1 27	30 11	6 22	17 46	17 59	18 49			n.a.
M 6	13 6	20 3	3 43	3 38	2 14	25 2	2 13	4 2	1 10	23 13	1 8	5 26	2 49	22 5	0 38	16 0	1 27	30 11	6 22	17 46	17 58	18 48			n.a.
T 7	13 26	18 31	4 24	4 24	2 6	25 11	2 14	3 45	1 10	23 12	1 8	5 27	2 48	22 5	0 38	16 0	1 27	30 11	6 22	17 46	17 57	18 47			n.a.
W 8	13 45	16 11	4 54	5 11	1 57	25 20	2 15	3 27	1 10	23 11	1 8	5 28	2 48	22 5	0 38	16 0	1 27	30 11	6 22	17 47	17 56	18 46			n.a.
T 9	14 4	13 10	5 12	6 0	1 47	25 27	2 16	3 9	1 10	23 10	1 7	5 29	2 48	22 5	0 38	16 0	1 27	30 10	6 22	17 47	17 55	18 44			n.a.
F 10	14 23	9 34	5 16	6 50	1 37	25 34	2 17	2 52	1 9	23 8	1 7	5 30	2 48	22 5	0 38	16 0	1 26	30 10	6 21	17 47	17 55	18 43			n.a.
S 11	14 42	5 31	5 6	7 40	1 27	25 41	2 17	2 34	1 9	23 7	1 7	5 30	2 47	22 5	0 38	16 0	1 26	30 10	6 21	17 46	17 54	18 42			n.a.
S 12	15 0	1 8	4 41	8 32	1 17	25 46	2 18	2 16	1 9	23 6	1 7	5 31	2 47	22 5	0 38	16 0	1 26	30 10	6 21	17 46	17 53	18 41			n.a.
M13	15 18	3s25	4 2	9 23	1 6	25 51	2 18	1 59	1 8	23 4	1 7	5 32	2 47	22 5	0 38	16 0	1 26	30 10	6 21	17 46	17 52	18 40			n.a.
T 14	15 36	7 57	3 8	10 16	0 55	25 56	2 18	1 41	1 8	23 3	1 7	5 32	2 47	22 5	0 38	16 0	1 26	30 10	6 21	17 45	17 51	18 38			n.a.
W15	15 54	12 13	2 3	11 9	0 44	25 59	2 19	1 23	1 8	23 2	1 7	5 33	2 47	22 5	0 38	16 0	1 26	30 10	6 21	17 45	17 50	18 37			n.a.
T 16	16 12	15 54	0 48	12 2	0 33	26 2	2 19	1 6	1 8	23 0	1 7	5 34	2 46	22 5	0 39	16 0	1 26	30 10	6 21	17 45	17 49	18 36			n.a.
F 17	16 29	18 43	0n31	12 54	0 22	26 5	2 19	0 48	1 7	22 59	1 7	5 34	2 46	22 5	0 39	16 0	1 26	30 10	6 21	17 45	17 48	18 34			n.a.
S 18	16 46	20 22	1 49	13 47	0 11	26 6	2 19	0 31	1 7	22 57	1 7	5 35	2 46	22 5	0 39	16 0	1 26	30 10	6 21	17 45	17 48	18 33			n.a.
S 19	17 2	20 39	3 1	14 39	0 0	26 7	2 18	0 13	1 7	22 56	1 6	5 35	2 46	22 5	0 39	16 0	1 26	30 10	6 21	17 45	17 47	18 32			n.a.
M20	17 19	19 33	4 1	15 30	0n11	26 7	2 18	0n 4	1 6	22 54	1 6	5 36	2 45	22 5	0 39	16 0	1 26	30 10	6 21	17 45	17 46	18 31			n.a.
T 21	17 35	17 11	4 45	16 20	0 21	26 6	2 18	0 22	1 6	22 53	1 6	5 36	2 45	22 6	0 39	16 0	1 26	30 10	6 21	17 45	17 45	18 29			n.a.
W22	17 51	13 46	5 10	17 9	0 31	26 5	2 17	0 39	1 6	22 51	1 6	5 36	2 45	22 6	0 39	16 0	1 26	30 10	6 21	17 45	17 44	18 28			n.a.
T 23	18 7	9 37	5 17	17 57	0 41	26 3	2 16	0 57	1 5	22 49	1 6	5 37	2 45	22 6	0 39	15 59	1 26	30 10	6 21	17 45	17 43	18 27			n.a.
F 24	18 22	5 1	5 5	18 43	0 51	26 0	2 16	1 14	1 5	22 48	1 6	5 37	2 45	22 6	0 39	15 59	1 26	30 10	6 21	17 45	17 42	18 26			n.a.
S 25	18 37	0 15	4 35	19 27	0 59	25 57	2 15	1 31	1 4	22 46	1 6	5 37	2 44	22 6	0 39	15 59	1 26	30 10	6 21	17 45	17 41	18 24			n.a.
S 26	18 52	4n28	3 51	20 8	1 8	25 53	2 14	1 49	1 4	22 44	1 6	5 38	2 44	22 6	0 39	15 59	1 26	30 10	6 21	17 46	17 40	18 23			n.a.
M27	19 6	8 53	2 56	20 48	1 15	25 48	2 12	2 6	1 4	22 43	1 6	5 38	2 44	22 6	0 39	15 59	1 26	30 10	6 21	17 46	17 40	18 22			n.a.
T 28	19 20	12 49	1 52	21 25	1 22	25 43	2 11	2 23	1 3	22 41	1 6	5 38	2 44	22 7	0 39	15 59	1 26	30 10	6 21	17 46	17 39	18 20			n.a.
W29	19 34	16 5	0 44	22 0	1 29	25 37	2 10	2 40	1 3	22 39	1 6	5 38	2 43	22 7	0 39	15 58	1 26	30 9	6 21	17 46	17 38	18 19			n.a.
T 30	19 48	18 34	0s25	22 32	1 35	25 30	2 8	2 57	1 3	22 37	1 5	5 38	2 43	22 7	0 39	15 58	1 26	30 9	6 21	17 46	17 37	18 18			n.a.
F 31	20n 1	20n 7	1s32	23n 1	1n40	25n23	2n 7	3n14	1s 2	22n36	1n 5	5n38	2n43	22s 7	0s39	15n58	1n26	30n 9	6n21	17s46	17s36	18n16			n.a.

Julian Day Number = 1348257.5, Delta T = 07h09m38s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'48, Lahiri = -18°03'47 Julian Calendar 1 May 1022 BCE == Greg. Calendar 21 Apr. 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

JUNE 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 56 41	28♉54'05	18♊ 2	6♊39	12♋52	11♈ 7	24♋51	22°R10	24°R54	21♌20	0♋29	19°R 4	18♏26	17♋36	n.a.	S 1
S 2	16 0 38	29°51'12	0♋ 2	8°41	13°57	11°49	25° 1	22♍10	24♑53	21°20	0°30	19♏ 2	18°23	17°43	n.a.	S 2
M 3	16 4 34	0♊48'20	11°56	10°42	15° 1	12°30	25°11	22° 9	24°52	21°21	0°32	19° 1	18°20	17°50	n.a.	M 3
T 4	16 8 31	1°45'27	23°47	12°42	16° 5	13°12	25°21	22° 9	24°51	21°22	0°34	18°59	18°17	17°56	n.a.	T 4
W 5	16 12 28	2°42'34	5♌39	14°39	17° 9	13°53	25°31	22° 9	24°50	21°22	0°35	18°57	18°14	18° 3	n.a.	W 5
T 6	16 16 24	3°39'42	17°34	16°35	18°13	14°35	25°41	22°D 9	24°49	21°23	0°37	18°56	18°10	18°10	n.a.	T 6
F 7	16 20 21	4°36'50	29°38	18°29	19°16	15°16	25°51	22° 9	24°47	21°24	0°38	18°D55	18° 7	18°16	n.a.	F 7
S 8	16 24 17	5°33'58	11♍55	20°21	20°20	15°57	26° 2	22° 9	24°46	21°25	0°40	18°55	18° 4	18°23	n.a.	S 8
S 9	16 28 14	6°31'06	24°28	22°11	21°23	16°38	26°12	22° 9	24°45	21°26	0°42	18°56	18° 1	18°30	n.a.	S 9
M10	16 32 10	7°28'14	7♎23	24° 0	22°25	17°20	26°22	22°10	24°43	21°26	0°43	18°57	17°58	18°36	n.a.	M10
T 11	16 36 7	8°25'23	20°41	25°46	23°28	18° 1	26°33	22°10	24°42	21°27	0°45	18°59	17°54	18°43	n.a.	T 11
W12	16 40 3	9°22'32	4♏26	27°31	24°30	18°41	26°43	22°11	24°41	21°28	0°47	19° 0	17°51	18°50	n.a.	W12
T 13	16 44 0	10°19'42	18°36	29°14	25°32	19°22	26°54	22°11	24°39	21°29	0°48	19°R 0	17°48	18°57	n.a.	T 13
F 14	16 47 57	11°16'52	3♐ 8	0♋55	26°34	20° 3	27° 5	22°12	24°38	21°30	0°50	19° 0	17°45	19° 3	n.a.	F 14
S 15	16 51 53	12°14'03	17°58	2°34	27°35	20°44	27°16	22°13	24°36	21°31	0°52	18°58	17°42	19°10	n.a.	S 15
S 16	16 55 50	13°11'15	2♑58	4°11	28°36	21°24	27°27	22°14	24°35	21°32	0°54	18°56	17°39	19°17	n.a.	S 16
M17	16 59 46	14° 8'28	17°58	5°47	29°37	22° 5	27°38	22°15	24°33	21°33	0°55	18°52	17°35	19°23	n.a.	M17
T 18	17 3 43	15° 5'42	2♒51	7°20	0♌37	22°45	27°49	22°16	24°31	21°34	0°57	18°49	17°32	19°30	n.a.	T 18
W19	17 7 39	16° 2'56	17°30	8°52	1°37	23°26	28° 0	22°17	24°30	21°36	0°59	18°46	17°29	19°37	n.a.	W19
T 20	17 11 36	17° 0'12	1♓48	10°22	2°37	24° 6	28°11	22°18	24°28	21°37	1° 1	18°44	17°26	19°44	n.a.	T 20
F 21	17 15 33	17°57'29	15°44	11°50	3°37	24°46	28°22	22°20	24°26	21°38	1° 2	18°D43	17°23	19°50	n.a.	F 21
S 22	17 19 29	18°54'47	29°18	13°16	4°36	25°26	28°34	22°21	24°24	21°39	1° 4	18°44	17°20	19°57	n.a.	S 22
S 23	17 23 26	19°52'06	12♈30	14°41	5°34	26° 6	28°45	22°23	24°22	21°40	1° 6	18°45	17°16	20° 4	n.a.	S 23
M24	17 27 22	20°49'27	25°24	16° 3	6°33	26°46	28°56	22°25	24°21	21°42	1° 8	18°47	17°13	20°10	n.a.	M24
T 25	17 31 19	21°46'49	8♉ 1	17°23	7°30	27°26	29° 8	22°26	24°19	21°43	1° 9	18°48	17°10	20°17	n.a.	T 25
W26	17 35 15	22°44'12	20°26	18°41	8°28	28° 6	29°19	22°28	24°17	21°44	1°11	18°R48	17° 7	20°24	n.a.	W26
T 27	17 39 12	23°41'37	2♊40	19°58	9°25	28°46	29°31	22°30	24°15	21°46	1°13	18°47	17° 4	20°30	n.a.	T 27
F 28	17 43 8	24°39'02	14°46	21°12	10°22	29°25	29°43	22°32	24°13	21°47	1°15	18°45	17° 0	20°37	n.a.	F 28
S 29	17 47 5	25°36'29	26°45	22°23	11°18	0♉ 5	29°55	22°34	24°11	21°48	1°17	18°40	16°57	20°44	n.a.	S 29
S 30	17 51 2	26♊33'57	8♋40	23♋33	12♌13	0♉44	0♌ 6	22♍37	24♑ 9	21♌50	1♋18	18♏34	16♏54	20♋51	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n14	20n43	2s34	23n28	1n44	25n15	2n 5	3n31	1s 2	22n34	1n 5	5n38	2n43	22s 7	0s39	15n58	1n26	30n 9	6n21	17s46	17s35	18n15		n.a.
S 2	20 26	20 21	3 28	23 52	1 48	25 6	2 3	3 48	1 1	22 32	1 5	5 38	2 42	22 8	0 39	15 58	1 26	30 9	6 21	17 45	17 34	18 14		n.a.
M 3	20 38	19 5	4 12	24 14	1 51	24 57	2 1	4 5	1 1	22 30	1 5	5 38	2 42	22 8	0 39	15 57	1 26	30 9	6 21	17 45	17 33	18 13		n.a.
T 4	20 50	16 59	4 46	24 33	1 53	24 47	1 59	4 22	1 0	22 28	1 5	5 38	2 42	22 8	0 39	15 57	1 26	30 9	6 21	17 44	17 32	18 11		n.a.
W 5	21 2	14 11	5 8	24 49	1 55	24 37	1 56	4 39	1 0	22 26	1 5	5 38	2 41	22 8	0 39	15 57	1 25	30 9	6 20	17 44	17 32	18 10		n.a.
T 6	21 13	10 48	5 16	25 3	1 56	24 26	1 54	4 55	1 0	22 24	1 5	5 37	2 41	22 9	0 39	15 56	1 25	30 9	6 20	17 43	17 31	18 9		n.a.
F 7	21 24	6 56	5 10	25 14	1 56	24 14	1 51	5 12	0 59	22 22	1 5	5 37	2 41	22 9	0 39	15 56	1 25	30 9	6 20	17 43	17 30	18 7		n.a.
S 8	21 34	2 44	4 51	25 23	1 56	24 2	1 49	5 28	0 59	22 20	1 5	5 37	2 41	22 9	0 39	15 56	1 25	30 9	6 20	17 43	17 29	18 6		n.a.
S 9	21 44	1s42	4 17	25 29	1 55	23 50	1 46	5 45	0 58	22 18	1 5	5 36	2 40	22 9	0 39	15 56	1 25	30 9	6 20	17 43	17 28	18 5		n.a.
M10	21 54	6 11	3 30	25 34	1 53	23 36	1 43	6 1	0 58	22 16	1 5	5 36	2 40	22 10	0 39	15 55	1 25	30 9	6 20	17 44	17 27	18 3		n.a.
T 11	22 3	10 31	2 30	25 36	1 51	23 22	1 40	6 18	0 57	22 14	1 5	5 36	2 40	22 10	0 39	15 55	1 25	30 9	6 20	17 44	17 26	18 2		n.a.
W12	22 12	14 27	1 20	25 36	1 49	23 8	1 36	6 34	0 57	22 12	1 5	5 35	2 40	22 10	0 39	15 55	1 25	30 9	6 21	17 45	17 25	18 1		n.a.
T 13	22 21	17 40	0 2	25 34	1 45	22 53	1 33	6 50	0 56	22 10	1 4	5 35	2 39	22 11	0 39	15 54	1 25	30 9	6 21	17 45	17 24	17 59		n.a.
F 14	22 29	19 51	1n17	25 30	1 42	22 38	1 29	7 6	0 56	22 7	1 4	5 34	2 39	22 11	0 39	15 54	1 25	30 9	6 21	17 45	17 23	17 58		n.a.
S 15	22 37	20 44	2 33	25 25	1 37	22 22	1 26	7 22	0 55	22 5	1 4	5 34	2 39	22 11	0 39	15 54	1 25	30 9	6 21	17 44	17 23	17 57		n.a.
S 16	22 44	20 8	3 39	25 17	1 33	22 6	1 22	7 38	0 55	22 3	1 4	5 33	2 39	22 11	0 40	15 53	1 25	30 9	6 21	17 43	17 22	17 55		n.a.
M17	22 51	18 8	4 29	25 9	1 27	21 49	1 18	7 54	0 54	22 1	1 4	5 32	2 38	22 12	0 40	15 53	1 25	30 9	6 21	17 42	17 21	17 54		n.a.
T 18	22 58	14 56	5 2	24 58	1 22	21 32	1 14	8 9	0 54	21 58	1 4	5 32	2 38	22 12	0 40	15 52	1 25	30 9	6 21	17 42	17 20	17 52		n.a.
W19	23 4	10 52	5 14	24 46	1 16	21 14	1 9	8 25	0 53	21 56	1 4	5 31	2 38	22 12	0 40	15 52	1 25	30 9	6 21	17 41	17 19	17 51		n.a.
T 20	23 10	6 15	5 6	24 33	1 9	20 56	1 5	8 41	0 53	21 54	1 4	5 30	2 38	22 13	0 40	15 52	1 25	30 9	6 21	17 40	17 18	17 50		n.a.
F 21	23 16	1 25	4 40	24 19	1 2	20 38	1 0	8 56	0 52	21 51	1 4	5 29	2 37	22 13	0 40	15 51	1 25	30 9	6 21	17 40	17 17	17 48		n.a.
S 22	23 21	3n21	3 59	24 3	0 55	20 19	0 56	9 11	0 51	21 49	1 4	5 29	2 37	22 13	0 40	15 51	1 25	30 9	6 21	17 40	17 16	17 47		n.a.
S 23	23 25	7 51	3 6	23 47	0 47	20 0	0 51	9 27	0 51	21 47	1 4	5 28	2 37	22 14	0 40	15 50	1 25	30 9	6 21	17 40	17 15	17 46		n.a.
M24	23 30	11 54	2 5	23 29	0 39	19 40	0 46	9 42	0 50	21 44	1 4	5 27	2 36	22 14	0 40	15 50	1 25	30 9	6 21	17 41	17 14	17 44		n.a.
T 25	23 33	15 20	0 59	23 10	0 31	19 20	0 40	9 57	0 50	21 42	1 4	5 26	2 36	22 15	0 40	15 49	1 25	30 9	6 21	17 41	17 13	17 43		n.a.
W26	23 37	18 0	0s 9	22 51	0 22	19 0	0 35	10 12	0 49	21 39	1 4	5 25	2 36	22 15	0 40	15 49	1 25	30 9	6 21	17 41	17 13	17 42		n.a.
T 27	23 40	19 48	1 15	22 31	0 13	18 39	0 30	10 27	0 49	21 37	1 4	5 24	2 36	22 15	0 40	15 48	1 25	30 9	6 21	17 41	17 12	17 40		n.a.
F 28	23 42	20 40	2 17	22 10	0 4	18 18	0 24	10 42	0 48	21 34	1 4	5 23	2 35	22 16	0 40	15 48	1 25	30 10	6 21	17 40	17 11	17 39		n.a.
S 29	23 44	20 35	3 12	21 49	0s 6	17 57	0 18	10 56	0 47	21 32	1 4	5 22	2 35	22 16	0 40	15 47	1 25	30 10	6 21	17 39	17 10	17 37		n.a.
S 30	23n46	19n34	3s58	21n28	0s16	17n35	0n12	11n11	0s47	21n29	1n 4	5n21	2n35	22s16	0s40	15n47	1n25	30n10	6n21	17s37	17s 9	17n36		n.a.

Julian Day Number = 1348288.5, Delta T = 07h09m36s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'44, Lahiri = -18°03'43 Julian Calendar 1 June 1022 BCE == Greg. Calendar 22 May 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

JULY 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 54 58	27♊31'27	20♋31	24♋40	13♌ 9	1♉23	0♌18	22♍39	24°R 7	21♌51	1♋20	18°R27	16♏51	20♋57	n.a.	M 1
T 2	17 58 55	28°28'57	2♌22	25°45	14° 3	2° 3	0°30	22°41	24♑ 5	21°53	1°22	18♏20	16°48	21° 4	n.a.	T 2
W 3	18 2 51	29°26'28	14°14	26°47	14°58	2°42	0°42	22°44	24° 3	21°54	1°24	18°13	16°45	21°11	n.a.	W 3
T 4	18 6 48	0♋24'01	26°10	27°46	15°51	3°21	0°54	22°46	24° 1	21°56	1°25	18° 7	16°41	21°17	n.a.	T 4
F 5	18 10 44	1°21'34	8♍13	28°43	16°44	4° 0	1° 6	22°49	23°58	21°57	1°27	18° 3	16°38	21°24	n.a.	F 5
S 6	18 14 41	2°19'09	20°28	29°37	17°37	4°39	1°18	22°52	23°56	21°59	1°29	18° 0	16°35	21°31	n.a.	S 6
S 7	18 18 37	3°16'45	2♎57	0♌27	18°29	5°17	1°30	22°55	23°54	22° 1	1°31	17°D59	16°32	21°38	n.a.	S 7
M 8	18 22 34	4°14'22	15°46	1°15	19°20	5°56	1°43	22°58	23°52	22° 2	1°33	18° 0	16°29	21°44	n.a.	M 8
T 9	18 26 31	5°12'00	28°59	1°59	20°10	6°35	1°55	23° 1	23°50	22° 4	1°34	18° 1	16°26	21°51	n.a.	T 9
W10	18 30 27	6° 9'39	12♏39	2°39	21° 0	7°13	2° 7	23° 4	23°47	22° 5	1°36	18°R 2	16°22	21°58	n.a.	W10
T 11	18 34 24	7° 7'20	26°47	3°15	21°50	7°51	2°20	23° 7	23°45	22° 7	1°38	18° 2	16°19	22° 4	n.a.	T 11
F 12	18 38 20	8° 5'01	11♐21	3°48	22°38	8°30	2°32	23°10	23°43	22° 9	1°40	18° 0	16°16	22°11	n.a.	F 12
S 13	18 42 17	9° 2'45	26°19	4°16	23°26	9° 8	2°44	23°14	23°41	22°11	1°42	17°56	16°13	22°18	n.a.	S 13
S 14	18 46 13	10° 0'30	11♑31	4°39	24°13	9°46	2°57	23°17	23°38	22°12	1°43	17°49	16°10	22°25	n.a.	S 14
M15	18 50 10	10°58'16	26°49	4°58	24°59	10°24	3° 9	23°21	23°36	22°14	1°45	17°42	16° 6	22°31	n.a.	M15
T 16	18 54 6	11°56'04	12♒ 0	5°12	25°44	11° 2	3°22	23°24	23°34	22°16	1°47	17°34	16° 3	22°38	n.a.	T 16
W17	18 58 3	12°53'54	26°55	5°21	26°28	11°40	3°34	23°28	23°31	22°18	1°49	17°27	16° 0	22°45	n.a.	W17
T 18	19 2 0	13°51'45	11♓27	5°R24	27°12	12°17	3°47	23°32	23°29	22°20	1°51	17°21	15°57	22°51	n.a.	T 18
F 19	19 5 56	14°49'39	25°31	5°22	27°54	12°55	4° 0	23°35	23°27	22°21	1°52	17°17	15°54	22°58	n.a.	F 19
S 20	19 9 53	15°47'34	9♈ 7	5°13	28°35	13°32	4°12	23°39	23°24	22°23	1°54	17°15	15°51	23° 5	n.a.	S 20
S 21	19 13 49	16°45'31	22°17	4°59	29°16	14°10	4°25	23°43	23°22	22°25	1°56	17°D15	15°47	23°12	n.a.	S 21
M22	19 17 46	17°43'31	5♉ 4	4°39	29°55	14°47	4°38	23°47	23°20	22°27	1°58	17°16	15°44	23°18	n.a.	M22
T 23	19 21 42	18°41'33	17°33	4°13	0♍34	15°24	4°50	23°52	23°17	22°29	1°59	17°R16	15°41	23°25	n.a.	T 23
W24	19 25 39	19°39'36	29°47	3°41	1°11	16° 1	5° 3	23°56	23°15	22°31	2° 1	17°16	15°38	23°32	n.a.	W24
T 25	19 29 35	20°37'42	11♊51	3° 3	1°47	16°38	5°16	24° 0	23°12	22°33	2° 3	17°13	15°35	23°38	n.a.	T 25
F 26	19 33 32	21°35'50	23°48	2°20	2°21	17°15	5°29	24° 5	23°10	22°35	2° 4	17° 7	15°32	23°45	n.a.	F 26
S 27	19 37 29	22°33'59	5♋41	1°32	2°55	17°52	5°42	24° 9	23° 8	22°37	2° 6	16°59	15°28	23°52	n.a.	S 27
S 28	19 41 25	23°32'11	17°32	0°40	3°27	18°28	5°55	24°13	23° 5	22°39	2° 8	16°49	15°25	23°59	n.a.	S 28
M29	19 45 22	24°30'24	29°23	29♋45	3°58	19° 5	6° 7	24°18	23° 3	22°41	2°10	16°36	15°22	24° 5	n.a.	M29
T 30	19 49 18	25°28'39	11♌16	28°47	4°27	19°41	6°20	24°23	23° 0	22°43	2°11	16°23	15°19	24°12	n.a.	T 30
W31	19 53 15	26♋26'57	23♌12	27♋49	4♍54	20♉17	6♌33	24♍27	22♑58	22♌45	2♋13	16♏11	15♏16	24♋19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23n47	17n43	4s34	21n 6	0s26	17n14	0n 6	11n25	0s46	21n26	1n 4	5n19	2n35	22s17	0s40	15n46	1n25	30n10	6n21	17s35	17s 8	17n35			n.a.
T 2	23 48	15 7	4 57	20 44	0 37	16 52	0s 0	11 40	0 46	21 24	1 4	5 18	2 34	22 17	0 40	15 46	1 25	30 10	6 21	17 33	17 7	17 33			n.a.
W 3	23 49	11 54	5 8	20 21	0 47	16 30	0 7	11 54	0 45	21 21	1 4	5 17	2 34	22 18	0 40	15 45	1 25	30 10	6 21	17 31	17 6	17 32			n.a.
T 4	23 49	8 12	5 6	19 59	0 58	16 7	0 13	12 8	0 44	21 18	1 4	5 16	2 34	22 18	0 40	15 45	1 25	30 10	6 21	17 30	17 5	17 30			n.a.
F 5	23 48	4 8	4 50	19 36	1 9	15 45	0 20	12 22	0 44	21 16	1 4	5 14	2 34	22 18	0 40	15 44	1 25	30 10	6 21	17 28	17 4	17 29			n.a.
S 6	23 48	0s 9	4 21	19 14	1 21	15 22	0 27	12 36	0 43	21 13	1 4	5 13	2 33	22 19	0 40	15 44	1 24	30 10	6 22	17 28	17 3	17 28			n.a.
S 7	23 46	4 32	3 39	18 52	1 32	14 59	0 34	12 50	0 42	21 10	1 4	5 12	2 33	22 19	0 40	15 43	1 24	30 10	6 22	17 28	17 2	17 26			n.a.
M 8	23 45	8 50	2 45	18 31	1 44	14 36	0 42	13 3	0 42	21 7	1 4	5 10	2 33	22 20	0 40	15 43	1 24	30 10	6 22	17 28	17 2	17 25			n.a.
T 9	23 43	12 51	1 41	18 10	1 55	14 13	0 49	13 17	0 41	21 5	1 4	5 9	2 33	22 20	0 40	15 42	1 24	30 10	6 22	17 28	17 1	17 23			n.a.
W10	23 40	16 20	0 29	17 49	2 7	13 50	0 57	13 30	0 40	21 2	1 4	5 7	2 32	22 20	0 40	15 42	1 24	30 10	6 22	17 28	17 0	17 22			n.a.
T 11	23 37	18 59	0n47	17 30	2 18	13 26	1 4	13 43	0 40	20 59	1 4	5 6	2 32	22 21	0 40	15 41	1 24	30 10	6 22	17 28	16 59	17 21			n.a.
F 12	23 34	20 29	2 2	17 11	2 30	13 3	1 12	13 57	0 39	20 56	1 4	5 4	2 32	22 21	0 40	15 40	1 24	30 10	6 22	17 28	16 58	17 19			n.a.
S 13	23 30	20 35	3 11	16 53	2 42	12 40	1 20	14 10	0 38	20 53	1 4	5 3	2 32	22 22	0 40	15 40	1 24	30 10	6 22	17 26	16 57	17 18			n.a.
S 14	23 26	19 12	4 7	16 36	2 53	12 16	1 29	14 23	0 38	20 50	1 4	5 1	2 32	22 22	0 40	15 39	1 24	30 10	6 22	17 25	16 56	17 16			n.a.
M15	23 21	16 27	4 46	16 21	3 4	11 53	1 37	14 35	0 37	20 47	1 4	5 0	2 31	22 22	0 40	15 39	1 24	30 10	6 22	17 23	16 55	17 15			n.a.
T 16	23 16	12 35	5 4	16 7	3 15	11 29	1 46	14 48	0 36	20 44	1 4	4 58	2 31	22 23	0 40	15 38	1 24	30 11	6 22	17 20	16 54	17 13			n.a.
W17	23 11	8 1	5 2	15 55	3 25	11 6	1 54	15 1	0 35	20 41	1 4	4 56	2 31	22 23	0 40	15 37	1 24	30 11	6 22	17 18	16 53	17 12			n.a.
T 18	23 5	3 5	4 39	15 44	3 36	10 43	2 3	15 13	0 35	20 38	1 4	4 54	2 31	22 24	0 40	15 37	1 24	30 11	6 23	17 17	16 52	17 10			n.a.
F 19	22 59	1n52	4 1	15 35	3 45	10 19	2 12	15 25	0 34	20 35	1 4	4 53	2 30	22 24	0 40	15 36	1 24	30 11	6 23	17 15	16 51	17 9			n.a.
S 20	22 52	6 34	3 9	15 29	3 54	9 56	2 22	15 37	0 33	20 32	1 4	4 51	2 30	22 25	0 40	15 35	1 24	30 11	6 23	17 15	16 50	17 8			n.a.
S 21	22 45	10 48	2 10	15 25	4 2	9 33	2 31	15 49	0 32	20 29	1 4	4 49	2 30	22 25	0 40	15 35	1 24	30 11	6 23	17 15	16 49	17 6			n.a.
M22	22 37	14 26	1 5	15 23	4 9	9 11	2 40	16 1	0 32	20 26	1 4	4 47	2 30	22 25	0 40	15 34	1 24	30 11	6 23	17 15	16 48	17 5			n.a.
T 23	22 29	17 19	0s 1	15 23	4 15	8 48	2 50	16 13	0 31	20 23	1 4	4 45	2 29	22 26	0 40	15 34	1 24	30 11	6 23	17 15	16 48	17 3			n.a.
W24	22 21	19 21	1 6	15 26	4 19	8 25	3 0	16 25	0 30	20 20	1 4	4 43	2 29	22 26	0 40	15 33	1 24	30 11	6 23	17 15	16 47	17 2			n.a.
T 25	22 12	20 28	2 7	15 32	4 22	8 3	3 10	16 36	0 29	20 17	1 4	4 42	2 29	22 27	0 40	15 32	1 24	30 11	6 23	17 14	16 46	17 0			n.a.
F 26	22 3	20 39	3 2	15 40	4 24	7 41	3 20	16 48	0 29	20 13	1 4	4 40	2 29	22 27	0 40	15 32	1 24	30 11	6 24	17 13	16 45	16 59			n.a.
S 27	21 54	19 54	3 48	15 50	4 24	7 20	3 30	16 59	0 28	20 10	1 4	4 38	2 29	22 28	0 40	15 31	1 24	30 12	6 24	17 10	16 44	16 57			n.a.
S 28	21 44	18 17	4 24	16 4	4 22	6 58	3 41	17 10	0 27	20 7	1 4	4 36	2 28	22 28	0 40	15 30	1 24	30 12	6 24	17 7	16 43	16 56			n.a.
M29	21 33	15 54	4 48	16 19	4 18	6 37	3 51	17 21	0 26	20 4	1 4	4 34	2 28	22 28	0 40	15 29	1 24	30 12	6 24	17 4	16 42	16 54			n.a.
T 30	21 23	12 51	5 0	16 37	4 12	6 17	4 2	17 32	0 25	20 0	1 4	4 32	2 28	22 29	0 40	15 29	1 24	30 12	6 24	17 0	16 41	16 53			n.a.
W31	21n12	9n18	4s59	16n56	4s 5	5n57	4s13	17n42	0s24	19n57	1n 4	4n29	2n28	22s29	0s40	15n28	1n24	30n12	6n24	16s56	16s40	16n52			n.a.

Julian Day Number = 1348318.5, Delta T = 07h09m35s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'40, Lahiri = -18°03'39 Julian Calendar 1 July 1022 BCE == Greg. Calendar 21 June 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

AUGUST 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 11	27♋25'15	5♍12	26°R50	5♍21	20♉53	6♌46	24♍32	22°R56	22♌47	2♋15	16°R 0	15♏12	24♋25	n.a.	T 1
F 2	20 1 8	28°23'36	17°19	25♋53	5°45	21°29	6°59	24°37	22♑53	22°49	2°16	15♏51	15° 9	24°32	n.a.	F 2
S 3	20 5 4	29°21'58	29°35	24°58	6° 8	22° 5	7°12	24°42	22°51	22°51	2°18	15°45	15° 6	24°39	n.a.	S 3
S 4	20 9 1	0♌20'23	12♎ 4	24° 8	6°29	22°41	7°25	24°47	22°48	22°53	2°19	15°41	15° 3	24°46	n.a.	S 4
M 5	20 12 58	1°18'48	24°50	23°23	6°48	23°16	7°38	24°52	22°46	22°55	2°21	15°40	15° 0	24°52	n.a.	M 5
T 6	20 16 54	2°17'16	7♏57	22°44	7° 6	23°52	7°51	24°57	22°44	22°57	2°23	15°40	14°57	24°59	n.a.	T 6
W 7	20 20 51	3°15'45	21°28	22°12	7°21	24°27	8° 4	25° 2	22°41	22°59	2°24	15°40	14°53	25° 6	n.a.	W 7
T 8	20 24 47	4°14'17	5♐25	21°49	7°35	25° 2	8°17	25° 8	22°39	23° 2	2°26	15°39	14°50	25°12	n.a.	T 8
F 9	20 28 44	5°12'50	19°50	21°34	7°46	25°37	8°30	25°13	22°37	23° 4	2°27	15°35	14°47	25°19	n.a.	F 9
S 10	20 32 40	6°11'25	4♑40	21°D29	7°55	26°12	8°43	25°18	22°34	23° 6	2°29	15°29	14°44	25°26	n.a.	S 10
S 11	20 36 37	7°10'01	19°49	21°33	8° 2	26°47	8°56	25°24	22°32	23° 8	2°31	15°21	14°41	25°33	n.a.	S 11
M12	20 40 33	8° 8'40	5♒ 8	21°46	8° 7	27°21	9° 9	25°29	22°30	23°10	2°32	15°11	14°38	25°39	n.a.	M12
T 13	20 44 30	9° 7'21	20°24	22° 9	8°10	27°56	9°22	25°35	22°28	23°12	2°34	14°59	14°34	25°46	n.a.	T 13
W14	20 48 26	10° 6'04	5♓28	22°41	8°R10	28°30	9°36	25°40	22°25	23°15	2°35	14°49	14°31	25°53	n.a.	W14
T 15	20 52 23	11° 4'49	20°10	23°22	8° 8	29° 5	9°49	25°46	22°23	23°17	2°37	14°40	14°28	25°59	n.a.	T 15
F 16	20 56 20	12° 3'36	4♈24	24°12	8° 4	29°39	10° 2	25°52	22°21	23°19	2°38	14°34	14°25	26° 6	n.a.	F 16
S 17	21 0 16	13° 2'26	18° 7	25° 9	7°57	0♊13	10°15	25°58	22°19	23°21	2°39	14°31	14°22	26°13	n.a.	S 17
S 18	21 4 13	14° 1'18	1♉22	26°14	7°48	0°46	10°28	26° 3	22°16	23°23	2°41	14°29	14°18	26°20	n.a.	S 18
M19	21 8 9	15° 0'12	14°10	27°25	7°36	1°20	10°41	26° 9	22°14	23°26	2°42	14°29	14°15	26°26	n.a.	M19
T 20	21 12 6	15°59'10	26°38	28°42	7°22	1°53	10°54	26°15	22°12	23°28	2°44	14°29	14°12	26°33	n.a.	T 20
W21	21 16 2	16°58'09	8♊49	0♌ 5	7° 6	2°27	11° 7	26°21	22°10	23°30	2°45	14°27	14° 9	26°40	n.a.	W21
T 22	21 19 59	17°57'11	20°49	1°32	6°48	3° 0	11°20	26°27	22° 8	23°32	2°46	14°24	14° 6	26°46	n.a.	T 22
F 23	21 23 55	18°56'15	2♋42	3° 3	6°27	3°33	11°33	26°33	22° 6	23°34	2°48	14°18	14° 3	26°53	n.a.	F 23
S 24	21 27 52	19°55'22	14°32	4°38	6° 4	4° 6	11°46	26°39	22° 4	23°37	2°49	14° 9	13°59	27° 0	n.a.	S 24
S 25	21 31 49	20°54'31	26°23	6°16	5°39	4°38	11°59	26°45	22° 2	23°39	2°50	13°57	13°56	27° 7	n.a.	S 25
M26	21 35 45	21°53'43	8♌16	7°56	5°12	5°11	12°12	26°52	22° 0	23°41	2°52	13°44	13°53	27°13	n.a.	M26
T 27	21 39 42	22°52'56	20°14	9°38	4°44	5°43	12°25	26°58	21°58	23°43	2°53	13°29	13°50	27°20	n.a.	T 27
W28	21 43 38	23°52'12	2♍17	11°22	4°13	6°15	12°38	27° 4	21°56	23°46	2°54	13°15	13°47	27°27	n.a.	W28
T 29	21 47 35	24°51'29	14°26	13° 6	3°42	6°47	12°51	27°10	21°54	23°48	2°55	13° 3	13°43	27°34	n.a.	T 29
F 30	21 51 31	25°50'49	26°43	14°52	3° 8	7°19	13° 4	27°17	21°52	23°50	2°57	12°53	13°40	27°40	n.a.	F 30
S 31	21 55 28	26♌50'11	9♎ 9	16♌38	2♍34	7♊50	13♌16	27♍23	21♑50	23♌52	2♋58	12♏46	13♏37	27♋47	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	21n 0	5n20	4s45	17n17	3s55	5n37	4s24	17n53	0s24	19n54	1n 4	4n27	2n28	22s30	0s40	15n27	1n24	30n12	6n24	16s53	16s39	16n50			n.a.
F 2	20 48	1 8	4 18	17 39	3 43	5 18	4 35	18 3	0 23	19 51	1 4	4 25	2 27	22 30	0 40	15 27	1 24	30 12	6 25	16 50	16 38	16 49			n.a.
S 3	20 36	3s10	3 38	18 2	3 30	4 59	4 46	18 13	0 22	19 47	1 4	4 23	2 27	22 30	0 40	15 26	1 24	30 12	6 25	16 49	16 37	16 47			n.a.
S 4	20 24	7 25	2 48	18 26	3 15	4 41	4 57	18 23	0 21	19 44	1 4	4 21	2 27	22 31	0 40	15 25	1 24	30 12	6 25	16 48	16 36	16 46			n.a.
M 5	20 11	11 26	1 48	18 49	2 59	4 23	5 8	18 33	0 20	19 41	1 4	4 19	2 27	22 31	0 40	15 25	1 24	30 13	6 25	16 47	16 35	16 44			n.a.
T 6	19 58	15 1	0 41	19 13	2 41	4 6	5 19	18 43	0 19	19 37	1 4	4 16	2 27	22 32	0 40	15 24	1 24	30 13	6 25	16 47	16 34	16 43			n.a.
W 7	19 44	17 55	0n31	19 36	2 23	3 50	5 31	18 53	0 18	19 34	1 4	4 14	2 27	22 32	0 40	15 23	1 24	30 13	6 25	16 47	16 33	16 41			n.a.
T 8	19 30	19 52	1 43	19 58	2 5	3 35	5 42	19 2	0 18	19 30	1 4	4 12	2 26	22 32	0 40	15 22	1 24	30 13	6 25	16 47	16 32	16 40			n.a.
F 9	19 16	20 35	2 50	20 19	1 46	3 20	5 53	19 12	0 17	19 27	1 4	4 10	2 26	22 33	0 40	15 22	1 24	30 13	6 26	16 46	16 32	16 38			n.a.
S 10	19 1	19 56	3 48	20 38	1 27	3 6	6 5	19 21	0 16	19 24	1 4	4 7	2 26	22 33	0 40	15 21	1 24	30 13	6 26	16 44	16 31	16 37			n.a.
S 11	18 46	17 51	4 32	20 56	1 9	2 53	6 16	19 30	0 15	19 20	1 4	4 5	2 26	22 34	0 40	15 20	1 24	30 13	6 26	16 42	16 30	16 35			n.a.
M12	18 31	14 30	4 56	21 12	0 50	2 41	6 27	19 39	0 14	19 17	1 4	4 3	2 26	22 34	0 40	15 20	1 24	30 13	6 26	16 39	16 29	16 34			n.a.
T 13	18 15	10 11	4 59	21 25	0 33	2 30	6 38	19 48	0 13	19 13	1 4	4 0	2 25	22 34	0 40	15 19	1 24	30 14	6 26	16 35	16 28	16 32			n.a.
W14	17 59	5 18	4 41	21 37	0 16	2 20	6 49	19 57	0 12	19 10	1 4	3 58	2 25	22 35	0 40	15 18	1 24	30 14	6 26	16 32	16 27	16 31			n.a.
T 15	17 43	0 12	4 5	21 46	0n 0	2 10	6 59	20 5	0 11	19 6	1 4	3 55	2 25	22 35	0 40	15 17	1 24	30 14	6 27	16 30	16 26	16 29			n.a.
F 16	17 27	4n45	3 15	21 52	0 15	2 2	7 10	20 14	0 10	19 3	1 4	3 53	2 25	22 35	0 40	15 17	1 24	30 14	6 27	16 28	16 25	16 28			n.a.
S 17	17 10	9 17	2 15	21 55	0 29	1 55	7 20	20 22	0 9	18 59	1 4	3 50	2 25	22 36	0 40	15 16	1 24	30 14	6 27	16 27	16 24	16 26			n.a.
S 18	16 53	13 12	1 9	21 56	0 42	1 50	7 30	20 30	0 8	18 56	1 5	3 48	2 25	22 36	0 40	15 15	1 24	30 14	6 27	16 26	16 23	16 25			n.a.
M19	16 35	16 22	0 2	21 53	0 54	1 45	7 39	20 38	0 7	18 52	1 5	3 45	2 25	22 36	0 40	15 14	1 24	30 15	6 27	16 26	16 22	16 23			n.a.
T 20	16 18	18 40	1s 4	21 48	1 5	1 42	7 48	20 46	0 6	18 48	1 5	3 43	2 24	22 37	0 40	15 14	1 24	30 15	6 28	16 26	16 21	16 22			n.a.
W21	16 0	20 4	2 5	21 40	1 14	1 40	7 57	20 54	0 5	18 45	1 5	3 40	2 24	22 37	0 40	15 13	1 24	30 15	6 28	16 26	16 20	16 20			n.a.
T 22	15 41	20 31	2 59	21 28	1 23	1 39	8 5	21 1	0 4	18 41	1 5	3 38	2 24	22 37	0 40	15 12	1 24	30 15	6 28	16 25	16 19	16 19			n.a.
F 23	15 23	20 2	3 45	21 14	1 30	1 40	8 13	21 9	0 3	18 38	1 5	3 35	2 24	22 38	0 40	15 11	1 24	30 15	6 28	16 23	16 18	16 17			n.a.
S 24	15 4	18 41	4 21	20 58	1 36	1 41	8 20	21 16	0 2	18 34	1 5	3 33	2 24	22 38	0 40	15 11	1 24	30 15	6 28	16 20	16 17	16 15			n.a.
S 25	14 45	16 32	4 46	20 38	1 41	1 45	8 26	21 23	0 1	18 30	1 5	3 30	2 24	22 38	0 40	15 10	1 24	30 16	6 29	16 17	16 16	16 14			n.a.
M26	14 26	13 41	4 58	20 16	1 46	1 49	8 32	21 30	0n 0	18 27	1 5	3 27	2 24	22 39	0 40	15 9	1 24	30 16	6 29	16 12	16 15	16 12			n.a.
T 27	14 6	10 16	4 58	19 52	1 49	1 55	8 37	21 37	0 1	18 23	1 5	3 25	2 23	22 39	0 40	15 8	1 24	30 16	6 29	16 8	16 14	16 11			n.a.
W28	13 46	6 25	4 44	19 25	1 51	2 2	8 41	21 44	0 2	18 19	1 5	3 22	2 23	22 39	0 40	15 8	1 24	30 16	6 29	16 4	16 13	16 9			n.a.
T 29	13 26	2 17	4 17	18 57	1 53	2 11	8 44	21 50	0 3	18 16	1 5	3 19	2 23	22 40	0 40	15 7	1 24	30 16	6 29	16 0	16 12	16 8			n.a.
F 30	13 6	2s 0	3 38	18 26	1 54	2 20	8 46	21 57	0 5	18 12	1 5	3 17	2 23	22 40	0 40	15 6	1 24	30 16	6 30	15 57	16 11	16 6			n.a.
S 31	12n46	6s14	2s47	17n54	1n54	2n31	8s48	22n 3	0n 6	18n 9	1n 6	3n14	2n23	22s40	0s40	15n 5	1n24	30n17	6n30	15s55	16s10	16n 5			n.a.

Julian Day Number = 1348349.5, Delta T = 07h09m33s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'35, Lahiri = -18°03'35 Julian Calendar 1 Aug. 1022 BCE == Greg. Calendar 22 July 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

SEPTEMBER 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 59 24	27♌49'35	21♎46	18♌24	1°R59	8♊21	13♌29	27♍30	21°R49	23♌55	2♋59	12°R41	13♏34	27♋54	n.a.	S 1
M 2	22 3 21	28°49'01	4♏36	20°11	1♍23	8°53	13°42	27°36	21♑47	23°57	3° 0	12♏40	13°31	28° 0	n.a.	M 2
T 3	22 7 17	29°48'29	17°43	21°57	0°47	9°23	13°55	27°43	21°45	23°59	3° 1	12°D40	13°28	28° 7	n.a.	T 3
W 4	22 11 14	0♍47'59	1♐ 9	23°44	0°10	9°54	14° 8	27°49	21°43	24° 1	3° 2	12°R40	13°24	28°14	n.a.	W 4
T 5	22 15 11	1°47'30	14°57	25°30	29♌34	10°25	14°21	27°56	21°42	24° 3	3° 3	12°39	13°21	28°21	n.a.	T 5
F 6	22 19 7	2°47'04	29° 8	27°15	28°57	10°55	14°33	28° 2	21°40	24° 6	3° 4	12°37	13°18	28°27	n.a.	F 6
S 7	22 23 4	3°46'39	13♑41	29° 1	28°22	11°25	14°46	28° 9	21°38	24° 8	3° 6	12°32	13°15	28°34	n.a.	S 7
S 8	22 27 0	4°46'17	28°32	0♍45	27°47	11°55	14°59	28°16	21°37	24°10	3° 7	12°24	13°12	28°41	n.a.	S 8
M 9	22 30 57	5°45'56	13♒34	2°29	27°13	12°25	15°11	28°22	21°35	24°12	3° 8	12°15	13° 9	28°47	n.a.	M 9
T 10	22 34 53	6°45'37	28°38	4°13	26°40	12°54	15°24	28°29	21°34	24°15	3° 8	12° 5	13° 5	28°54	n.a.	T 10
W11	22 38 50	7°45'20	13♓35	5°56	26° 8	13°23	15°36	28°36	21°32	24°17	3° 9	11°55	13° 2	29° 1	n.a.	W11
T 12	22 42 46	8°45'05	28°15	7°38	25°39	13°52	15°49	28°43	21°31	24°19	3°10	11°47	12°59	29° 8	n.a.	T 12
F 13	22 46 43	9°44'53	12♈31	9°20	25°11	14°21	16° 2	28°49	21°30	24°21	3°11	11°41	12°56	29°14	n.a.	F 13
S 14	22 50 39	10°44'43	26°19	11° 1	24°45	14°50	16°14	28°56	21°28	24°23	3°12	11°38	12°53	29°21	n.a.	S 14
S 15	22 54 36	11°44'35	9♉39	12°42	24°21	15°18	16°26	29° 3	21°27	24°25	3°13	11°D37	12°49	29°28	n.a.	S 15
M16	22 58 33	12°44'29	22°32	14°22	23°59	15°46	16°39	29°10	21°26	24°28	3°14	11°37	12°46	29°34	n.a.	M16
T 17	23 2 29	13°44'26	5♊ 4	16° 1	23°39	16°14	16°51	29°17	21°25	24°30	3°15	11°38	12°43	29°41	n.a.	T 17
W18	23 6 26	14°44'26	17°17	17°40	23°22	16°41	17° 3	29°24	21°23	24°32	3°15	11°R38	12°40	29°48	n.a.	W18
T 19	23 10 22	15°44'27	29°18	19°18	23° 7	17° 8	17°16	29°31	21°22	24°34	3°16	11°37	12°37	29°55	n.a.	T 19
F 20	23 14 19	16°44'31	11♋11	20°56	22°55	17°35	17°28	29°38	21°21	24°36	3°17	11°34	12°34	0♌ 1	n.a.	F 20
S 21	23 18 15	17°44'37	23° 2	22°33	22°45	18° 2	17°40	29°45	21°20	24°38	3°17	11°28	12°30	0° 8	n.a.	S 21
S 22	23 22 12	18°44'46	4♌54	24° 9	22°38	18°29	17°52	29°52	21°19	24°40	3°18	11°20	12°27	0°15	n.a.	S 22
M23	23 26 8	19°44'56	16°51	25°45	22°33	18°55	18° 4	29°59	21°18	24°42	3°19	11°11	12°24	0°22	n.a.	M23
T 24	23 30 5	20°45'09	28°54	27°21	22°30	19°20	18°16	0♎ 6	21°17	24°44	3°19	11° 1	12°21	0°28	n.a.	T 24
W25	23 34 2	21°45'23	11♍ 7	28°56	22°D30	19°46	18°28	0°13	21°17	24°46	3°20	10°51	12°18	0°35	n.a.	W25
T 26	23 37 58	22°45'40	23°29	0♎31	22°33	20°11	18°40	0°20	21°16	24°48	3°20	10°43	12°14	0°42	n.a.	T 26
F 27	23 41 55	23°45'58	6♎ 1	2° 5	22°37	20°36	18°52	0°27	21°15	24°51	3°21	10°36	12°11	0°48	n.a.	F 27
S 28	23 45 51	24°46'18	18°45	3°39	22°44	21° 1	19° 4	0°34	21°14	24°53	3°21	10°31	12° 8	0°55	n.a.	S 28
S 29	23 49 48	25°46'40	1♏39	5°12	22°53	21°25	19°15	0°41	21°14	24°55	3°22	10°29	12° 5	1° 2	n.a.	S 29
M30	23 53 44	26♍47'04	14♏45	6♎45	23♌ 5	21♊49	19♌27	0♎48	21♑13	24♌56	3♋22	10°D28	12♏ 2	1♌ 9	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n25	10s17	1s48	17n20	1n53	2n43	8s48	22n 9	0n 7	18n 5	1n 6	3n11	2n23	22s41	0s40	15n 5	1n24	30n17	6n30	15s53	16s 9	16n 3		n.a.
M 2	12 4	13 56	0 43	16 45	1 52	2 56	8 48	22 15	0 8	18 1	1 6	3 9	2 23	22 41	0 40	15 4	1 24	30 17	6 30	15 53	16 9	16 2		n.a.
T 3	11 43	16 57	0n27	16 9	1 50	3 10	8 46	22 21	0 9	17 57	1 6	3 6	2 23	22 41	0 40	15 3	1 24	30 17	6 31	15 53	16 8	16 0		n.a.
W 4	11 22	19 8	1 37	15 31	1 48	3 25	8 44	22 27	0 10	17 54	1 6	3 3	2 23	22 41	0 40	15 2	1 24	30 17	6 31	15 53	16 7	15 58		n.a.
T 5	11 0	20 16	2 43	14 52	1 45	3 41	8 41	22 33	0 11	17 50	1 6	3 1	2 22	22 42	0 40	15 2	1 24	30 18	6 31	15 53	16 6	15 57		n.a.
F 6	10 39	20 8	3 40	14 12	1 42	3 57	8 37	22 39	0 13	17 46	1 6	2 58	2 22	22 42	0 40	15 1	1 24	30 18	6 31	15 52	16 5	15 55		n.a.
S 7	10 17	18 42	4 26	13 32	1 38	4 14	8 31	22 44	0 14	17 43	1 6	2 55	2 22	22 42	0 40	15 0	1 24	30 18	6 31	15 50	16 4	15 54		n.a.
S 8	9 55	15 59	4 54	12 51	1 34	4 32	8 25	22 49	0 15	17 39	1 6	2 52	2 22	22 42	0 40	15 0	1 24	30 18	6 32	15 48	16 3	15 52		n.a.
M 9	9 32	12 11	5 3	12 9	1 30	4 50	8 18	22 55	0 16	17 35	1 6	2 49	2 22	22 43	0 40	14 59	1 24	30 18	6 32	15 45	16 2	15 51		n.a.
T 10	9 10	7 36	4 50	11 26	1 26	5 8	8 11	23 0	0 18	17 32	1 7	2 47	2 22	22 43	0 40	14 58	1 24	30 19	6 32	15 42	16 1	15 49		n.a.
W11	8 48	2 35	4 18	10 43	1 21	5 27	8 2	23 5	0 19	17 28	1 7	2 44	2 22	22 43	0 40	14 57	1 24	30 19	6 32	15 39	16 0	15 48		n.a.
T 12	8 25	2n29	3 30	10 0	1 16	5 45	7 53	23 9	0 20	17 24	1 7	2 41	2 22	22 43	0 40	14 57	1 24	30 19	6 33	15 36	15 59	15 46		n.a.
F 13	8 2	7 18	2 29	9 16	1 10	6 4	7 43	23 14	0 21	17 21	1 7	2 38	2 22	22 43	0 40	14 56	1 24	30 19	6 33	15 35	15 58	15 44		n.a.
S 14	7 39	11 34	1 21	8 32	1 5	6 22	7 33	23 19	0 23	17 17	1 7	2 35	2 22	22 44	0 40	14 55	1 24	30 20	6 33	15 34	15 57	15 43		n.a.
S 15	7 16	15 6	0 11	7 48	0 59	6 40	7 22	23 23	0 24	17 13	1 7	2 33	2 22	22 44	0 40	14 54	1 24	30 20	6 33	15 33	15 56	15 41		n.a.
M16	6 53	17 45	0s58	7 4	0 53	6 58	7 10	23 28	0 25	17 10	1 7	2 30	2 22	22 44	0 40	14 54	1 24	30 20	6 34	15 33	15 55	15 40		n.a.
T 17	6 29	19 29	2 2	6 19	0 47	7 16	6 58	23 32	0 27	17 6	1 7	2 27	2 22	22 44	0 40	14 53	1 24	30 20	6 34	15 34	15 54	15 38		n.a.
W18	6 6	20 14	2 59	5 34	0 41	7 33	6 46	23 36	0 28	17 2	1 7	2 24	2 21	22 44	0 40	14 52	1 24	30 20	6 34	15 34	15 53	15 36		n.a.
T 19	5 42	20 2	3 47	4 50	0 35	7 50	6 33	23 40	0 30	16 59	1 8	2 21	2 21	22 44	0 40	14 52	1 24	30 21	6 34	15 33	15 52	15 35		n.a.
F 20	5 19	18 57	4 24	4 5	0 28	8 6	6 20	23 44	0 31	16 55	1 8	2 18	2 21	22 45	0 40	14 51	1 24	30 21	6 35	15 32	15 51	15 33		n.a.
S 21	4 55	17 3	4 50	3 20	0 22	8 22	6 7	23 48	0 32	16 51	1 8	2 15	2 21	22 45	0 40	14 50	1 24	30 21	6 35	15 31	15 50	15 32		n.a.
S 22	4 31	14 25	5 4	2 35	0 15	8 37	5 54	23 52	0 34	16 48	1 8	2 13	2 21	22 45	0 40	14 50	1 24	30 21	6 35	15 28	15 49	15 30		n.a.
M23	4 7	11 12	5 4	1 51	0 9	8 51	5 41	23 56	0 35	16 44	1 8	2 10	2 21	22 45	0 40	14 49	1 24	30 22	6 35	15 25	15 48	15 29		n.a.
T 24	3 43	7 29	4 51	1 6	0 2	9 4	5 27	23 59	0 37	16 40	1 8	2 7	2 21	22 45	0 40	14 48	1 25	30 22	6 36	15 22	15 47	15 27		n.a.
W25	3 19	3 26	4 25	0 22	0s 4	9 17	5 14	24 3	0 38	16 37	1 8	2 4	2 21	22 45	0 40	14 48	1 25	30 22	6 36	15 19	15 46	15 25		n.a.
T 26	2 55	0s49	3 46	0s22	0 11	9 29	5 1	24 6	0 40	16 33	1 9	2 1	2 21	22 45	0 39	14 47	1 25	30 22	6 36	15 16	15 45	15 24		n.a.
F 27	2 31	5 6	2 55	1 6	0 18	9 40	4 47	24 10	0 41	16 29	1 9	1 58	2 21	22 45	0 39	14 46	1 25	30 22	6 36	15 14	15 44	15 22		n.a.
S 28	2 7	9 13	1 55	1 50	0 24	9 50	4 34	24 13	0 43	16 26	1 9	1 55	2 21	22 45	0 39	14 46	1 25	30 23	6 37	15 13	15 43	15 20		n.a.
S 29	1 42	12 59	0 48	2 34	0 31	10 0	4 21	24 16	0 44	16 22	1 9	1 53	2 21	22 46	0 39	14 45	1 25	30 23	6 37	15 12	15 42	15 19		n.a.
M30	1n18	16s 9	0n23	3s17	0s37	10n 9	4s 7	24n19	0n46	16n19	1n 9	1n50	2n21	22s46	0s39	14n44	1n25	30n23	6n37	15s12	15s41	15n17		n.a.

Julian Day Number = 1348380.5, Delta T = 07h09m32s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'31, Lahiri = -18°03'31 Julian Calendar 1 Sept. 1022 BCE == Greg. Calendar 22 Aug. 1022 BCE

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

OCTOBER 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 57 41	27♍47'30	28♏ 4	8♎17	23♌18	22♊12	19♌39	0♎55	21°R13	24♌58	3♋23	10♏29	11♏59	1♌15	n.a.	T 1
W 2	0 1 37	28°47'57	11♐36	9°49	23°34	22°36	19°50	1° 2	21♑12	25° 0	3°23	10°31	11°55	1°22	n.a.	W 2
T 3	0 5 34	29°48'25	25°23	11°21	23°52	22°58	20° 2	1° 9	21°12	25° 2	3°24	10°R32	11°52	1°29	n.a.	T 3
F 4	0 9 30	0♎48'55	9♑25	12°53	24°11	23°21	20°13	1°16	21°11	25° 4	3°24	10°32	11°49	1°35	n.a.	F 4
S 5	0 13 27	1°49'27	23°42	14°24	24°33	23°43	20°24	1°23	21°11	25° 6	3°24	10°30	11°46	1°42	n.a.	S 5
S 6	0 17 24	2°49'59	8♒10	15°54	24°56	24° 5	20°35	1°30	21°11	25° 8	3°24	10°26	11°43	1°49	n.a.	S 6
M 7	0 21 20	3°50'34	22°46	17°25	25°21	24°26	20°47	1°37	21°10	25°10	3°25	10°21	11°40	1°56	n.a.	M 7
T 8	0 25 17	4°51'09	7♓25	18°54	25°48	24°47	20°58	1°44	21°10	25°12	3°25	10°15	11°36	2° 2	n.a.	T 8
W 9	0 29 13	5°51'46	21°58	20°24	26°17	25° 8	21° 9	1°52	21°10	25°13	3°25	10°10	11°33	2° 9	n.a.	W 9
T 10	0 33 10	6°52'25	6♈20	21°53	26°47	25°28	21°20	1°59	21°10	25°15	3°25	10° 6	11°30	2°16	n.a.	T 10
F 11	0 37 6	7°53'05	20°24	23°22	27°19	25°47	21°30	2° 6	21°D10	25°17	3°25	10° 2	11°27	2°22	n.a.	F 11
S 12	0 41 3	8°53'47	4♉ 6	24°50	27°52	26° 7	21°41	2°13	21°10	25°19	3°25	10°D 1	11°24	2°29	n.a.	S 12
S 13	0 44 59	9°54'30	17°25	26°17	28°27	26°26	21°52	2°20	21°10	25°20	3°26	10° 1	11°20	2°36	n.a.	S 13
M14	0 48 56	10°55'16	0♊21	27°45	29° 3	26°44	22° 2	2°27	21°10	25°22	3°26	10° 2	11°17	2°43	n.a.	M14
T 15	0 52 53	11°56'03	12°56	29°11	29°41	27° 2	22°13	2°34	21°10	25°24	3°R26	10° 4	11°14	2°49	n.a.	T 15
W16	0 56 49	12°56'51	25°13	0♏37	0♍20	27°20	22°23	2°41	21°11	25°26	3°26	10° 6	11°11	2°56	n.a.	W16
T 17	1 0 46	13°57'42	7♋18	2° 2	1° 0	27°37	22°34	2°48	21°11	25°27	3°26	10° 7	11° 8	3° 3	n.a.	T 17
F 18	1 4 42	14°58'34	19°13	3°27	1°41	27°53	22°44	2°55	21°11	25°29	3°26	10°R 7	11° 5	3°10	n.a.	F 18
S 19	1 8 39	15°59'27	1♌ 5	4°50	2°24	28° 9	22°54	3° 2	21°12	25°30	3°25	10° 6	11° 1	3°16	n.a.	S 19
S 20	1 12 35	17° 0'22	12°58	6°13	3° 7	28°25	23° 4	3° 9	21°12	25°32	3°25	10° 4	10°58	3°23	n.a.	S 20
M21	1 16 32	18° 1'19	24°57	7°34	3°52	28°40	23°14	3°16	21°12	25°33	3°25	10° 1	10°55	3°30	n.a.	M21
T 22	1 20 28	19° 2'17	7♍ 5	8°54	4°37	28°54	23°24	3°23	21°13	25°35	3°25	9°57	10°52	3°36	n.a.	T 22
W23	1 24 25	20° 3'16	19°24	10°13	5°24	29° 8	23°34	3°29	21°14	25°36	3°25	9°54	10°49	3°43	n.a.	W23
T 24	1 28 22	21° 4'17	1♎58	11°29	6°12	29°22	23°43	3°36	21°14	25°38	3°25	9°51	10°45	3°50	n.a.	T 24
F 25	1 32 18	22° 5'19	14°47	12°44	7° 0	29°34	23°53	3°43	21°15	25°39	3°24	9°48	10°42	3°57	n.a.	F 25
S 26	1 36 15	23° 6'22	27°51	13°57	7°49	29°47	24° 2	3°50	21°16	25°41	3°24	9°47	10°39	4° 3	n.a.	S 26
S 27	1 40 11	24° 7'27	11♏ 9	15° 6	8°40	29°58	24°12	3°57	21°16	25°42	3°24	9°D47	10°36	4°10	n.a.	S 27
M28	1 44 8	25° 8'32	24°41	16°13	9°31	0♋ 9	24°21	4° 4	21°17	25°43	3°23	9°47	10°33	4°17	n.a.	M28
T 29	1 48 4	26° 9'38	8♐23	17°16	10°22	0°20	24°30	4°10	21°18	25°45	3°23	9°48	10°30	4°23	n.a.	T 29
W30	1 52 1	27°10'45	22°16	18°15	11°15	0°29	24°39	4°17	21°19	25°46	3°23	9°49	10°26	4°30	n.a.	W30
T 31	1 55 57	28♎11'53	6♑16	19♏10	12♍ 8	0♋39	24♌48	4♎24	21♑20	25♌47	3♋22	9♏50	10♏23	4♌37	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0n54	18s31	1n34	4s 0	0s44	10n17	3s54	24n22	0n47	16n15	1n 9	1n47	2n21	22s46	0s39	14n44	1n25	30n23	6n37	15s12	15s40	15n16			n.a.
W 2	0 29	19 53	2 41	4 43	0 50	10 24	3 42	24 25	0 49	16 12	1 10	1 44	2 21	22 46	0 39	14 43	1 25	30 24	6 38	15 12	15 39	15 14			n.a.
T 3	0 5	20 5	3 39	5 26	0 57	10 30	3 29	24 28	0 51	16 8	1 10	1 41	2 21	22 46	0 39	14 42	1 25	30 24	6 38	15 13	15 38	15 12			n.a.
F 4	0s20	19 3	4 26	6 8	1 3	10 35	3 16	24 31	0 52	16 5	1 10	1 38	2 21	22 46	0 39	14 42	1 25	30 24	6 38	15 13	15 37	15 11			n.a.
S 5	0 44	16 49	4 57	6 49	1 9	10 39	3 4	24 34	0 54	16 1	1 10	1 35	2 21	22 46	0 39	14 41	1 25	30 24	6 38	15 12	15 36	15 9			n.a.
S 6	1 9	13 31	5 10	7 30	1 15	10 43	2 52	24 37	0 56	15 58	1 10	1 33	2 21	22 46	0 39	14 41	1 25	30 25	6 39	15 11	15 35	15 8			n.a.
M 7	1 33	9 22	5 3	8 11	1 21	10 46	2 40	24 39	0 58	15 54	1 10	1 30	2 21	22 46	0 39	14 40	1 25	30 25	6 39	15 9	15 34	15 6			n.a.
T 8	1 57	4 39	4 37	8 51	1 27	10 48	2 28	24 42	0 59	15 51	1 11	1 27	2 21	22 46	0 39	14 39	1 25	30 25	6 39	15 8	15 33	15 4			n.a.
W 9	2 22	0n19	3 52	9 31	1 33	10 49	2 17	24 44	1 1	15 47	1 11	1 24	2 21	22 46	0 39	14 39	1 25	30 25	6 39	15 6	15 32	15 3			n.a.
T 10	2 46	5 12	2 54	10 10	1 38	10 49	2 5	24 47	1 3	15 44	1 11	1 21	2 21	22 46	0 39	14 38	1 25	30 26	6 40	15 4	15 31	15 1			n.a.
F 11	3 11	9 43	1 45	10 49	1 44	10 48	1 54	24 49	1 5	15 41	1 11	1 18	2 21	22 46	0 39	14 38	1 25	30 26	6 40	15 3	15 30	14 59			n.a.
S 12	3 35	13 35	0 32	11 27	1 49	10 47	1 44	24 52	1 6	15 37	1 11	1 15	2 21	22 46	0 39	14 37	1 25	30 26	6 40	15 3	15 29	14 58			n.a.
S 13	3 59	16 39	0s40	12 4	1 54	10 45	1 33	24 54	1 8	15 34	1 11	1 13	2 21	22 46	0 39	14 37	1 25	30 27	6 40	15 3	15 28	14 56			n.a.
M14	4 23	18 46	1 49	12 40	1 58	10 42	1 23	24 57	1 10	15 31	1 12	1 10	2 21	22 46	0 39	14 36	1 25	30 27	6 41	15 3	15 27	14 55			n.a.
T 15	4 47	19 53	2 51	13 16	2 3	10 38	1 13	24 59	1 12	15 27	1 12	1 7	2 21	22 46	0 39	14 35	1 25	30 27	6 41	15 4	15 26	14 53			n.a.
W16	5 11	20 1	3 43	13 51	2 7	10 33	1 3	25 1	1 14	15 24	1 12	1 4	2 21	22 46	0 39	14 35	1 25	30 27	6 41	15 4	15 25	14 51			n.a.
T 17	5 35	19 13	4 24	14 25	2 11	10 28	0 53	25 4	1 16	15 21	1 12	1 1	2 21	22 45	0 39	14 34	1 25	30 28	6 41	15 5	15 24	14 50			n.a.
F 18	5 59	17 34	4 54	14 58	2 15	10 22	0 44	25 6	1 18	15 17	1 12	0 59	2 21	22 45	0 39	14 34	1 25	30 28	6 42	15 5	15 23	14 48			n.a.
S 19	6 23	15 11	5 10	15 30	2 18	10 15	0 35	25 8	1 20	15 14	1 13	0 56	2 21	22 45	0 39	14 33	1 25	30 28	6 42	15 4	15 22	14 46			n.a.
S 20	6 47	12 10	5 14	16 1	2 21	10 7	0 26	25 10	1 22	15 11	1 13	0 53	2 21	22 45	0 39	14 33	1 26	30 28	6 42	15 4	15 21	14 45			n.a.
M21	7 11	8 38	5 4	16 30	2 23	9 59	0 17	25 13	1 24	15 8	1 13	0 50	2 21	22 45	0 39	14 32	1 26	30 29	6 43	15 3	15 20	14 43			n.a.
T 22	7 34	4 43	4 40	16 59	2 25	9 50	0 8	25 15	1 26	15 5	1 13	0 48	2 21	22 45	0 39	14 32	1 26	30 29	6 43	15 2	15 19	14 41			n.a.
W23	7 58	0 32	4 3	17 25	2 27	9 40	0 0	25 17	1 28	15 2	1 14	0 45	2 21	22 45	0 39	14 32	1 26	30 29	6 43	15 1	15 18	14 40			n.a.
T 24	8 21	3s45	3 14	17 51	2 27	9 30	0n 8	25 19	1 30	14 59	1 14	0 42	2 22	22 45	0 39	14 31	1 26	30 29	6 43	15 0	15 17	14 38			n.a.
F 25	8 44	7 58	2 14	18 15	2 28	9 19	0 15	25 21	1 33	14 56	1 14	0 40	2 22	22 45	0 39	14 31	1 26	30 30	6 44	14 59	15 16	14 36			n.a.
S 26	9 7	11 53	1 5	18 37	2 27	9 7	0 23	25 24	1 35	14 53	1 14	0 37	2 22	22 44	0 39	14 30	1 26	30 30	6 44	14 58	15 15	14 35			n.a.
S 27	9 30	15 17	0n 8	18 57	2 26	8 55	0 30	25 26	1 37	14 50	1 14	0 34	2 22	22 44	0 39	14 30	1 26	30 30	6 44	14 58	15 14	14 33			n.a.
M28	9 53	17 55	1 21	19 15	2 25	8 42	0 37	25 28	1 39	14 47	1 15	0 32	2 22	22 44	0 39	14 29	1 26	30 30	6 44	14 59	15 13	14 31			n.a.
T 29	10 15	19 33	2 32	19 31	2 22	8 29	0 44	25 30	1 41	14 44	1 15	0 29	2 22	22 44	0 39	14 29	1 26	30 31	6 45	14 59	15 12	14 30			n.a.
W30	10 38	20 1	3 34	19 45	2 19	8 14	0 51	25 33	1 44	14 41	1 15	0 26	2 22	22 44	0 39	14 29	1 26	30 31	6 45	14 59	15 11	14 28			n.a.
T 31	11s 0	19s16	4n24	19s56	2s14	8n 0	0n57	25n35	1n46	14n38	1n15	0n24	2n22	22s44	0s39	14n28	1n26	30n31	6n45	15s 0	15s10	14n26			n.a.

Julian Day Number = 1348410.5, Delta T = 07h09m30s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'27, Lahiri = -18°03'27 Julian Calendar 1 Oct. 1022 BCE == Greg. Calendar 21 Sept. 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

NOVEMBER 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 59 54	29♎13'01	20♑22	19♏59	13♍ 2	0♋47	24♌57	4♎30	21♑21	25♌49	3°R22	9♏51	10♏20	4♌44	n.a.	F 1
S 2	2 3 51	0♏14'10	4♒33	20°42	13°57	0°55	25° 5	4°37	21°22	25°50	3♋21	9°R51	10°17	4°50	n.a.	S 2
S 3	2 7 47	1°15'20	18°46	21°19	14°52	1° 2	25°14	4°44	21°23	25°51	3°21	9°51	10°14	4°57	n.a.	S 3
M 4	2 11 44	2°16'29	2♓58	21°48	15°48	1° 9	25°22	4°50	21°24	25°52	3°20	9°50	10°11	5° 4	n.a.	M 4
T 5	2 15 40	3°17'39	17° 7	22° 8	16°44	1°15	25°30	4°57	21°26	25°53	3°20	9°49	10° 7	5°11	n.a.	T 5
W 6	2 19 37	4°18'50	1♈10	22°19	17°41	1°20	25°39	5° 3	21°27	25°54	3°19	9°48	10° 4	5°17	n.a.	W 6
T 7	2 23 33	5°20'01	15° 3	22°R20	18°39	1°24	25°47	5°10	21°28	25°55	3°18	9°48	10° 1	5°24	n.a.	T 7
F 8	2 27 30	6°21'13	28°43	22°10	19°37	1°28	25°54	5°16	21°30	25°56	3°18	9°48	9°58	5°31	n.a.	F 8
S 9	2 31 26	7°22'25	12♉ 8	21°48	20°36	1°31	26° 2	5°23	21°31	25°57	3°17	9°D48	9°55	5°37	n.a.	S 9
S 10	2 35 23	8°23'38	25°16	21°15	21°35	1°33	26°10	5°29	21°33	25°58	3°16	9°48	9°51	5°44	n.a.	S 10
M11	2 39 20	9°24'52	8♊ 6	20°31	22°35	1°34	26°17	5°35	21°34	25°59	3°16	9°R48	9°48	5°51	n.a.	M11
T 12	2 43 16	10°26'06	20°39	19°35	23°35	1°R35	26°25	5°41	21°36	26° 0	3°15	9°48	9°45	5°58	n.a.	T 12
W13	2 47 13	11°27'21	2♋57	18°30	24°35	1°35	26°32	5°48	21°37	26° 1	3°14	9°48	9°42	6° 4	n.a.	W13
T 14	2 51 9	12°28'36	15° 3	17°17	25°36	1°34	26°39	5°54	21°39	26° 2	3°13	9°47	9°39	6°11	n.a.	T 14
F 15	2 55 6	13°29'52	27° 0	15°59	26°38	1°33	26°46	6° 0	21°41	26° 3	3°13	9°47	9°36	6°18	n.a.	F 15
S 16	2 59 2	14°31'09	8♌52	14°37	27°40	1°30	26°53	6° 6	21°42	26° 3	3°12	9°47	9°32	6°25	n.a.	S 16
S 17	3 2 59	15°32'26	20°46	13°14	28°42	1°27	26°59	6°12	21°44	26° 4	3°11	9°D47	9°29	6°31	n.a.	S 17
M18	3 6 55	16°33'43	2♍44	11°54	29°45	1°23	27° 6	6°18	21°46	26° 5	3°10	9°47	9°26	6°38	n.a.	M18
T 19	3 10 52	17°35'01	14°51	10°39	0♎48	1°18	27°12	6°24	21°48	26° 6	3° 9	9°48	9°23	6°45	n.a.	T 19
W20	3 14 49	18°36'20	27°13	9°31	1°51	1°12	27°18	6°30	21°50	26° 6	3° 8	9°49	9°20	6°51	n.a.	W20
T 21	3 18 45	19°37'38	9♎52	8°32	2°55	1° 6	27°24	6°36	21°52	26° 7	3° 7	9°50	9°17	6°58	n.a.	T 21
F 22	3 22 42	20°38'57	22°51	7°42	3°59	0°59	27°30	6°41	21°54	26° 7	3° 6	9°50	9°13	7° 5	n.a.	F 22
S 23	3 26 38	21°40'17	6♏11	7° 3	5° 3	0°50	27°36	6°47	21°56	26° 8	3° 5	9°R51	9°10	7°12	n.a.	S 23
S 24	3 30 35	22°41'36	19°51	6°34	6° 8	0°41	27°42	6°53	21°58	26° 8	3° 4	9°51	9° 7	7°18	n.a.	S 24
M25	3 34 31	23°42'55	3♐49	6°15	7°13	0°31	27°47	6°58	22° 0	26° 9	3° 3	9°50	9° 4	7°25	n.a.	M25
T 26	3 38 28	24°44'14	18° 2	6°D 7	8°18	0°21	27°52	7° 4	22° 2	26° 9	3° 2	9°48	9° 1	7°32	n.a.	T 26
W27	3 42 25	25°45'33	2♑24	6° 8	9°23	0° 9	27°57	7° 9	22° 4	26°10	3° 1	9°46	8°57	7°39	n.a.	W27
T 28	3 46 21	26°46'52	16°50	6°17	10°29	29♊57	28° 2	7°15	22° 7	26°10	3° 0	9°44	8°54	7°45	n.a.	T 28
F 29	3 50 18	27°48'10	1♒15	6°35	11°35	29°44	28° 7	7°20	22° 9	26°10	2°59	9°42	8°51	7°52	n.a.	F 29
S 30	3 54 14	28♏49'28	15♒35	7♏ 0	12♎41	29♊30	28♌12	7♎25	22♑11	26♌11	2♋58	9♏40	8♏48	7♌59	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s22	17s19	4n59	20s 4	2s 8	7n45	1n 4	25n37	1n48	14n36	1n16	0n21	2n22	22s43	0s38	14n28	1n26	30n31	6n45	15s 0	15s 9	14n25		n.a.
S 2	11 44	14 19	5 15	20 10	2 2	7 29	1 10	25 39	1 51	14 33	1 16	0 18	2 22	22 43	0 38	14 27	1 26	30 32	6 46	15 0	15 8	14 23		n.a.
S 3	12 6	10 29	5 13	20 12	1 54	7 12	1 15	25 42	1 53	14 30	1 16	0 16	2 22	22 43	0 38	14 27	1 26	30 32	6 46	15 0	15 7	14 21		n.a.
M 4	12 27	6 3	4 51	20 11	1 44	6 56	1 21	25 44	1 56	14 28	1 16	0 13	2 22	22 43	0 38	14 27	1 26	30 32	6 46	14 59	15 6	14 20		n.a.
T 5	12 48	1 18	4 12	20 6	1 34	6 38	1 26	25 47	1 58	14 25	1 17	0 11	2 23	22 43	0 38	14 26	1 26	30 33	6 46	14 59	15 5	14 18		n.a.
W 6	13 9	3n30	3 18	19 57	1 21	6 20	1 32	25 49	2 0	14 22	1 17	0 8	2 23	22 42	0 38	14 26	1 26	30 33	6 47	14 59	15 4	14 16		n.a.
T 7	13 30	8 3	2 13	19 44	1 8	6 2	1 37	25 51	2 3	14 20	1 17	0 6	2 23	22 42	0 38	14 26	1 26	30 33	6 47	14 59	15 3	14 15		n.a.
F 8	13 51	12 8	1 1	19 27	0 53	5 43	1 41	25 54	2 5	14 17	1 17	0 3	2 23	22 42	0 38	14 25	1 26	30 33	6 47	14 59	15 2	14 13		n.a.
S 9	14 11	15 31	0s13	19 5	0 36	5 24	1 46	25 56	2 8	14 15	1 18	0 1	2 23	22 42	0 38	14 25	1 27	30 34	6 47	14 59	15 1	14 11		n.a.
S 10	14 31	18 0	1 25	18 39	0 18	5 4	1 50	25 59	2 11	14 13	1 18	0s 2	2 23	22 41	0 38	14 25	1 27	30 34	6 47	14 59	15 0	14 10		n.a.
M11	14 51	19 31	2 31	18 8	0n 1	4 44	1 54	26 1	2 13	14 10	1 18	0 4	2 23	22 41	0 38	14 25	1 27	30 34	6 48	14 59	14 59	14 8		n.a.
T 12	15 11	20 1	3 28	17 34	0 21	4 24	1 59	26 4	2 16	14 8	1 18	0 6	2 23	22 41	0 38	14 24	1 27	30 34	6 48	14 59	14 58	14 6		n.a.
W13	15 30	19 33	4 14	16 57	0 41	4 3	2 2	26 7	2 18	14 6	1 19	0 9	2 23	22 41	0 38	14 24	1 27	30 35	6 48	14 59	14 57	14 4		n.a.
T 14	15 49	18 11	4 48	16 17	1 2	3 42	2 6	26 9	2 21	14 3	1 19	0 11	2 24	22 40	0 38	14 24	1 27	30 35	6 48	14 59	14 56	14 3		n.a.
F 15	16 8	16 2	5 9	15 35	1 22	3 20	2 9	26 12	2 24	14 1	1 19	0 14	2 24	22 40	0 38	14 24	1 27	30 35	6 49	14 58	14 55	14 1		n.a.
S 16	16 27	13 13	5 17	14 52	1 41	2 58	2 13	26 15	2 26	13 59	1 19	0 16	2 24	22 40	0 38	14 23	1 27	30 35	6 49	14 58	14 54	13 59		n.a.
S 17	16 45	9 53	5 11	14 11	1 58	2 36	2 16	26 17	2 29	13 57	1 20	0 18	2 24	22 39	0 38	14 23	1 27	30 36	6 49	14 58	14 53	13 58		n.a.
M18	17 3	6 7	4 52	13 32	2 14	2 13	2 19	26 20	2 32	13 55	1 20	0 20	2 24	22 39	0 38	14 23	1 27	30 36	6 49	14 58	14 52	13 56		n.a.
T 19	17 21	2 4	4 20	12 55	2 28	1 50	2 22	26 23	2 34	13 53	1 20	0 23	2 24	22 39	0 38	14 23	1 27	30 36	6 50	14 59	14 51	13 54		n.a.
W20	17 38	2s 9	3 35	12 23	2 39	1 27	2 24	26 26	2 37	13 51	1 20	0 25	2 24	22 38	0 38	14 23	1 27	30 36	6 50	14 59	14 50	13 53		n.a.
T 21	17 55	6 23	2 39	11 55	2 48	1 4	2 27	26 28	2 40	13 49	1 21	0 27	2 25	22 38	0 38	14 23	1 27	30 36	6 50	14 59	14 49	13 51		n.a.
F 22	18 12	10 27	1 33	11 32	2 55	0 40	2 29	26 31	2 42	13 48	1 21	0 29	2 25	22 38	0 38	14 22	1 27	30 37	6 50	15 0	14 48	13 49		n.a.
S 23	18 28	14 6	0 20	11 15	3 0	0 16	2 31	26 34	2 45	13 46	1 21	0 31	2 25	22 37	0 38	14 22	1 27	30 37	6 50	15 0	14 47	13 47		n.a.
S 24	18 44	17 6	0n55	11 3	3 3	0s 8	2 33	26 37	2 48	13 44	1 22	0 33	2 25	22 37	0 38	14 22	1 27	30 37	6 51	15 0	14 46	13 46		n.a.
M25	19 0	19 8	2 9	10 56	3 4	0 33	2 35	26 39	2 51	13 43	1 22	0 36	2 25	22 37	0 38	14 22	1 27	30 37	6 51	14 59	14 44	13 44		n.a.
T 26	19 15	20 1	3 16	10 54	3 3	0 57	2 36	26 42	2 53	13 41	1 22	0 38	2 25	22 36	0 38	14 22	1 28	30 38	6 51	14 59	14 43	13 42		n.a.
W27	19 30	19 37	4 11	10 56	3 1	1 22	2 38	26 45	2 56	13 39	1 22	0 40	2 25	22 36	0 38	14 22	1 28	30 38	6 51	14 58	14 42	13 41		n.a.
T 28	19 45	17 56	4 51	11 2	2 58	1 47	2 39	26 47	2 59	13 38	1 23	0 42	2 26	22 35	0 38	14 22	1 28	30 38	6 51	14 57	14 41	13 39		n.a.
F 29	19 59	15 7	5 12	11 12	2 53	2 12	2 40	26 50	3 1	13 37	1 23	0 44	2 26	22 35	0 38	14 22	1 28	30 38	6 52	14 57	14 40	13 37		n.a.
S 30	20s13	11s25	5n14	11s25	2n48	2s37	2n41	26n53	3n 4	13n35	1n23	0s46	2n26	22s35	0s38	14n22	1n28	30n38	6n52	14s56	14s39	13n35		n.a.

Julian Day Number = 1348441.5, Delta T = 07h09m29s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'23, Lahiri = -18°03'22 Julian Calendar 1 Nov. 1022 BCE == Greg. Calendar 22 Oct. 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1022 BCE
geocentric

DECEMBER 1022 BCE (-1021) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 58 11	29♏50'44	29♒46	7♏31	13♎48	29°R16	28♌16	7♎31	22♑14	26♌11	2°R57	9°D40	8♏45	8♌ 5	n.a.	S 1
M 2	4 2 7	0♐52'01	13♓47	8° 9	14°54	29♊ 0	28°20	7°36	22°16	26°11	2♋56	9♏40	8°42	8°12	n.a.	M 2
T 3	4 6 4	1°53'16	27°36	8°51	16° 1	28°44	28°24	7°41	22°19	26°11	2°55	9°42	8°38	8°19	n.a.	T 3
W 4	4 10 0	2°54'31	11♈13	9°39	17° 8	28°28	28°28	7°46	22°21	26°11	2°53	9°43	8°35	8°26	n.a.	W 4
T 5	4 13 57	3°55'45	24°37	10°31	18°16	28°10	28°32	7°51	22°24	26°12	2°52	9°45	8°32	8°32	n.a.	T 5
F 6	4 17 54	4°56'58	7♉50	11°27	19°23	27°52	28°35	7°56	22°26	26°12	2°51	9°R45	8°29	8°39	n.a.	F 6
S 7	4 21 50	5°58'11	20°51	12°26	20°31	27°33	28°39	8° 0	22°29	26°12	2°50	9°45	8°26	8°46	n.a.	S 7
S 8	4 25 47	6°59'23	3♊39	13°28	21°39	27°14	28°42	8° 5	22°31	26°R12	2°49	9°43	8°23	8°52	n.a.	S 8
M 9	4 29 43	8° 0'35	16°16	14°33	22°47	26°54	28°45	8°10	22°34	26°12	2°47	9°40	8°19	8°59	n.a.	M 9
T 10	4 33 40	9° 1'46	28°40	15°40	23°55	26°34	28°48	8°14	22°37	26°12	2°46	9°35	8°16	9° 6	n.a.	T 10
W11	4 37 36	10° 2'56	10♋54	16°50	25° 3	26°13	28°50	8°19	22°39	26°12	2°45	9°29	8°13	9°13	n.a.	W11
T 12	4 41 33	11° 4'06	22°58	18° 1	26°12	25°51	28°53	8°23	22°42	26°11	2°43	9°23	8°10	9°19	n.a.	T 12
F 13	4 45 30	12° 5'15	4♌54	19°15	27°21	25°29	28°55	8°28	22°45	26°11	2°42	9°18	8° 7	9°26	n.a.	F 13
S 14	4 49 26	13° 6'24	16°47	20°30	28°30	25° 7	28°57	8°32	22°48	26°11	2°41	9°14	8° 3	9°33	n.a.	S 14
S 15	4 53 23	14° 7'31	28°38	21°47	29°39	24°44	28°59	8°36	22°51	26°11	2°40	9°11	8° 0	9°40	n.a.	S 15
M16	4 57 19	15° 8'39	10♍34	23° 5	0♏48	24°21	29° 1	8°40	22°53	26°11	2°38	9°D 9	7°57	9°46	n.a.	M16
T 17	5 1 16	16° 9'45	22°39	24°24	1°57	23°58	29° 2	8°44	22°56	26°10	2°37	9° 9	7°54	9°53	n.a.	T 17
W18	5 5 12	17°10'51	4♎57	25°45	3° 7	23°34	29° 4	8°48	22°59	26°10	2°36	9°10	7°51	10° 0	n.a.	W18
T 19	5 9 9	18°11'56	17°34	27° 6	4°16	23°10	29° 5	8°52	23° 2	26°10	2°34	9°12	7°48	10° 6	n.a.	T 19
F 20	5 13 5	19°13'01	0♏33	28°29	5°26	22°46	29° 6	8°56	23° 5	26° 9	2°33	9°13	7°44	10°13	n.a.	F 20
S 21	5 17 2	20°14'04	13°58	29°53	6°36	22°22	29° 6	9° 0	23° 8	26° 9	2°31	9°R14	7°41	10°20	n.a.	S 21
S 22	5 20 59	21°15'07	27°49	1♐17	7°46	21°58	29° 7	9° 3	23°11	26° 8	2°30	9°12	7°38	10°27	n.a.	S 22
M23	5 24 55	22°16'09	12♐ 5	2°43	8°56	21°34	29° 7	9° 7	23°14	26° 8	2°29	9° 8	7°35	10°33	n.a.	M23
T 24	5 28 52	23°17'10	26°42	4° 9	10° 6	21°10	29°R 8	9°10	23°17	26° 7	2°27	9° 3	7°32	10°40	n.a.	T 24
W25	5 32 48	24°18'09	11♑32	5°37	11°16	20°46	29° 8	9°14	23°20	26° 7	2°26	8°56	7°28	10°47	n.a.	W25
T 26	5 36 45	25°19'07	26°28	7° 5	12°27	20°22	29° 7	9°17	23°24	26° 6	2°24	8°48	7°25	10°54	n.a.	T 26
F 27	5 40 41	26°20'04	11♒20	8°34	13°37	19°59	29° 7	9°20	23°27	26° 6	2°23	8°41	7°22	11° 0	n.a.	F 27
S 28	5 44 38	27°20'59	26° 0	10° 4	14°48	19°35	29° 6	9°23	23°30	26° 5	2°22	8°36	7°19	11° 7	n.a.	S 28
S 29	5 48 34	28°21'52	10♓24	11°34	15°58	19°12	29° 6	9°26	23°33	26° 4	2°20	8°32	7°16	11°14	n.a.	S 29
M30	5 52 31	29°22'44	24°27	13° 5	17° 9	18°49	29° 5	9°29	23°36	26° 4	2°19	8°D31	7°13	11°20	n.a.	M30
T 31	5 56 28	0♑23'34	8♈10	14♐37	18♏20	18♊27	29♌ 4	9♎32	23♑40	26♌ 3	2♋17	8♏31	7♏ 9	11♌27	n.a.	T 31

Day	☉	☽			☿			♀			♂			♃			♄			♅			♆			♇			☊		☊		⚸		⚷		
	decl	decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl	lat		decl		decl		decl		decl	lat
S 1	20s26	7s 7	4n56		11s41	2n42		3s 3	2n42		26n55	3n 6		13n34	1n24		0s48	2n26		22s34	0s38		14n22	1n28		30n39	6n52		14s56		14s38		13n34			n.a.
M 2	20 39	2 28	4 21		11 59	2 36		3 28	2 43		26 58	3 9		13 33	1 24		0 49	2 26		22 34	0 38		14 22	1 28		30 39	6 52		14 56		14 37		13 32			n.a.
T 3	20 52	2n15	3 32		12 19	2 29		3 54	2 43		27 0	3 12		13 32	1 24		0 51	2 26		22 33	0 38		14 22	1 28		30 39	6 52		14 57		14 36		13 30			n.a.
W 4	21 4	6 48	2 31		12 42	2 22		4 19	2 44		27 2	3 14		13 31	1 25		0 53	2 27		22 33	0 38		14 22	1 28		30 39	6 52		14 57		14 35		13 28			n.a.
T 5	21 16	10 58	1 22		13 5	2 14		4 45	2 44		27 5	3 17		13 30	1 25		0 55	2 27		22 32	0 38		14 22	1 28		30 40	6 53		14 58		14 34		13 27			n.a.
F 6	21 27	14 30	0 11		13 30	2 6		5 11	2 44		27 7	3 19		13 29	1 25		0 57	2 27		22 32	0 38		14 22	1 28		30 40	6 53		14 58		14 33		13 25			n.a.
S 7	21 38	17 16	1s 1		13 56	1 58		5 36	2 44		27 9	3 21		13 28	1 25		0 59	2 27		22 32	0 38		14 22	1 28		30 40	6 53		14 58		14 32		13 23			n.a.
S 8	21 49	19 8	2 7		14 23	1 50		6 2	2 44		27 11	3 24		13 27	1 26		1 0	2 27		22 31	0 38		14 22	1 28		30 40	6 53		14 57		14 31		13 22			n.a.
M 9	21 59	20 0	3 7		14 50	1 42		6 28	2 44		27 13	3 26		13 26	1 26		1 2	2 28		22 31	0 38		14 22	1 28		30 40	6 53		14 56		14 30		13 20			n.a.
T 10	22 9	19 52	3 56		15 18	1 33		6 54	2 44		27 14	3 28		13 25	1 26		1 4	2 28		22 30	0 38		14 22	1 28		30 40	6 53		14 54		14 29		13 18			n.a.
W11	22 18	18 48	4 34		15 47	1 25		7 19	2 43		27 16	3 30		13 25	1 27		1 5	2 28		22 30	0 38		14 22	1 28		30 41	6 54		14 53		14 28		13 16			n.a.
T 12	22 27	16 55	4 59		16 15	1 16		7 45	2 43		27 17	3 32		13 24	1 27		1 7	2 28		22 29	0 38		14 22	1 28		30 41	6 54		14 51		14 27		13 15			n.a.
F 13	22 36	14 19	5 11		16 44	1 8		8 11	2 42		27 19	3 35		13 24	1 27		1 8	2 28		22 29	0 38		14 22	1 29		30 41	6 54		14 49		14 26		13 13			n.a.
S 14	22 44	11 9	5 9		17 12	0 59		8 36	2 41		27 20	3 36		13 23	1 28		1 10	2 29		22 28	0 38		14 22	1 29		30 41	6 54		14 48		14 25		13 11			n.a.
S 15	22 51	7 32	4 54		17 41	0 51		9 2	2 40		27 21	3 38		13 23	1 28		1 11	2 29		22 28	0 38		14 22	1 29		30 41	6 54		14 47		14 24		13 9			n.a.
M16	22 58	3 37	4 26		18 9	0 42		9 27	2 39		27 21	3 40		13 22	1 28		1 13	2 29		22 27	0 37		14 23	1 29		30 42	6 54		14 46		14 23		13 8			n.a.
T 17	23 5	0s30	3 46		18 37	0 34		9 52	2 38		27 22	3 42		13 22	1 29		1 14	2 29		22 27	0 37		14 23	1 29		30 42	6 54		14 46		14 22		13 6			n.a.
W18	23 11	4 40	2 56		19 4	0 26		10 18	2 37		27 23	3 44		13 22	1 29		1 16	2 30		22 26	0 37		14 23	1 29		30 42	6 55		14 47		14 21		13 4			n.a.
T 19	23 17	8 46	1 55		19 32	0 18		10 43	2 35		27 23	3 45		13 22	1 29		1 17	2 30		22 26	0 37		14 23	1 29		30 42	6 55		14 47		14 20		13 2			n.a.
F 20	23 22	12 34	0 47		19 58	0 10		11 7	2 34		27 23	3 47		13 22	1 30		1 18	2 30		22 25	0 37		14 23	1 29		30 42	6 55		14 48		14 19		13 1			n.a.
S 21	23 27	15 52	0n26		20 24	0 2		11 32	2 32		27 23	3 48		13 22	1 30		1 20	2 30		22 25	0 37		14 23	1 29		30 42	6 55		14 48		14 17		12 59			n.a.
S 22	23 31	18 22	1 39		20 50	0s 5		11 57	2 31		27 23	3 49		13 22	1 30		1 21	2 30		22 24	0 37		14 24	1 29		30 42	6 55		14 47		14 16		12 57			n.a.
M23	23 35	19 49	2 48		21 14	0 13		12 21	2 29		27 22	3 50		13 22	1 31		1 22	2 31		22 24	0 37		14 24	1 29		30 43	6 55		14 46		14 15		12 55			n.a.
T 24	23 38	19 58	3 48		21 38	0 20		12 45	2 27		27 22	3 52		13 22	1 31		1 23	2 31		22 23	0 37		14 24	1 29		30 43	6 55		14 44		14 14		12 54			n.a.
W25	23 41	18 46	4 34		22 1	0 27		13 9	2 25		27 21	3 53		13 23	1 31		1 24	2 31		22 22	0 37		14 24	1 29		30 43	6 55		14 42		14 13		12 52			n.a.
T 26	23 44	16 16	5 1		22 24	0 34		13 32	2 23		27 20	3 53		13 23	1 31		1 25	2 31		22 22	0 37		14 25	1 29		30 43	6 56		14 39		14 12		12 50			n.a.
F 27	23 46	12 44	5 7		22 45	0 41		13 56	2 21		27 19	3 54		13 24	1 32		1 26	2 32		22 21	0 37		14 25	1 29		30 43	6 56		14 37		14 11		12 48			n.a.
S 28	23 47	8 27	4 54		23 5	0 47		14 19	2 19		27 18	3 55		13 24	1 32		1 27	2 32		22 21	0 37		14 25	1 29		30 43	6 56		14 35		14 10		12 46			n.a.
S 29	23 48	3 45	4 22		23 25	0 54		14 42	2 17		27 17	3 56		13 25	1 32		1 28	2 32		22 20	0 37		14 25	1 29		30 43	6 56		14 34		14 9		12 45			n.a.
M30	23 49	1n 2	3 34		23 43	1 0		15 4	2 15		27 15	3 56		13 25	1 33		1 29	2 32		22 20	0 37		14 26	1 29		30 43	6 56		14 34		14 8		12 43			n.a.
T 31	23s49	5n40	2n36		24s 0	1s 6		15s26	2n12		27n14	3n56		13n26	1n33		1s30	2n32		22s19	0s37		14n26	1n30		30n44	6n56		14s34		14s 7		12n41			n.a.

Julian Day Number = 1348471.5, Delta T = 07h09m27s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'19, Lahiri = -18°03'18 Julian Calendar 1 Dec. 1022 BCE == Greg. Calendar 21 Nov. 1022 BCE

The year -1021 astronomical counting style corresponds to year 1022 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

JANUARY 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 0 24	1♉24'22	21♈34	16♐10	19♏30	18°R 5	29°R 2	9♎35	23♉43	26°R 2	2°R16	8♏32	7♏ 6	11♌34	n.a.	W 1
T 2	6 4 21	2°25'09	4♉41	17°44	20°41	17♊43	29♌ 1	9°37	23°46	26♌ 1	2♋15	8°R32	7° 3	11°41	n.a.	T 2
F 3	6 8 17	3°25'53	17°33	19°18	21°52	17°22	28°59	9°40	23°49	26° 1	2°13	8°32	7° 0	11°47	n.a.	F 3
S 4	6 12 14	4°26'36	0♊13	20°53	23° 3	17° 1	28°57	9°42	23°53	26° 0	2°12	8°30	6°57	11°54	n.a.	S 4
S 5	6 16 10	5°27'18	12°42	22°29	24°15	16°41	28°55	9°45	23°56	25°59	2°10	8°25	6°54	12° 1	n.a.	S 5
M 6	6 20 7	6°27'58	25° 2	24° 6	25°26	16°22	28°53	9°47	23°59	25°58	2° 9	8°17	6°50	12° 8	n.a.	M 6
T 7	6 24 4	7°28'36	7♋15	25°44	26°37	16° 3	28°50	9°49	24° 2	25°57	2° 8	8° 7	6°47	12°14	n.a.	T 7
W 8	6 28 0	8°29'12	19°20	27°22	27°48	15°44	28°47	9°51	24° 6	25°56	2° 6	7°55	6°44	12°21	n.a.	W 8
T 9	6 31 57	9°29'47	1♌19	29° 2	29° 0	15°27	28°45	9°53	24° 9	25°55	2° 5	7°43	6°41	12°28	n.a.	T 9
F 10	6 35 53	10°30'21	13°13	0♉42	0♐11	15°10	28°42	9°55	24°13	25°54	2° 3	7°31	6°38	12°34	n.a.	F 10
S 11	6 39 50	11°30'52	25° 5	2°23	1°23	14°53	28°38	9°57	24°16	25°53	2° 2	7°21	6°34	12°41	n.a.	S 11
S 12	6 43 46	12°31'22	6♍56	4° 5	2°34	14°38	28°35	9°59	24°19	25°52	2° 1	7°12	6°31	12°48	n.a.	S 12
M13	6 47 43	13°31'51	18°51	5°48	3°46	14°23	28°31	10° 0	24°23	25°51	1°59	7° 7	6°28	12°55	n.a.	M13
T 14	6 51 39	14°32'18	0♎53	7°32	4°57	14° 9	28°28	10° 2	24°26	25°50	1°58	7° 4	6°25	13° 1	n.a.	T 14
W15	6 55 36	15°32'43	13° 7	9°16	6° 9	13°55	28°24	10° 3	24°29	25°49	1°56	7°D 3	6°22	13° 8	n.a.	W15
T 16	6 59 32	16°33'07	25°38	11° 2	7°21	13°43	28°20	10° 4	24°33	25°47	1°55	7° 3	6°19	13°15	n.a.	T 16
F 17	7 3 29	17°33'30	8♏32	12°49	8°33	13°31	28°16	10° 6	24°36	25°46	1°54	7°R 3	6°15	13°21	n.a.	F 17
S 18	7 7 26	18°33'50	21°52	14°36	9°44	13°20	28°11	10° 7	24°40	25°45	1°52	7° 2	6°12	13°28	n.a.	S 18
S 19	7 11 22	19°34'10	5♐41	16°25	10°56	13° 9	28° 7	10° 8	24°43	25°44	1°51	6°59	6° 9	13°35	n.a.	S 19
M20	7 15 19	20°34'27	19°59	18°15	12° 8	13° 0	28° 2	10° 8	24°47	25°42	1°50	6°54	6° 6	13°42	n.a.	M20
T 21	7 19 15	21°34'43	4♑44	20° 5	13°20	12°51	27°57	10° 9	24°50	25°41	1°48	6°45	6° 3	13°48	n.a.	T 21
W22	7 23 12	22°34'57	19°49	21°57	14°32	12°43	27°52	10°10	24°53	25°40	1°47	6°35	6° 0	13°55	n.a.	W22
T 23	7 27 8	23°35'09	5♒ 5	23°49	15°44	12°36	27°47	10°11	24°57	25°39	1°46	6°24	5°56	14° 2	n.a.	T 23
F 24	7 31 5	24°35'19	20°19	25°42	16°56	12°30	27°41	10°11	25° 0	25°37	1°44	6°13	5°53	14° 9	n.a.	F 24
S 25	7 35 2	25°35'27	5♓21	27°36	18° 8	12°24	27°36	10°11	25° 4	25°36	1°43	6° 4	5°50	14°15	n.a.	S 25
S 26	7 38 58	26°35'32	20° 3	29°31	19°21	12°19	27°30	10°12	25° 7	25°34	1°42	5°57	5°47	14°22	n.a.	S 26
M27	7 42 55	27°35'36	4♈20	1♒26	20°33	12°15	27°25	10°12	25°11	25°33	1°41	5°53	5°44	14°29	n.a.	M27
T 28	7 46 51	28°35'36	18°10	3°22	21°45	12°12	27°19	10°R12	25°14	25°32	1°39	5°52	5°40	14°35	n.a.	T 28
W29	7 50 48	29°35'35	1♉34	5°19	22°57	12°10	27°13	10°12	25°18	25°30	1°38	5°52	5°37	14°42	n.a.	W29
T 30	7 54 44	0♒35'31	14°36	7°16	24° 9	12° 8	27° 6	10°12	25°21	25°29	1°37	5°52	5°34	14°49	n.a.	T 30
F 31	7 58 41	1♒35'25	27♉19	9♒12	25♐21	12♊ 7	27♌ 0	10♎11	25♉24	25♌27	1♋36	5♏50	5♏31	14♌56	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s48	9n55	1n30	24s16	1s11	15s48	2n10	27n12	3n57	13n27	1n33	1s31	2n33	22s19	0s37	14n26	1n30	30n44	6n56	14s34	14s 6	12n39		n.a.
T 2	23 48	13 37	0 21	24 31	1 17	16 10	2 7	27 10	3 57	13 28	1 34	1 32	2 33	22 18	0 37	14 27	1 30	30 44	6 56	14 34	14 5	12 38		n.a.
F 3	23 46	16 34	0s48	24 44	1 22	16 31	2 5	27 8	3 57	13 28	1 34	1 33	2 33	22 17	0 37	14 27	1 30	30 44	6 56	14 34	14 4	12 36		n.a.
S 4	23 44	18 40	1 53	24 56	1 27	16 51	2 2	27 6	3 57	13 29	1 34	1 33	2 33	22 17	0 37	14 27	1 30	30 44	6 56	14 33	14 3	12 34		n.a.
S 5	23 42	19 50	2 52	25 7	1 31	17 12	2 0	27 4	3 57	13 30	1 35	1 34	2 34	22 16	0 37	14 28	1 30	30 44	6 56	14 32	14 2	12 32		n.a.
M 6	23 39	20 1	3 42	25 16	1 36	17 32	1 57	27 2	3 57	13 32	1 35	1 35	2 34	22 16	0 37	14 28	1 30	30 44	6 56	14 29	14 1	12 30		n.a.
T 7	23 36	19 16	4 21	25 24	1 40	17 51	1 54	27 0	3 57	13 33	1 35	1 36	2 34	22 15	0 37	14 28	1 30	30 44	6 57	14 26	14 0	12 29		n.a.
W 8	23 32	17 39	4 47	25 31	1 43	18 11	1 51	26 57	3 57	13 34	1 35	1 36	2 34	22 14	0 37	14 29	1 30	30 44	6 57	14 22	13 59	12 27		n.a.
T 9	23 28	15 17	5 1	25 36	1 47	18 29	1 48	26 55	3 56	13 35	1 36	1 37	2 35	22 14	0 37	14 29	1 30	30 44	6 57	14 18	13 57	12 25		n.a.
F 10	23 23	12 18	5 1	25 39	1 50	18 47	1 45	26 53	3 56	13 37	1 36	1 37	2 35	22 13	0 37	14 30	1 30	30 45	6 57	14 14	13 56	12 23		n.a.
S 11	23 18	8 50	4 49	25 40	1 53	19 5	1 42	26 50	3 55	13 38	1 36	1 38	2 35	22 13	0 37	14 30	1 30	30 45	6 57	14 11	13 55	12 22		n.a.
S 12	23 13	5 2	4 24	25 40	1 55	19 23	1 39	26 48	3 55	13 39	1 37	1 38	2 35	22 12	0 37	14 30	1 30	30 45	6 57	14 8	13 54	12 20		n.a.
M13	23 7	1 0	3 47	25 38	1 57	19 39	1 36	26 45	3 54	13 41	1 37	1 38	2 36	22 11	0 37	14 31	1 30	30 45	6 57	14 6	13 53	12 18		n.a.
T 14	23 0	3s 6	3 0	25 34	1 59	19 56	1 33	26 43	3 53	13 42	1 37	1 39	2 36	22 11	0 37	14 31	1 30	30 45	6 57	14 5	13 52	12 16		n.a.
W15	22 54	7 9	2 4	25 29	2 0	20 12	1 30	26 41	3 53	13 44	1 37	1 39	2 36	22 10	0 37	14 32	1 30	30 45	6 57	14 5	13 51	12 14		n.a.
T 16	22 46	11 0	1 0	25 21	2 0	20 27	1 27	26 38	3 52	13 46	1 38	1 39	2 36	22 10	0 37	14 32	1 30	30 45	6 57	14 5	13 50	12 13		n.a.
F 17	22 38	14 27	0n 8	25 11	2 1	20 42	1 24	26 36	3 51	13 48	1 38	1 40	2 37	22 9	0 37	14 33	1 30	30 45	6 57	14 5	13 49	12 11		n.a.
S 18	22 30	17 16	1 18	25 0	2 1	20 56	1 21	26 33	3 50	13 49	1 38	1 40	2 37	22 8	0 37	14 33	1 30	30 45	6 57	14 5	13 48	12 9		n.a.
S 19	22 22	19 12	2 26	24 46	2 0	21 9	1 17	26 31	3 49	13 51	1 39	1 40	2 37	22 8	0 37	14 33	1 30	30 45	6 57	14 4	13 47	12 7		n.a.
M20	22 13	20 0	3 27	24 31	1 59	21 23	1 14	26 29	3 48	13 53	1 39	1 40	2 37	22 7	0 37	14 34	1 30	30 45	6 57	14 2	13 46	12 5		n.a.
T 21	22 3	19 28	4 16	24 13	1 57	21 35	1 11	26 27	3 47	13 55	1 39	1 40	2 38	22 6	0 37	14 34	1 31	30 45	6 57	13 59	13 45	12 4		n.a.
W22	21 53	17 34	4 48	23 53	1 55	21 47	1 8	26 25	3 46	13 57	1 39	1 40	2 38	22 6	0 37	14 35	1 31	30 45	6 57	13 56	13 44	12 2		n.a.
T 23	21 43	14 26	5 1	23 32	1 53	21 58	1 4	26 22	3 45	13 59	1 40	1 40	2 38	22 5	0 37	14 35	1 31	30 45	6 57	13 52	13 43	12 0		n.a.
F 24	21 32	10 20	4 52	23 8	1 49	22 9	1 1	26 20	3 44	14 1	1 40	1 40	2 39	22 5	0 37	14 36	1 31	30 45	6 57	13 48	13 41	11 58		n.a.
S 25	21 21	5 37	4 23	22 41	1 46	22 19	0 58	26 19	3 42	14 3	1 40	1 40	2 39	22 4	0 37	14 36	1 31	30 45	6 57	13 45	13 40	11 56		n.a.
S 26	21 10	0 41	3 37	22 13	1 41	22 29	0 54	26 17	3 41	14 6	1 40	1 40	2 39	22 3	0 37	14 37	1 31	30 45	6 57	13 43	13 39	11 55		n.a.
M27	20 58	4n10	2 38	21 43	1 36	22 37	0 51	26 15	3 40	14 8	1 41	1 40	2 39	22 3	0 37	14 37	1 31	30 45	6 57	13 42	13 38	11 53		n.a.
T 28	20 46	8 39	1 32	21 10	1 31	22 46	0 48	26 13	3 39	14 10	1 41	1 40	2 40	22 2	0 37	14 38	1 31	30 45	6 57	13 41	13 37	11 51		n.a.
W29	20 33	12 34	0 23	20 36	1 24	22 53	0 44	26 12	3 37	14 12	1 41	1 39	2 40	22 1	0 37	14 38	1 31	30 45	6 57	13 41	13 36	11 49		n.a.
T 30	20 20	15 44	0s46	19 59	1 17	23 0	0 41	26 10	3 36	14 15	1 41	1 39	2 40	22 1	0 37	14 39	1 31	30 45	6 57	13 41	13 35	11 47		n.a.
F 31	20s 7	18n 4	1s51	19s21	1s10	23s 6	0n38	26n 9	3n35	14n17	1n41	1s39	2n40	22s 0	0s37	14n40	1n31	30n45	6n57	13s40	13s34	11n46		n.a.

Julian Day Number = 1348502.5, Delta T = 07h09m26s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'15, Lahiri = -18°03'14 Julian Calendar 1 Jan. 1021 BCE == Greg. Calendar 22 Dec. 1022 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

FEBRUARY 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 2 37	2♒35'17	9♊47	11♒ 9	26♐34	12°D 7	26°R54	10°R11	25♉28	25°R26	1°R34	5°R47	5♏28	15♌ 2	n.a.	S 1
S 2	8 6 34	3°35'06	22° 3	13° 5	27°46	12♊ 8	26♌47	10♎11	25°31	25♌24	1♋33	5♏40	5°25	15° 9	n.a.	S 2
M 3	8 10 30	4°34'53	4♋11	15° 1	28°58	12° 9	26°41	10°10	25°35	25°23	1°32	5°31	5°21	15°16	n.a.	M 3
T 4	8 14 27	5°34'38	16°13	16°56	0♉11	12°11	26°34	10°10	25°38	25°21	1°31	5°19	5°18	15°23	n.a.	T 4
W 5	8 18 24	6°34'20	28°10	18°49	1°23	12°14	26°27	10° 9	25°41	25°20	1°30	5° 5	5°15	15°29	n.a.	W 5
T 6	8 22 20	7°34'00	10♌ 4	20°41	2°35	12°18	26°20	10° 8	25°45	25°18	1°29	4°50	5°12	15°36	n.a.	T 6
F 7	8 26 17	8°33'38	21°57	22°30	3°48	12°22	26°13	10° 7	25°48	25°17	1°28	4°36	5° 9	15°43	n.a.	F 7
S 8	8 30 13	9°33'14	3♍49	24°17	5° 0	12°27	26° 6	10° 6	25°52	25°15	1°27	4°23	5° 6	15°49	n.a.	S 8
S 9	8 34 10	10°32'48	15°43	26° 0	6°13	12°32	25°59	10° 5	25°55	25°14	1°26	4°13	5° 2	15°56	n.a.	S 9
M10	8 38 6	11°32'20	27°40	27°41	7°25	12°38	25°52	10° 4	25°58	25°12	1°25	4° 5	4°59	16° 3	n.a.	M10
T 11	8 42 3	12°31'50	9♎44	29°17	8°38	12°45	25°45	10° 2	26° 2	25°10	1°23	4° 1	4°56	16°10	n.a.	T 11
W12	8 45 59	13°31'18	21°58	0♓48	9°50	12°52	25°37	10° 1	26° 5	25° 9	1°22	3°59	4°53	16°16	n.a.	W12
T 13	8 49 56	14°30'44	4♏28	2°15	11° 3	13° 0	25°30	10° 0	26° 8	25° 7	1°22	3°D58	4°50	16°23	n.a.	T 13
F 14	8 53 52	15°30'08	17°17	3°36	12°15	13° 9	25°22	9°58	26°12	25° 6	1°21	3°R58	4°46	16°30	n.a.	F 14
S 15	8 57 49	16°29'30	0♐30	4°52	13°28	13°18	25°15	9°56	26°15	25° 4	1°20	3°58	4°43	16°36	n.a.	S 15
S 16	9 1 46	17°28'51	14°10	6° 1	14°40	13°28	25° 7	9°54	26°18	25° 2	1°19	3°55	4°40	16°43	n.a.	S 16
M17	9 5 42	18°28'10	28°20	7° 4	15°53	13°38	25° 0	9°53	26°21	25° 1	1°18	3°50	4°37	16°50	n.a.	M17
T 18	9 9 39	19°27'26	12♑58	8° 1	17° 5	13°49	24°52	9°51	26°25	24°59	1°17	3°43	4°34	16°57	n.a.	T 18
W19	9 13 35	20°26'41	27°59	8°50	18°18	14° 1	24°44	9°49	26°28	24°57	1°16	3°34	4°31	17° 3	n.a.	W19
T 20	9 17 32	21°25'54	13♒15	9°32	19°31	14°13	24°36	9°46	26°31	24°56	1°15	3°23	4°27	17°10	n.a.	T 20
F 21	9 21 28	22°25'04	28°35	10° 7	20°43	14°25	24°29	9°44	26°34	24°54	1°14	3°13	4°24	17°17	n.a.	F 21
S 22	9 25 25	23°24'12	13♓48	10°35	21°56	14°38	24°21	9°42	26°37	24°52	1°14	3° 4	4°21	17°24	n.a.	S 22
S 23	9 29 21	24°23'18	28°42	10°55	23° 9	14°52	24°13	9°40	26°41	24°51	1°13	2°57	4°18	17°30	n.a.	S 23
M24	9 33 18	25°22'21	13♈12	11° 8	24°21	15° 6	24° 6	9°37	26°44	24°49	1°12	2°54	4°15	17°37	n.a.	M24
T 25	9 37 15	26°21'22	27°14	11°R14	25°34	15°21	23°58	9°34	26°47	24°48	1°11	2°D52	4°12	17°44	n.a.	T 25
W26	9 41 11	27°20'21	10♉46	11°12	26°47	15°36	23°50	9°32	26°50	24°46	1°11	2°52	4° 8	17°50	n.a.	W26
T 27	9 45 8	28°19'17	23°53	11° 4	27°59	15°51	23°42	9°29	26°53	24°44	1°10	2°R53	4° 5	17°57	n.a.	T 27
F 28	9 49 4	29°18'11	6♊36	10°49	29°12	16° 7	23°35	9°26	26°56	24°43	1° 9	2°53	4° 2	18° 4	n.a.	F 28
S 29	9 53 1	0♓17'02	19♊ 2	10♓28	0♒25	16♊24	23♌27	9♎23	26♉59	24♌41	1♋ 9	2♏51	3♏59	18♌11	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s53	19n29	2s49	18s41	1s 2	23s12	0n34	26n 7	3n33	14n20	1n42	1s38	2n41	21s59	0s37	14n40	1n31	30n45	6n57	13s39	13s33	11n44		n.a.
S 2	19 39	19 57	3 38	17 59	0 53	23 17	0 31	26 6	3 32	14 22	1 42	1 38	2 41	21 59	0 37	14 41	1 31	30 45	6 57	13 37	13 32	11 42		n.a.
M 3	19 25	19 28	4 16	17 16	0 43	23 21	0 28	26 5	3 31	14 25	1 42	1 38	2 41	21 58	0 37	14 41	1 31	30 45	6 57	13 34	13 31	11 40		n.a.
T 4	19 10	18 8	4 43	16 32	0 33	23 24	0 25	26 4	3 29	14 27	1 42	1 37	2 41	21 58	0 37	14 42	1 31	30 45	6 57	13 30	13 30	11 38		n.a.
W 5	18 55	16 0	4 57	15 46	0 22	23 27	0 21	26 3	3 28	14 30	1 42	1 37	2 42	21 57	0 37	14 42	1 31	30 45	6 57	13 25	13 29	11 36		n.a.
T 6	18 40	13 13	4 58	15 0	0 11	23 29	0 18	26 2	3 26	14 32	1 42	1 36	2 42	21 56	0 37	14 43	1 31	30 45	6 57	13 20	13 28	11 35		n.a.
F 7	18 24	9 54	4 46	14 13	0n 1	23 31	0 15	26 1	3 25	14 35	1 43	1 35	2 42	21 56	0 37	14 43	1 31	30 45	6 57	13 15	13 26	11 33		n.a.
S 8	18 8	6 12	4 21	13 26	0 13	23 32	0 12	26 0	3 23	14 37	1 43	1 35	2 42	21 55	0 37	14 44	1 31	30 45	6 57	13 11	13 25	11 31		n.a.
S 9	17 52	2 16	3 45	12 39	0 26	23 32	0 8	26 0	3 22	14 40	1 43	1 34	2 42	21 54	0 37	14 44	1 31	30 45	6 57	13 7	13 24	11 29		n.a.
M10	17 36	1s47	2 59	11 52	0 39	23 31	0 5	25 59	3 21	14 43	1 43	1 33	2 43	21 54	0 37	14 45	1 31	30 45	6 57	13 5	13 23	11 27		n.a.
T 11	17 19	5 49	2 4	11 6	0 52	23 30	0 2	25 58	3 19	14 45	1 43	1 33	2 43	21 53	0 37	14 46	1 31	30 45	6 57	13 3	13 22	11 26		n.a.
W12	17 1	9 40	1 3	10 20	1 6	23 28	0s 1	25 58	3 18	14 48	1 43	1 32	2 43	21 53	0 37	14 46	1 31	30 45	6 56	13 3	13 21	11 24		n.a.
T 13	16 44	13 10	0n 3	9 37	1 19	23 25	0 4	25 58	3 16	14 51	1 43	1 31	2 43	21 52	0 37	14 47	1 31	30 45	6 56	13 2	13 20	11 22		n.a.
F 14	16 26	16 8	1 10	8 55	1 32	23 22	0 7	25 57	3 15	14 53	1 44	1 30	2 44	21 51	0 37	14 47	1 31	30 45	6 56	13 2	13 19	11 20		n.a.
S 15	16 8	18 22	2 16	8 14	1 46	23 18	0 10	25 57	3 13	14 56	1 44	1 29	2 44	21 51	0 37	14 48	1 31	30 45	6 56	13 2	13 18	11 18		n.a.
S 16	15 50	19 37	3 16	7 37	1 59	23 13	0 13	25 57	3 12	14 59	1 44	1 29	2 44	21 50	0 38	14 48	1 31	30 45	6 56	13 1	13 17	11 16		n.a.
M17	15 32	19 42	4 6	7 1	2 11	23 7	0 16	25 57	3 11	15 1	1 44	1 28	2 44	21 49	0 38	14 49	1 31	30 45	6 56	13 0	13 16	11 15		n.a.
T 18	15 13	18 29	4 42	6 29	2 24	23 1	0 19	25 57	3 9	15 4	1 44	1 27	2 45	21 49	0 38	14 50	1 31	30 45	6 56	12 57	13 15	11 13		n.a.
W19	14 54	15 59	5 0	6 0	2 35	22 54	0 22	25 57	3 8	15 7	1 44	1 26	2 45	21 48	0 38	14 50	1 31	30 45	6 56	12 54	13 13	11 11		n.a.
T 20	14 35	12 21	4 57	5 33	2 46	22 47	0 25	25 57	3 6	15 9	1 44	1 25	2 45	21 48	0 38	14 51	1 31	30 44	6 56	12 50	13 12	11 9		n.a.
F 21	14 15	7 53	4 33	5 11	2 56	22 39	0 28	25 57	3 5	15 12	1 44	1 23	2 45	21 47	0 38	14 51	1 31	30 44	6 56	12 47	13 11	11 7		n.a.
S 22	13 56	2 57	3 49	4 52	3 5	22 30	0 30	25 57	3 4	15 15	1 44	1 22	2 45	21 46	0 38	14 52	1 31	30 44	6 56	12 44	13 10	11 5		n.a.
S 23	13 36	2n 5	2 51	4 36	3 14	22 20	0 33	25 57	3 2	15 17	1 44	1 21	2 46	21 46	0 38	14 52	1 31	30 44	6 56	12 41	13 9	11 4		n.a.
M24	13 16	6 52	1 43	4 25	3 21	22 10	0 36	25 58	3 1	15 20	1 44	1 20	2 46	21 45	0 38	14 53	1 31	30 44	6 56	12 40	13 8	11 2		n.a.
T 25	12 56	11 7	0 30	4 18	3 26	21 59	0 38	25 58	2 59	15 23	1 44	1 19	2 46	21 45	0 38	14 54	1 31	30 44	6 56	12 40	13 7	11 0		n.a.
W26	12 35	14 38	0s42	4 14	3 31	21 48	0 41	25 58	2 58	15 25	1 44	1 18	2 46	21 44	0 38	14 54	1 31	30 44	6 55	12 40	13 6	10 58		n.a.
T 27	12 15	17 16	1 50	4 14	3 34	21 36	0 43	25 59	2 57	15 28	1 44	1 16	2 46	21 44	0 38	14 55	1 31	30 44	6 55	12 40	13 5	10 56		n.a.
F 28	11 54	18 58	2 50	4 19	3 35	21 23	0 46	25 59	2 55	15 31	1 44	1 15	2 47	21 43	0 38	14 55	1 31	30 44	6 55	12 40	13 4	10 54		n.a.
S 29	11s33	19n42	3s40	4s27	3n35	21s10	0s48	25n59	2n54	15n33	1n44	1s14	2n47	21s42	0s38	14n56	1n31	30n44	6n55	12s39	13s 3	10n53		n.a.

Julian Day Number = 1348533.5, Delta T = 07h09m24s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'10, Lahiri = -18°03'10 Julian Calendar 1 Feb. 1021 BCE == Greg. Calendar 22 Jan. 1021 BCE

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

MARCH 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 57	1♓15'51	1♋14	10°R 2	1♒38	16♊41	23°R19	9°R20	27♑ 2	24°R39	1°R 8	2°R47	3♏56	18♌17	n.a.	S 1
M 2	10 0 54	2°14'38	13°16	9♓30	2°50	16°58	23♌12	9♎17	27° 5	24♌38	1♋ 8	2♏40	3°52	18°24	n.a.	M 2
T 3	10 4 50	3°13'22	25°12	8°54	4° 3	17°16	23° 4	9°14	27° 8	24°36	1° 7	2°31	3°49	18°31	n.a.	T 3
W 4	10 8 47	4°12'04	7♌ 5	8°15	5°16	17°34	22°57	9°11	27°11	24°34	1° 7	2°21	3°46	18°37	n.a.	W 4
T 5	10 12 43	5°10'44	18°57	7°33	6°29	17°52	22°49	9° 8	27°14	24°33	1° 6	2°10	3°43	18°44	n.a.	T 5
F 6	10 16 40	6° 9'21	0♍50	6°49	7°41	18°11	22°42	9° 5	27°17	24°31	1° 6	1°59	3°40	18°51	n.a.	F 6
S 7	10 20 37	7° 7'57	12°45	6° 4	8°54	18°30	22°35	9° 1	27°19	24°30	1° 5	1°49	3°37	18°58	n.a.	S 7
S 8	10 24 33	8° 6'30	24°44	5°19	10° 7	18°50	22°27	8°58	27°22	24°28	1° 5	1°41	3°33	19° 4	n.a.	S 8
M 9	10 28 30	9° 5'02	6♎49	4°34	11°20	19°10	22°20	8°54	27°25	24°26	1° 4	1°36	3°30	19°11	n.a.	M 9
T 10	10 32 26	10° 3'31	19° 1	3°51	12°32	19°30	22°13	8°51	27°28	24°25	1° 4	1°33	3°27	19°18	n.a.	T 10
W11	10 36 23	11° 1'59	1♏24	3°10	13°45	19°51	22° 6	8°47	27°30	24°23	1° 4	1°D32	3°24	19°24	n.a.	W11
T 12	10 40 19	12° 0'24	13°59	2°32	14°58	20°12	21°59	8°43	27°33	24°22	1° 3	1°33	3°21	19°31	n.a.	T 12
F 13	10 44 16	12°58'49	26°51	1°58	16°11	20°33	21°52	8°40	27°36	24°20	1° 3	1°34	3°17	19°38	n.a.	F 13
S 14	10 48 12	13°57'11	10♐ 3	1°27	17°24	20°55	21°46	8°36	27°38	24°19	1° 3	1°R35	3°14	19°45	n.a.	S 14
S 15	10 52 9	14°55'32	23°38	1° 0	18°37	21°17	21°39	8°32	27°41	24°17	1° 3	1°34	3°11	19°51	n.a.	S 15
M16	10 56 5	15°53'51	7♑38	0°39	19°49	21°39	21°32	8°28	27°44	24°16	1° 2	1°33	3° 8	19°58	n.a.	M16
T 17	11 0 2	16°52'08	22° 1	0°21	21° 2	22° 2	21°26	8°24	27°46	24°14	1° 2	1°29	3° 5	20° 5	n.a.	T 17
W18	11 3 59	17°50'24	6♒46	0° 9	22°15	22°25	21°20	8°20	27°49	24°13	1° 2	1°23	3° 2	20°11	n.a.	W18
T 19	11 7 55	18°48'38	21°47	0° 2	23°28	22°48	21°14	8°16	27°51	24°11	1° 2	1°17	2°58	20°18	n.a.	T 19
F 20	11 11 52	19°46'50	6♓55	29°D59	24°41	23°12	21° 7	8°12	27°53	24°10	1° 2	1°11	2°55	20°25	n.a.	F 20
S 21	11 15 48	20°45'01	22° 0	0° 2	25°54	23°35	21° 1	8° 8	27°56	24° 8	1° 2	1° 5	2°52	20°32	n.a.	S 21
S 22	11 19 45	21°43'09	6♈52	0° 9	27° 7	24° 0	20°56	8° 4	27°58	24° 7	1° 2	1° 2	2°49	20°38	n.a.	S 22
M23	11 23 41	22°41'16	21°25	0°22	28°20	24°24	20°50	8° 0	28° 1	24° 5	1°D 2	1° 0	2°46	20°45	n.a.	M23
T 24	11 27 38	23°39'21	5♉32	0°39	29°33	24°49	20°44	7°56	28° 3	24° 4	1° 2	0°D59	2°43	20°52	n.a.	T 24
W25	11 31 34	24°37'23	19°12	1° 0	0♓46	25°13	20°39	7°51	28° 5	24° 3	1° 2	1° 0	2°39	20°58	n.a.	W25
T 26	11 35 31	25°35'24	2♊25	1°26	1°59	25°39	20°34	7°47	28° 7	24° 1	1° 2	1° 2	2°36	21° 5	n.a.	T 26
F 27	11 39 28	26°33'23	15°14	1°56	3°11	26° 4	20°29	7°43	28° 9	24° 0	1° 2	1° 3	2°33	21°12	n.a.	F 27
S 28	11 43 24	27°31'19	27°43	2°30	4°24	26°30	20°24	7°38	28°12	23°59	1° 2	1°R 4	2°30	21°19	n.a.	S 28
S 29	11 47 21	28°29'14	9♋56	3° 8	5°37	26°56	20°19	7°34	28°14	23°57	1° 2	1° 3	2°27	21°25	n.a.	S 29
M30	11 51 17	29°27'07	21°58	3°50	6°50	27°22	20°14	7°30	28°16	23°56	1° 2	1° 1	2°23	21°32	n.a.	M30
T 31	11 55 14	0♈24'58	3♌53	4♓36	8♓ 3	27♊48	20♌10	7♎25	28♑18	23♌55	1♋ 2	0♏58	2♏20	21♌39	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11s12	19n29	4s20	4s38	3n34	20s56	0s51	26n 0	2n53	15n36	1n44	1s12	2n47	21s42	0s38	14n56	1n31	30n44	6n55	12s38	13s 1	10n51			n.a.
M 2	10 50	18 23	4 47	4 53	3 30	20 41	0 53	26 0	2 51	15 38	1 44	1 11	2 47	21 41	0 38	14 57	1 31	30 44	6 55	12 35	13 0	10 49			n.a.
T 3	10 29	16 29	5 1	5 11	3 25	20 26	0 55	26 1	2 50	15 41	1 44	1 10	2 47	21 41	0 38	14 58	1 31	30 44	6 55	12 32	12 59	10 47			n.a.
W 4	10 7	13 55	5 3	5 32	3 19	20 11	0 57	26 1	2 49	15 43	1 44	1 8	2 47	21 40	0 38	14 58	1 31	30 43	6 55	12 29	12 58	10 45			n.a.
T 5	9 46	10 46	4 51	5 56	3 11	19 54	1 0	26 2	2 47	15 46	1 44	1 7	2 48	21 40	0 38	14 59	1 31	30 43	6 55	12 25	12 57	10 43			n.a.
F 6	9 24	7 12	4 27	6 21	3 1	19 38	1 2	26 2	2 46	15 48	1 44	1 5	2 48	21 39	0 38	14 59	1 31	30 43	6 55	12 21	12 56	10 41			n.a.
S 7	9 2	3 20	3 51	6 48	2 50	19 20	1 4	26 3	2 45	15 51	1 44	1 4	2 48	21 38	0 38	15 0	1 31	30 43	6 55	12 17	12 55	10 40			n.a.
S 8	8 40	0s41	3 4	7 16	2 38	19 2	1 6	26 3	2 43	15 53	1 44	1 2	2 48	21 38	0 38	15 0	1 31	30 43	6 54	12 15	12 54	10 38			n.a.
M 9	8 17	4 43	2 9	7 45	2 25	18 44	1 7	26 3	2 42	15 55	1 44	1 1	2 48	21 37	0 38	15 1	1 31	30 43	6 54	12 13	12 53	10 36			n.a.
T 10	7 55	8 35	1 7	8 14	2 10	18 25	1 9	26 4	2 41	15 58	1 44	0 59	2 48	21 37	0 38	15 1	1 31	30 43	6 54	12 12	12 52	10 34			n.a.
W11	7 32	12 9	0 1	8 43	1 55	18 5	1 11	26 4	2 40	16 0	1 44	0 58	2 48	21 36	0 38	15 2	1 31	30 43	6 54	12 12	12 51	10 32			n.a.
T 12	7 10	15 14	1n 7	9 11	1 40	17 45	1 13	26 5	2 38	16 2	1 44	0 56	2 49	21 36	0 38	15 2	1 31	30 43	6 54	12 12	12 49	10 30			n.a.
F 13	6 47	17 37	2 12	9 38	1 24	17 25	1 14	26 5	2 37	16 4	1 44	0 55	2 49	21 35	0 38	15 3	1 31	30 43	6 54	12 12	12 48	10 28			n.a.
S 14	6 25	19 8	3 13	10 4	1 8	17 4	1 16	26 5	2 36	16 6	1 44	0 53	2 49	21 35	0 38	15 3	1 31	30 42	6 54	12 12	12 47	10 27			n.a.
S 15	6 2	19 36	4 4	10 29	0 52	16 42	1 17	26 6	2 35	16 8	1 44	0 51	2 49	21 34	0 38	15 4	1 31	30 42	6 54	12 12	12 46	10 25			n.a.
M16	5 39	18 53	4 43	10 52	0 36	16 21	1 19	26 6	2 33	16 10	1 44	0 50	2 49	21 34	0 38	15 4	1 31	30 42	6 54	12 12	12 45	10 23			n.a.
T 17	5 16	16 58	5 5	11 13	0 20	15 58	1 20	26 6	2 32	16 12	1 43	0 48	2 49	21 33	0 38	15 5	1 31	30 42	6 53	12 10	12 44	10 21			n.a.
W18	4 53	13 55	5 7	11 32	0 4	15 35	1 21	26 6	2 31	16 14	1 43	0 46	2 49	21 33	0 38	15 5	1 31	30 42	6 53	12 8	12 43	10 19			n.a.
T 19	4 30	9 54	4 49	11 48	0s11	15 12	1 23	26 6	2 30	16 16	1 43	0 45	2 49	21 32	0 38	15 6	1 31	30 42	6 53	12 6	12 42	10 17			n.a.
F 20	4 6	5 14	4 11	12 3	0 26	14 49	1 24	26 7	2 29	16 18	1 43	0 43	2 49	21 32	0 38	15 6	1 31	30 42	6 53	12 4	12 41	10 15			n.a.
S 21	3 43	0 14	3 16	12 15	0 40	14 25	1 25	26 7	2 27	16 20	1 43	0 41	2 49	21 32	0 38	15 7	1 31	30 42	6 53	12 2	12 39	10 14			n.a.
S 22	3 20	4n43	2 7	12 25	0 53	14 0	1 26	26 7	2 26	16 22	1 43	0 39	2 50	21 31	0 38	15 7	1 31	30 42	6 53	12 1	12 38	10 12			n.a.
M23	2 57	9 17	0 52	12 33	1 6	13 36	1 27	26 7	2 25	16 24	1 43	0 38	2 50	21 31	0 38	15 8	1 31	30 41	6 53	12 0	12 37	10 10			n.a.
T 24	2 33	13 11	0s25	12 38	1 18	13 11	1 28	26 6	2 24	16 25	1 42	0 36	2 50	21 30	0 38	15 8	1 31	30 41	6 53	12 0	12 36	10 8			n.a.
W25	2 10	16 14	1 38	12 41	1 29	12 45	1 29	26 6	2 23	16 27	1 42	0 34	2 50	21 30	0 38	15 9	1 31	30 41	6 53	12 0	12 35	10 6			n.a.
T 26	1 47	18 19	2 43	12 41	1 40	12 19	1 29	26 6	2 22	16 28	1 42	0 32	2 50	21 29	0 38	15 9	1 31	30 41	6 52	12 1	12 34	10 4			n.a.
F 27	1 23	19 22	3 38	12 40	1 50	11 53	1 30	26 6	2 20	16 30	1 42	0 31	2 50	21 29	0 38	15 10	1 31	30 41	6 52	12 1	12 33	10 2			n.a.
S 28	1 0	19 27	4 21	12 36	1 59	11 27	1 31	26 5	2 19	16 31	1 42	0 29	2 50	21 29	0 38	15 10	1 31	30 41	6 52	12 2	12 32	10 1			n.a.
S 29	0 37	18 36	4 51	12 30	2 8	11 0	1 31	26 5	2 18	16 33	1 42	0 27	2 50	21 28	0 39	15 10	1 31	30 41	6 52	12 1	12 31	9 59			n.a.
M30	0 13	16 55	5 8	12 21	2 15	10 33	1 32	26 4	2 17	16 34	1 41	0 25	2 50	21 28	0 39	15 11	1 31	30 41	6 52	12 1	12 30	9 57			n.a.
T 31	0n10	14n32	5s12	12s11	2s22	10s 6	1s32	26n 4	2n16	16n35	1n41	0s24	2n50	21s27	0s39	15n11	1n31	30n40	6n52	11s59	12s28	9n55			n.a.

Julian Day Number = 1348562.5, Delta T = 07h09m23s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'06, Lahiri = -18°03'06 Julian Calendar 1 March 1021 BCE == Greg. Calendar 20 Feb. 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

APRIL 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 59 10	1♈22'47	15♌45	5♓25	9♓16	28♊15	20°R 5	7°R21	28♑20	23°R54	1♋ 3	0°R53	2♏17	21♌46	n.a.	W 1
T 2	12 3 7	2°20'34	27°37	6°17	10°29	28°41	20♌ 1	7♎17	28°22	23♌52	1° 3	0♏48	2°14	21°52	n.a.	T 2
F 3	12 7 3	3°18'19	9♍32	7°13	11°42	29° 8	19°57	7°12	28°24	23°51	1° 3	0°43	2°11	21°59	n.a.	F 3
S 4	12 11 0	4°16'03	21°33	8°11	12°55	29°36	19°53	7° 8	28°25	23°50	1° 4	0°39	2° 8	22° 6	n.a.	S 4
S 5	12 14 56	5°13'45	3♎41	9°13	14° 8	0♋ 3	19°49	7° 3	28°27	23°49	1° 4	0°36	2° 4	22°12	n.a.	S 5
M 6	12 18 53	6°11'25	15°57	10°18	15°21	0°31	19°46	6°59	28°29	23°48	1° 4	0°34	2° 1	22°19	n.a.	M 6
T 7	12 22 50	7° 9'04	28°24	11°25	16°34	0°58	19°42	6°54	28°31	23°47	1° 5	0°D33	1°58	22°26	n.a.	T 7
W 8	12 26 46	8° 6'42	11♏ 2	12°35	17°47	1°26	19°39	6°50	28°32	23°45	1° 5	0°33	1°55	22°33	n.a.	W 8
T 9	12 30 43	9° 4'19	23°53	13°48	19° 0	1°55	19°36	6°45	28°34	23°44	1° 5	0°35	1°52	22°39	n.a.	T 9
F 10	12 34 39	10° 1'54	6♐58	15° 4	20°13	2°23	19°33	6°41	28°36	23°43	1° 6	0°36	1°48	22°46	n.a.	F 10
S 11	12 38 36	10°59'28	20°19	16°22	21°26	2°52	19°31	6°37	28°37	23°42	1° 6	0°37	1°45	22°53	n.a.	S 11
S 12	12 42 32	11°57'01	3♑57	17°43	22°39	3°20	19°28	6°32	28°39	23°41	1° 7	0°38	1°42	22°59	n.a.	S 12
M13	12 46 29	12°54'34	17°53	19° 6	23°52	3°49	19°26	6°28	28°40	23°40	1° 7	0°R38	1°39	23° 6	n.a.	M13
T 14	12 50 25	13°52'05	2♒ 5	20°31	25° 5	4°18	19°24	6°23	28°42	23°40	1° 8	0°38	1°36	23°13	n.a.	T 14
W15	12 54 22	14°49'35	16°33	21°59	26°18	4°48	19°22	6°19	28°43	23°39	1° 9	0°36	1°33	23°20	n.a.	W15
T 16	12 58 19	15°47'04	1♓11	23°30	27°31	5°17	19°20	6°15	28°44	23°38	1° 9	0°35	1°29	23°26	n.a.	T 16
F 17	13 2 15	16°44'32	15°55	25° 2	28°45	5°47	19°18	6°10	28°46	23°37	1°10	0°33	1°26	23°33	n.a.	F 17
S 18	13 6 12	17°41'59	0♈38	26°37	29°58	6°17	19°17	6° 6	28°47	23°36	1°11	0°31	1°23	23°40	n.a.	S 18
S 19	13 10 8	18°39'25	15°13	28°15	1♈11	6°47	19°16	6° 2	28°48	23°35	1°11	0°30	1°20	23°46	n.a.	S 19
M20	13 14 5	19°36'50	29°34	29°54	2°24	7°17	19°14	5°57	28°49	23°34	1°12	0°D30	1°17	23°53	n.a.	M20
T 21	13 18 1	20°34'13	13♉35	1♈36	3°37	7°47	19°14	5°53	28°50	23°34	1°13	0°30	1°14	24° 0	n.a.	T 21
W22	13 21 58	21°31'36	27°13	3°21	4°50	8°18	19°13	5°49	28°51	23°33	1°14	0°31	1°10	24° 6	n.a.	W22
T 23	13 25 54	22°28'57	10♊29	5° 7	6° 3	8°48	19°12	5°45	28°52	23°32	1°14	0°32	1° 7	24°13	n.a.	T 23
F 24	13 29 51	23°26'17	23°21	6°56	7°16	9°19	19°12	5°41	28°53	23°32	1°15	0°32	1° 4	24°20	n.a.	F 24
S 25	13 33 48	24°23'36	5♋54	8°47	8°30	9°50	19°D12	5°37	28°54	23°31	1°16	0°33	1° 1	24°27	n.a.	S 25
S 26	13 37 44	25°20'54	18°10	10°41	9°43	10°21	19°12	5°33	28°55	23°31	1°17	0°33	0°58	24°33	n.a.	S 26
M27	13 41 41	26°18'11	0♌14	12°36	10°56	10°52	19°12	5°29	28°56	23°30	1°18	0°R33	0°54	24°40	n.a.	M27
T 28	13 45 37	27°15'26	12° 9	14°34	12° 9	11°24	19°12	5°25	28°57	23°29	1°19	0°33	0°51	24°47	n.a.	T 28
W29	13 49 34	28°12'40	24° 2	16°34	13°22	11°55	19°13	5°21	28°58	23°29	1°20	0°33	0°48	24°53	n.a.	W29
T 30	13 53 30	29♈ 9'53	5♍55	18♈36	14♈35	12♋27	19♌14	5♎17	28♑58	23♌28	1♋21	0♏33	0♏45	25♌ 0	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n33	11n34	5s 2	11s58	2s29	9s38	1s32	26n 3	2n15	16n37	1n41	0s22	2n50	21s27	0s39	15n12	1n31	30n40	6n52	11s58	12s27	9n53		n.a.
T 2	0 57	8 8	4 39	11 44	2 34	9 10	1 32	26 2	2 14	16 38	1 41	0 20	2 50	21 27	0 39	15 12	1 31	30 40	6 52	11 56	12 26	9 51		n.a.
F 3	1 20	4 21	4 4	11 27	2 39	8 42	1 33	26 1	2 13	16 39	1 41	0 18	2 50	21 26	0 39	15 12	1 31	30 40	6 52	11 54	12 25	9 49		n.a.
S 4	1 43	0 23	3 18	11 8	2 43	8 14	1 33	26 1	2 12	16 40	1 40	0 16	2 50	21 26	0 39	15 13	1 31	30 40	6 51	11 53	12 24	9 47		n.a.
S 5	2 7	3s39	2 22	10 48	2 46	7 46	1 33	25 59	2 11	16 41	1 40	0 15	2 50	21 26	0 39	15 13	1 31	30 40	6 51	11 52	12 23	9 46		n.a.
M 6	2 30	7 35	1 19	10 25	2 49	7 17	1 33	25 58	2 10	16 42	1 40	0 13	2 50	21 25	0 39	15 14	1 31	30 40	6 51	11 51	12 22	9 44		n.a.
T 7	2 53	11 15	0 12	10 1	2 51	6 48	1 33	25 57	2 8	16 43	1 40	0 11	2 50	21 25	0 39	15 14	1 31	30 40	6 51	11 51	12 21	9 42		n.a.
W 8	3 16	14 28	0n57	9 35	2 52	6 19	1 33	25 56	2 7	16 44	1 40	0 9	2 50	21 25	0 39	15 14	1 31	30 40	6 51	11 51	12 20	9 40		n.a.
T 9	3 39	17 1	2 5	9 7	2 53	5 50	1 32	25 54	2 6	16 44	1 39	0 8	2 50	21 24	0 39	15 15	1 31	30 39	6 51	11 51	12 18	9 38		n.a.
F 10	4 2	18 44	3 7	8 37	2 53	5 20	1 32	25 53	2 5	16 45	1 39	0 6	2 50	21 24	0 39	15 15	1 31	30 39	6 51	11 52	12 17	9 36		n.a.
S 11	4 25	19 27	4 1	8 6	2 52	4 51	1 32	25 51	2 4	16 46	1 39	0 4	2 50	21 24	0 39	15 15	1 31	30 39	6 51	11 52	12 16	9 34		n.a.
S 12	4 48	19 3	4 42	7 33	2 51	4 21	1 31	25 50	2 3	16 46	1 39	0 2	2 50	21 23	0 39	15 16	1 31	30 39	6 50	11 52	12 15	9 32		n.a.
M13	5 11	17 31	5 8	6 58	2 49	3 51	1 31	25 48	2 2	16 47	1 39	0 1	2 50	21 23	0 39	15 16	1 31	30 39	6 50	11 52	12 14	9 30		n.a.
T 14	5 33	14 53	5 16	6 21	2 46	3 21	1 30	25 46	2 1	16 47	1 38	0n 1	2 50	21 23	0 39	15 16	1 31	30 39	6 50	11 52	12 13	9 29		n.a.
W15	5 56	11 18	5 4	5 43	2 43	2 51	1 29	25 44	2 0	16 48	1 38	0 3	2 50	21 23	0 39	15 16	1 31	30 39	6 50	11 52	12 12	9 27		n.a.
T 16	6 18	6 59	4 32	5 3	2 39	2 21	1 29	25 42	1 59	16 48	1 38	0 4	2 50	21 22	0 39	15 17	1 31	30 39	6 50	11 51	12 11	9 25		n.a.
F 17	6 41	2 14	3 42	4 22	2 35	1 51	1 28	25 39	1 58	16 48	1 38	0 6	2 50	21 22	0 39	15 17	1 31	30 38	6 50	11 51	12 9	9 23		n.a.
S 18	7 3	2n40	2 38	3 39	2 30	1 21	1 27	25 37	1 57	16 49	1 37	0 8	2 50	21 22	0 39	15 17	1 31	30 38	6 50	11 50	12 8	9 21		n.a.
S 19	7 25	7 22	1 24	2 55	2 24	0 50	1 26	25 34	1 56	16 49	1 37	0 9	2 50	21 22	0 39	15 17	1 31	30 38	6 50	11 50	12 7	9 19		n.a.
M20	7 47	11 34	0 5	2 9	2 18	0 20	1 25	25 32	1 55	16 49	1 37	0 11	2 49	21 21	0 39	15 18	1 31	30 38	6 50	11 50	12 6	9 17		n.a.
T 21	8 9	15 1	1s12	1 22	2 12	0n10	1 24	25 29	1 54	16 49	1 37	0 13	2 49	21 21	0 39	15 18	1 31	30 38	6 50	11 50	12 5	9 15		n.a.
W22	8 31	17 32	2 23	0 33	2 5	0 41	1 23	25 26	1 53	16 49	1 36	0 14	2 49	21 21	0 39	15 18	1 30	30 38	6 49	11 50	12 4	9 13		n.a.
T 23	8 53	19 0	3 24	0n17	1 57	1 11	1 22	25 23	1 52	16 49	1 36	0 16	2 49	21 21	0 39	15 18	1 30	30 38	6 49	11 50	12 3	9 12		n.a.
F 24	9 15	19 26	4 13	1 8	1 49	1 42	1 21	25 20	1 51	16 49	1 36	0 17	2 49	21 21	0 39	15 18	1 30	30 38	6 49	11 50	12 2	9 10		n.a.
S 25	9 36	18 53	4 48	2 0	1 40	2 12	1 20	25 17	1 50	16 49	1 36	0 19	2 49	21 21	0 39	15 19	1 30	30 38	6 49	11 51	12 0	9 8		n.a.
S 26	9 57	17 27	5 10	2 54	1 31	2 42	1 19	25 13	1 50	16 48	1 35	0 21	2 49	21 20	0 39	15 19	1 30	30 37	6 49	11 51	11 59	9 6		n.a.
M27	10 18	15 15	5 17	3 48	1 22	3 13	1 17	25 10	1 49	16 48	1 35	0 22	2 49	21 20	0 40	15 19	1 30	30 37	6 49	11 51	11 58	9 4		n.a.
T 28	10 39	12 27	5 11	4 43	1 12	3 43	1 16	25 6	1 48	16 48	1 35	0 23	2 49	21 20	0 40	15 19	1 30	30 37	6 49	11 51	11 57	9 2		n.a.
W29	11 0	9 9	4 51	5 39	1 2	4 13	1 14	25 3	1 47	16 47	1 35	0 25	2 48	21 20	0 40	15 19	1 30	30 37	6 49	11 51	11 56	9 0		n.a.
T 30	11n21	5n29	4s19	6n36	0s52	4n43	1s13	24n59	1n46	16n47	1n34	0n26	2n48	21s20	0s40	15n19	1n30	30n37	6n49	11s50	11s55	8n58		n.a.

Julian Day Number = 1348593.5, Delta T = 07h09m21s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°10'02, Lahiri = -18°03'02 Julian Calendar 1 Apr. 1021 BCE == Greg. Calendar 22 March 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

MAY 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 57 27	0♉ 7'05	17♍53	20♈39	15♈49	12♋59	19♎15	5°R13	28♏59	23°R28	1♋22	0°D33	0♏42	25♎ 7	n.a.	F 1
S 2	14 1 23	1° 4'17	29°59	22°45	17° 2	13°30	19°16	5♎ 9	28°59	23♎28	1°23	0♏33	0°39	25°14	n.a.	S 2
S 3	14 5 20	2° 1'27	12♎17	24°52	18°15	14° 2	19°17	5° 5	29° 0	23°27	1°24	0°33	0°35	25°20	n.a.	S 3
M 4	14 9 17	2°58'36	24°47	27° 0	19°28	14°35	19°18	5° 2	29° 0	23°27	1°25	0°R33	0°32	25°27	n.a.	M 4
T 5	14 13 13	3°55'45	7♏31	29° 9	20°42	15° 7	19°20	4°58	29° 1	23°27	1°26	0°33	0°29	25°34	n.a.	T 5
W 6	14 17 10	4°52'54	20°30	1♉20	21°55	15°39	19°22	4°55	29° 1	23°26	1°27	0°33	0°26	25°40	n.a.	W 6
T 7	14 21 6	5°50'02	3♐43	3°31	23° 8	16°12	19°24	4°51	29° 2	23°26	1°28	0°32	0°23	25°47	n.a.	T 7
F 8	14 25 3	6°47'09	17°10	5°42	24°21	16°44	19°26	4°48	29° 2	23°26	1°29	0°31	0°19	25°54	n.a.	F 8
S 9	14 28 59	7°44'16	0♑50	7°54	25°35	17°17	19°28	4°44	29° 2	23°26	1°30	0°31	0°16	26° 1	n.a.	S 9
S 10	14 32 56	8°41'23	14°42	10° 5	26°48	17°50	19°31	4°41	29° 2	23°25	1°31	0°30	0°13	26° 7	n.a.	S 10
M11	14 36 52	9°38'30	28°44	12°16	28° 1	18°23	19°33	4°38	29° 3	23°25	1°33	0°29	0°10	26°14	n.a.	M11
T 12	14 40 49	10°35'36	12♒54	14°26	29°15	18°56	19°36	4°35	29° 3	23°25	1°34	0°D29	0° 7	26°21	n.a.	T 12
W13	14 44 46	11°32'43	27° 9	16°36	0♉28	19°30	19°39	4°31	29° 3	23°25	1°35	0°30	0° 4	26°27	n.a.	W13
T 14	14 48 42	12°29'49	11♓28	18°44	1°41	20° 3	19°42	4°28	29°R 3	23°25	1°36	0°30	0° 0	26°34	n.a.	T 14
F 15	14 52 39	13°26'55	25°48	20°51	2°55	20°36	19°46	4°25	29° 3	23°D25	1°38	0°31	29♎57	26°41	n.a.	F 15
S 16	14 56 35	14°24'01	10♈ 4	22°57	4° 8	21°10	19°49	4°23	29° 3	23°25	1°39	0°32	29°54	26°48	n.a.	S 16
S 17	15 0 32	15°21'08	24°13	25° 0	5°22	21°44	19°53	4°20	29° 2	23°25	1°40	0°R33	29°51	26°54	n.a.	S 17
M18	15 4 28	16°18'14	8♉11	27° 3	6°35	22°18	19°57	4°17	29° 2	23°25	1°42	0°33	29°48	27° 1	n.a.	M18
T 19	15 8 25	17°15'20	21°55	29° 3	7°48	22°51	20° 1	4°14	29° 2	23°25	1°43	0°32	29°45	27° 8	n.a.	T 19
W20	15 12 21	18°12'26	5♊22	1♊ 1	9° 2	23°26	20° 5	4°12	29° 2	23°26	1°44	0°30	29°41	27°14	n.a.	W20
T 21	15 16 18	19° 9'31	18°30	2°58	10°15	24° 0	20° 9	4° 9	29° 1	23°26	1°46	0°28	29°38	27°21	n.a.	T 21
F 22	15 20 15	20° 6'37	1♋20	4°52	11°29	24°34	20°14	4° 7	29° 1	23°26	1°47	0°25	29°35	27°28	n.a.	F 22
S 23	15 24 11	21° 3'42	13°52	6°44	12°42	25° 8	20°18	4° 4	29° 1	23°26	1°49	0°22	29°32	27°35	n.a.	S 23
S 24	15 28 8	22° 0'47	26° 8	8°35	13°56	25°43	20°23	4° 2	29° 0	23°26	1°50	0°20	29°29	27°41	n.a.	S 24
M25	15 32 4	22°57'52	8♎12	10°23	15° 9	26°17	20°28	4° 0	29° 0	23°27	1°51	0°18	29°25	27°48	n.a.	M25
T 26	15 36 1	23°54'56	20° 9	12° 9	16°23	26°52	20°33	3°58	28°59	23°27	1°53	0°D17	29°22	27°55	n.a.	T 26
W27	15 39 57	24°52'00	2♍ 1	13°53	17°37	27°27	20°38	3°56	28°58	23°28	1°54	0°17	29°19	28° 1	n.a.	W27
T 28	15 43 54	25°49'04	13°55	15°35	18°50	28° 2	20°44	3°54	28°58	23°28	1°56	0°18	29°16	28° 8	n.a.	T 28
F 29	15 47 51	26°46'08	25°54	17°15	20° 4	28°37	20°49	3°52	28°57	23°28	1°57	0°20	29°13	28°15	n.a.	F 29
S 30	15 51 47	27°43'12	8♎ 4	18°53	21°17	29°12	20°55	3°50	28°56	23°29	1°59	0°21	29°10	28°21	n.a.	S 30
S 31	15 55 44	28♉40'16	20♎28	20♊28	22♉31	29♋47	21♎ 1	3♎49	28♑55	23♎29	2♋ 0	0♏23	29♎ 6	28♎28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n41	1n34	3s35	7n33	0s42	5n13	1s11	24n55	1n45	16n46	1n34	0n28	2n48	21s20	0s40	15n19	1n30	30n37	6n49	11s50	11s54	8n56		n.a.
S 2	12 2	2s28	2 42	8 30	0 31	5 43	1 10	24 50	1 44	16 46	1 34	0 29	2 48	21 20	0 40	15 20	1 30	30 37	6 48	11 50	11 53	8 55		n.a.
S 3	12 22	6 27	1 40	9 28	0 20	6 13	1 8	24 46	1 43	16 45	1 34	0 31	2 48	21 20	0 40	15 20	1 30	30 37	6 48	11 50	11 51	8 53		n.a.
M 4	12 42	10 14	0 32	10 25	0 10	6 43	1 6	24 42	1 42	16 44	1 33	0 32	2 48	21 20	0 40	15 20	1 30	30 37	6 48	11 51	11 50	8 51		n.a.
T 5	13 1	13 38	0n39	11 22	0n 1	7 12	1 5	24 37	1 41	16 44	1 33	0 33	2 48	21 20	0 40	15 20	1 30	30 37	6 48	11 51	11 49	8 49		n.a.
W 6	13 21	16 25	1 48	12 18	0 12	7 42	1 3	24 32	1 40	16 43	1 33	0 34	2 47	21 20	0 40	15 20	1 30	30 36	6 48	11 50	11 48	8 47		n.a.
T 7	13 40	18 23	2 54	13 14	0 22	8 11	1 1	24 28	1 39	16 42	1 33	0 36	2 47	21 20	0 40	15 20	1 30	30 36	6 48	11 50	11 47	8 45		n.a.
F 8	14 0	19 22	3 51	14 8	0 32	8 40	0 59	24 23	1 38	16 41	1 32	0 37	2 47	21 19	0 40	15 20	1 30	30 36	6 48	11 50	11 46	8 43		n.a.
S 9	14 18	19 13	4 35	15 1	0 42	9 9	0 57	24 17	1 38	16 40	1 32	0 38	2 47	21 19	0 40	15 20	1 30	30 36	6 48	11 50	11 45	8 41		n.a.
S 10	14 37	17 56	5 5	15 53	0 52	9 38	0 55	24 12	1 37	16 39	1 32	0 39	2 47	21 19	0 40	15 20	1 30	30 36	6 48	11 50	11 44	8 39		n.a.
M11	14 56	15 34	5 17	16 43	1 1	10 6	0 54	24 7	1 36	16 38	1 32	0 40	2 47	21 19	0 40	15 20	1 30	30 36	6 48	11 49	11 42	8 37		n.a.
T 12	15 14	12 16	5 9	17 31	1 9	10 35	0 52	24 1	1 35	16 37	1 31	0 42	2 46	21 19	0 40	15 20	1 30	30 36	6 48	11 49	11 41	8 35		n.a.
W13	15 32	8 13	4 43	18 17	1 17	11 3	0 49	23 55	1 34	16 36	1 31	0 43	2 46	21 20	0 40	15 20	1 30	30 36	6 48	11 49	11 40	8 34		n.a.
T 14	15 50	3 41	3 59	19 1	1 25	11 30	0 47	23 50	1 33	16 34	1 31	0 44	2 46	21 20	0 40	15 20	1 30	30 36	6 47	11 50	11 39	8 32		n.a.
F 15	16 7	1n 4	3 1	19 43	1 31	11 58	0 45	23 44	1 32	16 33	1 31	0 45	2 46	21 20	0 40	15 20	1 30	30 36	6 47	11 50	11 38	8 30		n.a.
S 16	16 25	5 44	1 51	20 22	1 37	12 25	0 43	23 37	1 31	16 32	1 30	0 46	2 46	21 20	0 40	15 20	1 30	30 36	6 47	11 50	11 37	8 28		n.a.
S 17	16 42	10 4	0 35	20 59	1 43	12 52	0 41	23 31	1 31	16 30	1 30	0 47	2 45	21 20	0 40	15 20	1 30	30 36	6 47	11 51	11 36	8 26		n.a.
M18	16 58	13 47	0s42	21 33	1 48	13 19	0 39	23 25	1 30	16 29	1 30	0 48	2 45	21 20	0 40	15 20	1 30	30 35	6 47	11 51	11 34	8 24		n.a.
T 19	17 15	16 40	1 55	22 4	1 52	13 45	0 37	23 18	1 29	16 27	1 30	0 48	2 45	21 20	0 40	15 20	1 29	30 35	6 47	11 50	11 33	8 22		n.a.
W20	17 31	18 34	3 0	22 34	1 55	14 11	0 34	23 11	1 28	16 26	1 29	0 49	2 45	21 20	0 40	15 20	1 29	30 35	6 47	11 50	11 32	8 20		n.a.
T 21	17 47	19 25	3 55	23 0	1 58	14 37	0 32	23 5	1 27	16 24	1 29	0 50	2 45	21 20	0 40	15 19	1 29	30 35	6 47	11 49	11 31	8 18		n.a.
F 22	18 3	19 13	4 35	23 24	2 0	15 2	0 30	22 57	1 26	16 22	1 29	0 51	2 44	21 20	0 40	15 19	1 29	30 35	6 47	11 48	11 30	8 16		n.a.
S 23	18 18	18 5	5 2	23 46	2 1	15 27	0 28	22 50	1 25	16 21	1 29	0 52	2 44	21 20	0 41	15 19	1 29	30 35	6 47	11 47	11 29	8 14		n.a.
S 24	18 33	16 7	5 14	24 5	2 2	15 52	0 25	22 43	1 25	16 19	1 28	0 52	2 44	21 20	0 41	15 19	1 29	30 35	6 47	11 46	11 28	8 13		n.a.
M25	18 48	13 29	5 12	24 22	2 2	16 16	0 23	22 36	1 24	16 17	1 28	0 53	2 44	21 21	0 41	15 19	1 29	30 35	6 47	11 45	11 26	8 11		n.a.
T 26	19 3	10 19	4 56	24 36	2 1	16 40	0 21	22 28	1 23	16 15	1 28	0 54	2 43	21 21	0 41	15 19	1 29	30 35	6 47	11 45	11 25	8 9		n.a.
W27	19 17	6 45	4 28	24 48	2 0	17 3	0 18	22 20	1 22	16 13	1 28	0 54	2 43	21 21	0 41	15 19	1 29	30 35	6 47	11 45	11 24	8 7		n.a.
T 28	19 31	2 55	3 48	24 58	1 58	17 26	0 16	22 12	1 21	16 11	1 27	0 55	2 43	21 21	0 41	15 18	1 29	30 35	6 47	11 45	11 23	8 5		n.a.
F 29	19 44	1s 4	2 58	25 6	1 55	17 49	0 14	22 4	1 20	16 9	1 27	0 55	2 43	21 21	0 41	15 18	1 29	30 35	6 47	11 46	11 22	8 3		n.a.
S 30	19 58	5 4	1 59	25 12	1 52	18 11	0 11	21 56	1 19	16 7	1 27	0 56	2 42	21 21	0 41	15 18	1 29	30 35	6 47	11 46	11 21	8 1		n.a.
S 31	20n11	8s57	0s54	25n16	1n48	18n33	0s 9	21n48	1n19	16n 5	1n27	0n56	2n42	21s22	0s41	15n18	1n29	30n35	6n47	11s47	11s20	7n59		n.a.

Julian Day Number = 1348623.5, Delta T = 07h09m19s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'58, Lahiri = -18°02'58 Julian Calendar 1 May 1021 BCE == Greg. Calendar 21 Apr. 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

JUNE 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 59 40	29♉37'21	3♏ 9	22♊ 2	23♉44	0♌22	21♌ 7	3°R47	28°R55	23♌30	2♋ 2	0°R23	29♎ 3	28♌35	n.a.	M 1
T 2	16 3 37	0♊34'25	16° 9	23°33	24°58	0°58	21°13	3♎46	28♏54	23°31	2° 4	0♏22	29° 0	28°42	n.a.	T 2
W 3	16 7 33	1°31'30	29°29	25° 3	26°12	1°33	21°19	3°44	28°53	23°31	2° 5	0°20	28°57	28°48	n.a.	W 3
T 4	16 11 30	2°28'35	13♐ 7	26°30	27°25	2° 8	21°25	3°43	28°52	23°32	2° 7	0°16	28°54	28°55	n.a.	T 4
F 5	16 15 26	3°25'40	27° 1	27°54	28°39	2°44	21°32	3°42	28°51	23°32	2° 8	0°11	28°51	29° 2	n.a.	F 5
S 6	16 19 23	4°22'46	11♑ 8	29°17	29°53	3°20	21°39	3°41	28°50	23°33	2°10	0° 6	28°47	29° 8	n.a.	S 6
S 7	16 23 20	5°19'53	25°22	0♋37	1♊ 7	3°56	21°45	3°40	28°49	23°34	2°12	0° 2	28°44	29°15	n.a.	S 7
M 8	16 27 16	6°17'00	9♒40	1°55	2°20	4°32	21°52	3°39	28°48	23°35	2°13	29♎58	28°41	29°22	n.a.	M 8
T 9	16 31 13	7°14'09	23°57	3°11	3°34	5° 8	21°59	3°38	28°46	23°35	2°15	29°56	28°38	29°29	n.a.	T 9
W10	16 35 9	8°11'18	8♓11	4°24	4°48	5°44	22° 7	3°37	28°45	23°36	2°17	29°D55	28°35	29°35	n.a.	W10
T 11	16 39 6	9° 8'27	22°19	5°35	6° 2	6°20	22°14	3°37	28°44	23°37	2°18	29°55	28°31	29°42	n.a.	T 11
F 12	16 43 2	10° 5'38	6♈20	6°44	7°15	6°56	22°21	3°36	28°43	23°38	2°20	29°57	28°28	29°49	n.a.	F 12
S 13	16 46 59	11° 2'50	20°12	7°49	8°29	7°32	22°29	3°36	28°41	23°39	2°22	29°58	28°25	29°55	n.a.	S 13
S 14	16 50 56	12° 0'03	3♉55	8°52	9°43	8° 9	22°37	3°35	28°40	23°40	2°23	29°R58	28°22	0♍ 2	n.a.	S 14
M15	16 54 52	12°57'16	17°28	9°52	10°57	8°45	22°44	3°35	28°38	23°41	2°25	29°57	28°19	0° 9	n.a.	M15
T 16	16 58 49	13°54'31	0♊49	10°49	12°11	9°22	22°52	3°35	28°37	23°42	2°27	29°53	28°16	0°15	n.a.	T 16
W17	17 2 45	14°51'47	13°57	11°43	13°25	9°59	23° 0	3°D35	28°35	23°43	2°29	29°48	28°12	0°22	n.a.	W17
T 18	17 6 42	15°49'03	26°51	12°34	14°39	10°36	23° 9	3°35	28°34	23°44	2°30	29°41	28° 9	0°29	n.a.	T 18
F 19	17 10 38	16°46'20	9♋31	13°22	15°53	11°12	23°17	3°35	28°32	23°45	2°32	29°33	28° 6	0°36	n.a.	F 19
S 20	17 14 35	17°43'38	21°57	14° 6	17° 7	11°49	23°25	3°35	28°31	23°46	2°34	29°24	28° 3	0°42	n.a.	S 20
S 21	17 18 31	18°40'57	4♌10	14°47	18°21	12°27	23°34	3°35	28°29	23°47	2°36	29°16	28° 0	0°49	n.a.	S 21
M22	17 22 28	19°38'16	16°12	15°23	19°35	13° 4	23°43	3°36	28°27	23°48	2°37	29°10	27°57	0°56	n.a.	M22
T 23	17 26 25	20°35'36	28° 6	15°56	20°49	13°41	23°51	3°36	28°26	23°50	2°39	29° 5	27°53	1° 2	n.a.	T 23
W24	17 30 21	21°32'57	9♍57	16°25	22° 3	14°18	24° 0	3°37	28°24	23°51	2°41	29° 3	27°50	1° 9	n.a.	W24
T 25	17 34 18	22°30'19	21°50	16°49	23°17	14°56	24° 9	3°38	28°22	23°52	2°43	29°D 2	27°47	1°16	n.a.	T 25
F 26	17 38 14	23°27'41	3♎48	17° 8	24°31	15°33	24°18	3°38	28°20	23°53	2°45	29° 2	27°44	1°22	n.a.	F 26
S 27	17 42 11	24°25'05	15°58	17°23	25°45	16°11	24°27	3°39	28°19	23°55	2°46	29° 3	27°41	1°29	n.a.	S 27
S 28	17 46 7	25°22'29	28°23	17°33	26°59	16°48	24°37	3°40	28°17	23°56	2°48	29°R 4	27°37	1°36	n.a.	S 28
M29	17 50 4	26°19'54	11♏10	17°R38	28°13	17°26	24°46	3°41	28°15	23°57	2°50	29° 3	27°34	1°43	n.a.	M29
T 30	17 54 0	27♊17'21	24♏20	17♋38	29♊27	18♌ 4	24♌56	3♎43	28♏13	23♌59	2♋52	29♎ 0	27♎31	1♍49	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n23	12s31	0n15	25n18	1n44	18n54	0s 7	21n39	1n18	16n 3	1n27	0n57	2n42	21s22	0s41	15n18	1n29	30n35	6n47	11s47	11s18	7n57		n.a.
T 2	20 35	15 34	1 25	25 18	1 39	19 14	0 4	21 31	1 17	16 1	1 26	0 57	2 42	21 22	0 41	15 17	1 29	30 34	6 47	11 47	11 17	7 55		n.a.
W 3	20 47	17 53	2 32	25 17	1 34	19 35	0 2	21 22	1 16	15 58	1 26	0 57	2 41	21 22	0 41	15 17	1 29	30 34	6 47	11 46	11 16	7 53		n.a.
T 4	20 59	19 13	3 32	25 14	1 28	19 54	0n 1	21 13	1 15	15 56	1 26	0 58	2 41	21 23	0 41	15 17	1 29	30 34	6 47	11 45	11 15	7 51		n.a.
F 5	21 10	19 26	4 21	25 9	1 22	20 13	0 3	21 4	1 15	15 54	1 26	0 58	2 41	21 23	0 41	15 17	1 29	30 34	6 47	11 43	11 14	7 50		n.a.
S 6	21 21	18 27	4 54	25 3	1 15	20 32	0 5	20 55	1 14	15 51	1 25	0 58	2 41	21 23	0 41	15 16	1 29	30 34	6 47	11 41	11 13	7 48		n.a.
S 7	21 32	16 19	5 10	24 56	1 7	20 50	0 8	20 45	1 13	15 49	1 25	0 58	2 40	21 23	0 41	15 16	1 29	30 34	6 47	11 39	11 12	7 46		n.a.
M 8	21 42	13 11	5 7	24 47	0 59	21 7	0 10	20 36	1 12	15 46	1 25	0 58	2 40	21 24	0 41	15 16	1 29	30 34	6 47	11 38	11 10	7 44		n.a.
T 9	21 52	9 17	4 44	24 37	0 51	21 24	0 12	20 26	1 11	15 44	1 25	0 58	2 40	21 24	0 41	15 15	1 29	30 34	6 47	11 37	11 9	7 42		n.a.
W10	22 1	4 51	4 5	24 26	0 42	21 40	0 15	20 16	1 10	15 41	1 25	0 58	2 40	21 24	0 41	15 15	1 29	30 34	6 47	11 37	11 8	7 40		n.a.
T 11	22 10	0 11	3 10	24 14	0 33	21 56	0 17	20 6	1 10	15 39	1 24	0 58	2 39	21 24	0 41	15 15	1 29	30 34	6 47	11 37	11 7	7 38		n.a.
F 12	22 19	4n27	2 5	24 2	0 23	22 11	0 19	19 56	1 9	15 36	1 24	0 58	2 39	21 25	0 41	15 15	1 28	30 34	6 47	11 38	11 6	7 36		n.a.
S 13	22 27	8 50	0 53	23 48	0 13	22 25	0 22	19 46	1 8	15 33	1 24	0 58	2 39	21 25	0 41	15 14	1 28	30 34	6 47	11 38	11 5	7 34		n.a.
S 14	22 35	12 41	0s21	23 33	0 3	22 39	0 24	19 36	1 7	15 31	1 24	0 58	2 39	21 25	0 41	15 14	1 28	30 34	6 47	11 38	11 4	7 32		n.a.
M15	22 42	15 49	1 33	23 18	0s 8	22 52	0 26	19 25	1 6	15 28	1 24	0 58	2 38	21 26	0 41	15 13	1 28	30 34	6 47	11 38	11 2	7 30		n.a.
T 16	22 50	18 3	2 39	23 3	0 19	23 5	0 28	19 14	1 6	15 25	1 23	0 58	2 38	21 26	0 41	15 13	1 28	30 34	6 47	11 37	11 1	7 28		n.a.
W17	22 56	19 17	3 35	22 46	0 31	23 16	0 31	19 4	1 5	15 22	1 23	0 58	2 38	21 26	0 41	15 13	1 28	30 34	6 47	11 35	11 0	7 27		n.a.
T 18	23 3	19 28	4 19	22 30	0 43	23 28	0 33	18 53	1 4	15 19	1 23	0 57	2 37	21 27	0 41	15 12	1 28	30 34	6 47	11 32	10 59	7 25		n.a.
F 19	23 9	18 40	4 49	22 13	0 55	23 38	0 35	18 42	1 3	15 16	1 23	0 57	2 37	21 27	0 41	15 12	1 28	30 34	6 47	11 29	10 58	7 23		n.a.
S 20	23 14	16 59	5 5	21 56	1 7	23 48	0 37	18 30	1 2	15 13	1 23	0 57	2 37	21 27	0 41	15 11	1 28	30 34	6 47	11 26	10 57	7 21		n.a.
S 21	23 19	14 34	5 6	21 39	1 20	23 57	0 39	18 19	1 2	15 10	1 22	0 56	2 37	21 28	0 41	15 11	1 28	30 34	6 47	11 23	10 56	7 19		n.a.
M22	23 24	11 34	4 54	21 23	1 33	24 5	0 41	18 8	1 1	15 7	1 22	0 56	2 36	21 28	0 42	15 11	1 28	30 34	6 47	11 21	10 54	7 17		n.a.
T 23	23 28	8 7	4 29	21 6	1 46	24 13	0 43	17 56	1 0	15 4	1 22	0 56	2 36	21 29	0 42	15 10	1 28	30 34	6 47	11 19	10 53	7 15		n.a.
W24	23 32	4 22	3 53	20 49	1 59	24 20	0 45	17 44	0 59	15 1	1 22	0 55	2 36	21 29	0 42	15 10	1 28	30 34	6 47	11 18	10 52	7 13		n.a.
T 25	23 36	0 27	3 6	20 33	2 12	24 26	0 47	17 32	0 58	14 58	1 22	0 55	2 36	21 29	0 42	15 9	1 28	30 34	6 47	11 18	10 51	7 11		n.a.
F 26	23 39	3s32	2 11	20 18	2 25	24 31	0 49	17 20	0 58	14 54	1 22	0 54	2 35	21 30	0 42	15 9	1 28	30 34	6 47	11 18	10 50	7 9		n.a.
S 27	23 42	7 27	1 10	20 3	2 38	24 36	0 51	17 8	0 57	14 51	1 21	0 53	2 35	21 30	0 42	15 8	1 28	30 34	6 47	11 18	10 49	7 7		n.a.
S 28	23 44	11 7	0 4	19 49	2 51	24 40	0 53	16 56	0 56	14 48	1 21	0 53	2 35	21 31	0 42	15 8	1 28	30 34	6 47	11 19	10 47	7 5		n.a.
M29	23 46	14 24	1n 4	19 35	3 4	24 43	0 55	16 44	0 55	14 44	1 21	0 52	2 34	21 31	0 42	15 7	1 28	30 34	6 47	11 18	10 46	7 3		n.a.
T 30	23n47	17s 2	2n11	19n23	3s16	24n46	0n57	16n31	0n54	14n41	1n21	0n51	2n34	21s31	0s42	15n 7	1n28	30n34	6n47	11s17	10s45	7n 1		n.a.

Julian Day Number = 1348654.5, Delta T = 07h09m18s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'54, Lahiri = -18°02'54 Julian Calendar 1 June 1021 BCE == Greg. Calendar 22 May 1021 BCE

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

JULY 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 57 57	28♊14'48	7♐55	17°R33	0♋41	18♌42	25♌ 5	3♎44	28°R11	24♌ 0	2♋54	28°R55	27♎28	1♍56	n.a.	W 1
T 2	18 1 54	29°12'16	21°53	17♋22	1°56	19°20	25°15	3°45	28♑ 9	24° 2	2°55	28♎48	27°25	2° 3	n.a.	T 2
F 3	18 5 50	0♋ 9'46	6♑12	17° 6	3°10	19°58	25°25	3°47	28° 7	24° 3	2°57	28°39	27°22	2° 9	n.a.	F 3
S 4	18 9 47	1° 7'17	20°46	16°44	4°24	20°36	25°34	3°48	28° 5	24° 5	2°59	28°30	27°18	2°16	n.a.	S 4
S 5	18 13 43	2° 4'50	5♒27	16°17	5°38	21°14	25°44	3°50	28° 3	24° 6	3° 1	28°21	27°15	2°23	n.a.	S 5
M 6	18 17 40	3° 2'24	20° 8	15°45	6°52	21°52	25°54	3°52	28° 1	24° 8	3° 3	28°13	27°12	2°29	n.a.	M 6
T 7	18 21 36	4° 0'00	4♓42	15° 9	8° 7	22°31	26° 5	3°53	27°59	24° 9	3° 4	28° 8	27° 9	2°36	n.a.	T 7
W 8	18 25 33	4°57'37	19° 5	14°28	9°21	23° 9	26°15	3°55	27°56	24°11	3° 6	28° 5	27° 6	2°43	n.a.	W 8
T 9	18 29 29	5°55'16	3♈13	13°44	10°35	23°48	26°25	3°57	27°54	24°12	3° 8	28°D 4	27° 3	2°50	n.a.	T 9
F 10	18 33 26	6°52'57	17° 5	12°56	11°49	24°26	26°36	3°59	27°52	24°14	3°10	28° 4	26°59	2°56	n.a.	F 10
S 11	18 37 23	7°50'39	0♉43	12° 6	13° 4	25° 5	26°46	4° 2	27°50	24°16	3°12	28°R 4	26°56	3° 3	n.a.	S 11
S 12	18 41 19	8°48'24	14° 7	11°15	14°18	25°44	26°57	4° 4	27°48	24°17	3°13	28° 3	26°53	3°10	n.a.	S 12
M13	18 45 16	9°46'10	27°18	10°23	15°32	26°22	27° 7	4° 6	27°45	24°19	3°15	28° 0	26°50	3°16	n.a.	M13
T 14	18 49 12	10°43'58	10♊17	9°32	16°47	27° 1	27°18	4° 9	27°43	24°21	3°17	27°54	26°47	3°23	n.a.	T 14
W15	18 53 9	11°41'48	23° 5	8°42	18° 1	27°40	27°29	4°11	27°41	24°23	3°19	27°46	26°43	3°30	n.a.	W15
T 16	18 57 5	12°39'40	5♋42	7°55	19°15	28°19	27°40	4°14	27°39	24°24	3°21	27°35	26°40	3°36	n.a.	T 16
F 17	19 1 2	13°37'33	18° 8	7°12	20°30	28°59	27°51	4°17	27°36	24°26	3°22	27°22	26°37	3°43	n.a.	F 17
S 18	19 4 58	14°35'28	0♌24	6°33	21°44	29°38	28° 2	4°20	27°34	24°28	3°24	27° 9	26°34	3°50	n.a.	S 18
S 19	19 8 55	15°33'25	12°29	5°59	22°59	0♍17	28°13	4°22	27°32	24°30	3°26	26°56	26°31	3°57	n.a.	S 19
M20	19 12 52	16°31'23	24°27	5°32	24°13	0°56	28°24	4°25	27°29	24°32	3°28	26°45	26°28	4° 3	n.a.	M20
T 21	19 16 48	17°29'22	6♍18	5°12	25°27	1°36	28°35	4°29	27°27	24°33	3°30	26°37	26°24	4°10	n.a.	T 21
W22	19 20 45	18°27'23	18° 7	4°59	26°42	2°15	28°47	4°32	27°25	24°35	3°31	26°31	26°21	4°17	n.a.	W22
T 23	19 24 41	19°25'26	29°57	4°D54	27°56	2°55	28°58	4°35	27°22	24°37	3°33	26°27	26°18	4°23	n.a.	T 23
F 24	19 28 38	20°23'30	11♎53	4°57	29°11	3°35	29° 9	4°38	27°20	24°39	3°35	26°26	26°15	4°30	n.a.	F 24
S 25	19 32 34	21°21'36	24° 0	5° 8	0♌25	4°14	29°21	4°42	27°18	24°41	3°37	26°26	26°12	4°37	n.a.	S 25
S 26	19 36 31	22°19'44	6♏23	5°28	1°40	4°54	29°32	4°45	27°15	24°43	3°38	26°26	26° 8	4°43	n.a.	S 26
M27	19 40 27	23°17'53	19° 9	5°56	2°54	5°34	29°44	4°49	27°13	24°45	3°40	26°25	26° 5	4°50	n.a.	M27
T 28	19 44 24	24°16'03	2♐20	6°32	4° 9	6°14	29°56	4°52	27°10	24°47	3°42	26°21	26° 2	4°57	n.a.	T 28
W29	19 48 21	25°14'16	15°59	7°17	5°23	6°54	0♍ 8	4°56	27° 8	24°49	3°44	26°15	25°59	5° 3	n.a.	W29
T 30	19 52 17	26°12'30	0♑ 8	8° 9	6°38	7°34	0°19	5° 0	27° 6	24°51	3°45	26° 7	25°56	5°10	n.a.	T 30
F 31	19 56 14	27♋10'46	14♑41	9♋ 8	7♌52	8♍14	0♍31	5♎ 4	27♑ 3	24♌53	3♋47	25♎56	25♎53	5♍17	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23n48	18s49	3n12	19n12	3s28	24n47	0n59	16n18	0n54	14n38	1n21	0n51	2n34	21s32	0s42	15n 6	1n28	30n34	6n47	11s16	10s44	7n 0			n.a.
T 2	23 49	19 31	4 3	19 2	3 40	24 48	1 0	16 6	0 53	14 34	1 20	0 50	2 34	21 32	0 42	15 6	1 28	30 34	6 47	11 13	10 43	6 58			n.a.
F 3	23 49	18 59	4 41	18 53	3 51	24 48	1 2	15 53	0 52	14 31	1 20	0 49	2 33	21 33	0 42	15 5	1 28	30 34	6 47	11 10	10 42	6 56			n.a.
S 4	23 49	17 14	5 1	18 46	4 1	24 48	1 3	15 40	0 51	14 27	1 20	0 48	2 33	21 33	0 42	15 5	1 28	30 34	6 47	11 6	10 40	6 54			n.a.
S 5	23 48	14 20	5 1	18 40	4 10	24 47	1 5	15 26	0 51	14 23	1 20	0 47	2 33	21 34	0 42	15 4	1 28	30 34	6 47	11 3	10 39	6 52			n.a.
M 6	23 47	10 33	4 42	18 36	4 18	24 44	1 7	15 13	0 50	14 20	1 20	0 46	2 33	21 34	0 42	15 4	1 28	30 34	6 47	11 0	10 38	6 50			n.a.
T 7	23 45	6 9	4 4	18 34	4 24	24 42	1 8	15 0	0 49	14 16	1 20	0 45	2 32	21 34	0 42	15 3	1 28	30 34	6 47	10 59	10 37	6 48			n.a.
W 8	23 43	1 27	3 12	18 33	4 30	24 38	1 9	14 46	0 48	14 13	1 20	0 44	2 32	21 35	0 42	15 3	1 28	30 34	6 48	10 57	10 36	6 46			n.a.
T 9	23 41	3n15	2 8	18 34	4 33	24 34	1 11	14 33	0 47	14 9	1 19	0 43	2 32	21 35	0 42	15 2	1 28	30 34	6 48	10 57	10 35	6 44			n.a.
F 10	23 38	7 42	0 58	18 36	4 35	24 29	1 12	14 19	0 47	14 5	1 19	0 42	2 32	21 36	0 42	15 1	1 28	30 34	6 48	10 57	10 34	6 42			n.a.
S 11	23 35	11 41	0s14	18 41	4 36	24 23	1 13	14 5	0 46	14 1	1 19	0 41	2 31	21 36	0 42	15 1	1 28	30 34	6 48	10 57	10 32	6 40			n.a.
S 12	23 31	14 59	1 24	18 47	4 34	24 16	1 15	13 51	0 45	13 57	1 19	0 40	2 31	21 37	0 42	15 0	1 28	30 34	6 48	10 57	10 31	6 38			n.a.
M13	23 27	17 27	2 28	18 54	4 30	24 9	1 16	13 37	0 44	13 54	1 19	0 39	2 31	21 37	0 42	15 0	1 28	30 34	6 48	10 56	10 30	6 36			n.a.
T 14	23 22	18 59	3 24	19 4	4 25	24 1	1 17	13 23	0 44	13 50	1 19	0 37	2 30	21 38	0 42	14 59	1 27	30 34	6 48	10 54	10 29	6 34			n.a.
W15	23 17	19 30	4 8	19 14	4 18	23 52	1 18	13 8	0 43	13 46	1 19	0 36	2 30	21 38	0 42	14 58	1 27	30 34	6 48	10 50	10 28	6 32			n.a.
T 16	23 12	19 2	4 39	19 26	4 9	23 42	1 19	12 54	0 42	13 42	1 18	0 35	2 30	21 39	0 42	14 58	1 27	30 34	6 48	10 46	10 27	6 30			n.a.
F 17	23 6	17 40	4 57	19 39	3 58	23 32	1 20	12 39	0 41	13 38	1 18	0 33	2 30	21 39	0 42	14 57	1 27	30 34	6 48	10 42	10 25	6 29			n.a.
S 18	23 0	15 30	5 0	19 53	3 46	23 21	1 21	12 25	0 40	13 34	1 18	0 32	2 29	21 40	0 42	14 57	1 27	30 35	6 48	10 37	10 24	6 27			n.a.
S 19	22 53	12 41	4 50	20 9	3 32	23 10	1 21	12 10	0 40	13 30	1 18	0 31	2 29	21 40	0 42	14 56	1 27	30 35	6 49	10 32	10 23	6 25			n.a.
M20	22 46	9 23	4 27	20 25	3 17	22 57	1 22	11 55	0 39	13 26	1 18	0 29	2 29	21 41	0 42	14 55	1 27	30 35	6 49	10 28	10 22	6 23			n.a.
T 21	22 39	5 45	3 52	20 41	3 2	22 44	1 23	11 40	0 38	13 22	1 18	0 28	2 29	21 41	0 42	14 55	1 27	30 35	6 49	10 25	10 21	6 21			n.a.
W22	22 31	1 53	3 8	20 58	2 45	22 31	1 23	11 25	0 37	13 18	1 18	0 26	2 28	21 41	0 42	14 54	1 27	30 35	6 49	10 23	10 20	6 19			n.a.
T 23	22 23	2s 3	2 15	21 15	2 28	22 16	1 24	11 10	0 37	13 13	1 18	0 25	2 28	21 42	0 42	14 53	1 27	30 35	6 49	10 22	10 18	6 17			n.a.
F 24	22 14	5 56	1 16	21 33	2 11	22 1	1 24	10 54	0 36	13 9	1 17	0 23	2 28	21 42	0 42	14 53	1 27	30 35	6 49	10 21	10 17	6 15			n.a.
S 25	22 5	9 39	0 13	21 50	1 53	21 45	1 25	10 39	0 35	13 5	1 17	0 22	2 28	21 43	0 42	14 52	1 27	30 35	6 49	10 21	10 16	6 13			n.a.
S 26	21 56	13 2	0n52	22 7	1 36	21 29	1 25	10 24	0 34	13 1	1 17	0 20	2 27	21 43	0 42	14 51	1 27	30 35	6 49	10 21	10 15	6 11			n.a.
M27	21 46	15 54	1 57	22 23	1 18	21 12	1 26	10 8	0 34	12 57	1 17	0 18	2 27	21 44	0 42	14 51	1 27	30 35	6 50	10 21	10 14	6 9			n.a.
T 28	21 36	18 3	2 58	22 38	1 1	20 55	1 26	9 52	0 33	12 52	1 17	0 17	2 27	21 44	0 42	14 50	1 27	30 35	6 50	10 20	10 13	6 7			n.a.
W29	21 25	19 15	3 50	22 52	0 44	20 36	1 26	9 37	0 32	12 48	1 17	0 15	2 27	21 45	0 42	14 49	1 27	30 35	6 50	10 17	10 11	6 5			n.a.
T 30	21 14	19 18	4 31	23 5	0 28	20 18	1 26	9 21	0 31	12 44	1 17	0 13	2 27	21 45	0 42	14 49	1 27	30 35	6 50	10 14	10 10	6 3			n.a.
F 31	21n 3	18s 6	4n55	23n17	0s13	19n58	1n26	9n 5	0n31	12n39	1n17	0n11	2n26	21s46	0s42	14n48	1n27	30n36	6n50	10s10	10s 9	6n 1			n.a.

Julian Day Number = 1348684.5, Delta T = 07h09m16s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'50, Lahiri = -18°02'49 Julian Calendar 1 July 1021 BCE == Greg. Calendar 21 June 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

AUGUST 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 0 10	28♋ 9'04	29♑35	10♋15	9♌ 7	8♍55	0♍43	5♎ 8	27°R 1	24♌55	3♋49	25°R45	25♎49	5♍24	n.a.	S 1
S 2	20 4 7	29° 7'23	14♒38	11°27	10°21	9°35	0°55	5°12	26♑58	24°57	3°50	25♎34	25°46	5°30	n.a.	S 2
M 3	20 8 3	0♌ 5'45	29°43	12°46	11°36	10°15	1° 7	5°16	26°56	24°59	3°52	25°25	25°43	5°37	n.a.	M 3
T 4	20 12 0	1° 4'09	14♓38	14°11	12°50	10°56	1°19	5°20	26°54	25° 1	3°54	25°18	25°40	5°44	n.a.	T 4
W 5	20 15 56	2° 2'35	29°17	15°40	14° 5	11°36	1°32	5°25	26°51	25° 3	3°55	25°14	25°37	5°50	n.a.	W 5
T 6	20 19 53	3° 1'03	13♈35	17°14	15°20	12°17	1°44	5°29	26°49	25° 5	3°57	25°12	25°34	5°57	n.a.	T 6
F 7	20 23 50	3°59'34	27°31	18°52	16°34	12°58	1°56	5°33	26°47	25° 7	3°58	25°12	25°30	6° 4	n.a.	F 7
S 8	20 27 46	4°58'07	11♉ 5	20°32	17°49	13°39	2° 8	5°38	26°44	25° 9	4° 0	25°12	25°27	6°10	n.a.	S 8
S 9	20 31 43	5°56'43	24°20	22°16	19° 3	14°19	2°21	5°42	26°42	25°12	4° 2	25°11	25°24	6°17	n.a.	S 9
M10	20 35 39	6°55'21	7♊18	24° 2	20°18	15° 0	2°33	5°47	26°39	25°14	4° 3	25° 8	25°21	6°24	n.a.	M10
T 11	20 39 36	7°54'01	20° 2	25°50	21°32	15°41	2°45	5°52	26°37	25°16	4° 5	25° 2	25°18	6°30	n.a.	T 11
W12	20 43 32	8°52'44	2♋33	27°39	22°47	16°22	2°58	5°56	26°35	25°18	4° 6	24°53	25°14	6°37	n.a.	W12
T 13	20 47 29	9°51'28	14°55	29°29	24° 2	17° 4	3°10	6° 1	26°32	25°20	4° 8	24°42	25°11	6°44	n.a.	T 13
F 14	20 51 25	10°50'16	27° 7	1♌20	25°16	17°45	3°23	6° 6	26°30	25°22	4° 9	24°29	25° 8	6°51	n.a.	F 14
S 15	20 55 22	11°49'05	9♌12	3°11	26°31	18°26	3°36	6°11	26°28	25°25	4°11	24°16	25° 5	6°57	n.a.	S 15
S 16	20 59 18	12°47'56	21°10	5° 3	27°45	19° 7	3°48	6°16	26°26	25°27	4°12	24° 3	25° 2	7° 4	n.a.	S 16
M17	21 3 15	13°46'49	3♍ 3	6°54	29° 0	19°49	4° 1	6°21	26°23	25°29	4°14	23°52	24°59	7°11	n.a.	M17
T 18	21 7 12	14°45'45	14°52	8°46	0♍15	20°30	4°14	6°26	26°21	25°31	4°15	23°43	24°55	7°17	n.a.	T 18
W19	21 11 8	15°44'42	26°40	10°37	1°29	21°12	4°26	6°32	26°19	25°33	4°17	23°37	24°52	7°24	n.a.	W19
T 20	21 15 5	16°43'42	8♎29	12°27	2°44	21°53	4°39	6°37	26°17	25°36	4°18	23°33	24°49	7°31	n.a.	T 20
F 21	21 19 1	17°42'43	20°24	14°17	3°59	22°35	4°52	6°42	26°14	25°38	4°20	23°D32	24°46	7°37	n.a.	F 21
S 22	21 22 58	18°41'47	2♏30	16° 6	5°13	23°17	5° 5	6°48	26°12	25°40	4°21	23°32	24°43	7°44	n.a.	S 22
S 23	21 26 54	19°40'52	14°50	17°55	6°28	23°59	5°17	6°53	26°10	25°42	4°22	23°R33	24°40	7°51	n.a.	S 23
M24	21 30 51	20°39'59	27°31	19°43	7°42	24°41	5°30	6°59	26° 8	25°44	4°24	23°33	24°36	7°57	n.a.	M24
T 25	21 34 47	21°39'08	10♐37	21°30	8°57	25°23	5°43	7° 4	26° 6	25°47	4°25	23°31	24°33	8° 4	n.a.	T 25
W26	21 38 44	22°38'20	24°12	23°16	10°12	26° 5	5°56	7°10	26° 4	25°49	4°26	23°27	24°30	8°11	n.a.	W26
T 27	21 42 40	23°37'33	8♑17	25° 2	11°26	26°47	6° 9	7°16	26° 2	25°51	4°28	23°21	24°27	8°17	n.a.	T 27
F 28	21 46 37	24°36'48	22°50	26°46	12°41	27°29	6°22	7°21	26° 0	25°53	4°29	23°13	24°24	8°24	n.a.	F 28
S 29	21 50 34	25°36'05	7♒47	28°30	13°55	28°11	6°35	7°27	25°58	25°56	4°30	23° 4	24°20	8°31	n.a.	S 29
S 30	21 54 30	26°35'24	23° 0	0♍13	15°10	28°54	6°48	7°33	25°56	25°58	4°31	22°55	24°17	8°38	n.a.	S 30
M31	21 58 27	27♌34'45	8♓18	1♍55	16♍24	29♍36	7♍ 1	7♎39	25♑54	26♌ 0	4♋33	22♎48	24♎14	8♍44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n51	15s40	5n 0	23n27	0n 2	19n38	1n26	8n49	0n30	12n35	1n17	0n10	2n26	21s46	0s42	14n47	1n27	30n36	6n50	10s 6	10s 8	5n59		n.a.
S 2	20 39	12 10	4 44	23 35	0 16	19 18	1 26	8 33	0 29	12 30	1 17	0 8	2 26	21 47	0 42	14 46	1 27	30 36	6 50	10 2	10 7	5 58		n.a.
M 3	20 27	7 52	4 9	23 40	0 29	18 57	1 26	8 16	0 28	12 26	1 16	0 6	2 26	21 47	0 42	14 46	1 27	30 36	6 51	9 59	10 5	5 56		n.a.
T 4	20 14	3 7	3 17	23 43	0 41	18 35	1 26	8 0	0 28	12 22	1 16	0 4	2 25	21 48	0 42	14 45	1 27	30 36	6 51	9 56	10 4	5 54		n.a.
W 5	20 1	1n44	2 13	23 44	0 52	18 13	1 25	7 44	0 27	12 17	1 16	0 2	2 25	21 48	0 42	14 44	1 27	30 36	6 51	9 55	10 3	5 52		n.a.
T 6	19 47	6 23	1 1	23 42	1 2	17 51	1 25	7 27	0 26	12 13	1 16	0 0	2 25	21 49	0 42	14 44	1 27	30 36	6 51	9 54	10 2	5 50		n.a.
F 7	19 34	10 34	0s12	23 38	1 11	17 27	1 24	7 11	0 25	12 8	1 16	0s 2	2 25	21 49	0 42	14 43	1 27	30 36	6 51	9 54	10 1	5 48		n.a.
S 8	19 19	14 4	1 23	23 31	1 19	17 4	1 24	6 54	0 25	12 3	1 16	0 4	2 25	21 50	0 42	14 42	1 27	30 36	6 51	9 54	10 0	5 46		n.a.
S 9	19 5	16 46	2 28	23 21	1 26	16 40	1 23	6 38	0 24	11 59	1 16	0 6	2 24	21 50	0 42	14 41	1 27	30 36	6 52	9 54	9 58	5 44		n.a.
M10	18 50	18 32	3 23	23 9	1 32	16 15	1 23	6 21	0 23	11 54	1 16	0 8	2 24	21 51	0 42	14 41	1 27	30 37	6 52	9 52	9 57	5 42		n.a.
T 11	18 35	19 19	4 7	22 54	1 37	15 50	1 22	6 4	0 22	11 50	1 16	0 10	2 24	21 51	0 42	14 40	1 27	30 37	6 52	9 50	9 56	5 40		n.a.
W12	18 19	19 9	4 39	22 37	1 41	15 25	1 21	5 47	0 22	11 45	1 16	0 12	2 24	21 51	0 42	14 39	1 27	30 37	6 52	9 47	9 55	5 38		n.a.
T 13	18 3	18 3	4 57	22 17	1 45	14 59	1 21	5 30	0 21	11 40	1 16	0 14	2 23	21 52	0 42	14 38	1 27	30 37	6 52	9 43	9 54	5 36		n.a.
F 14	17 47	16 9	5 1	21 55	1 47	14 33	1 20	5 13	0 20	11 36	1 16	0 16	2 23	21 52	0 42	14 38	1 27	30 37	6 52	9 38	9 53	5 34		n.a.
S 15	17 31	13 33	4 51	21 31	1 49	14 6	1 19	4 56	0 19	11 31	1 16	0 19	2 23	21 53	0 42	14 37	1 27	30 37	6 53	9 33	9 51	5 32		n.a.
S 16	17 14	10 26	4 29	21 5	1 50	13 39	1 18	4 39	0 19	11 26	1 15	0 21	2 23	21 53	0 42	14 36	1 27	30 37	6 53	9 28	9 50	5 30		n.a.
M17	16 57	6 54	3 55	20 37	1 50	13 12	1 17	4 22	0 18	11 21	1 15	0 23	2 23	21 54	0 42	14 35	1 27	30 38	6 53	9 24	9 49	5 28		n.a.
T 18	16 40	3 8	3 10	20 7	1 50	12 44	1 15	4 5	0 17	11 17	1 15	0 25	2 22	21 54	0 42	14 35	1 27	30 38	6 53	9 21	9 48	5 26		n.a.
W19	16 22	0s45	2 18	19 36	1 49	12 16	1 14	3 48	0 16	11 12	1 15	0 28	2 22	21 54	0 42	14 34	1 27	30 38	6 53	9 18	9 47	5 25		n.a.
T 20	16 4	4 38	1 19	19 3	1 48	11 48	1 13	3 30	0 16	11 7	1 15	0 30	2 22	21 55	0 42	14 33	1 27	30 38	6 54	9 17	9 45	5 23		n.a.
F 21	15 46	8 21	0 17	18 29	1 46	11 19	1 12	3 13	0 15	11 2	1 15	0 32	2 22	21 55	0 42	14 32	1 27	30 38	6 54	9 17	9 44	5 21		n.a.
S 22	15 27	11 47	0n48	17 54	1 43	10 50	1 10	2 55	0 14	10 58	1 15	0 34	2 22	21 56	0 42	14 32	1 27	30 38	6 54	9 17	9 43	5 19		n.a.
S 23	15 9	14 46	1 51	17 17	1 40	10 21	1 9	2 38	0 13	10 53	1 15	0 37	2 22	21 56	0 42	14 31	1 27	30 38	6 54	9 17	9 42	5 17		n.a.
M24	14 50	17 8	2 51	16 40	1 37	9 51	1 7	2 20	0 13	10 48	1 15	0 39	2 21	21 57	0 42	14 30	1 27	30 39	6 54	9 17	9 41	5 15		n.a.
T 25	14 30	18 41	3 44	16 1	1 33	9 21	1 6	2 3	0 12	10 43	1 15	0 42	2 21	21 57	0 42	14 29	1 27	30 39	6 55	9 16	9 40	5 13		n.a.
W26	14 11	19 15	4 27	15 22	1 29	8 51	1 4	1 45	0 11	10 38	1 15	0 44	2 21	21 57	0 42	14 29	1 27	30 39	6 55	9 15	9 38	5 11		n.a.
T 27	13 51	18 39	4 55	14 42	1 25	8 21	1 3	1 28	0 10	10 33	1 15	0 46	2 21	21 58	0 42	14 28	1 27	30 39	6 55	9 12	9 37	5 9		n.a.
F 28	13 31	16 50	5 5	14 2	1 20	7 50	1 1	1 10	0 10	10 28	1 15	0 49	2 21	21 58	0 42	14 27	1 27	30 39	6 55	9 10	9 36	5 7		n.a.
S 29	13 11	13 51	4 55	13 21	1 15	7 20	0 59	0 52	0 9	10 23	1 15	0 51	2 21	21 58	0 42	14 26	1 27	30 39	6 56	9 6	9 35	5 5		n.a.
S 30	12 51	9 54	4 25	12 39	1 10	6 49	0 57	0 34	0 8	10 18	1 15	0 54	2 20	21 59	0 42	14 25	1 27	30 40	6 56	9 3	9 34	5 3		n.a.
M31	12n30	5s16	3n35	11n57	1n 4	6n18	0n55	0n17	0n 8	10n14	1n15	0s56	2n20	21s59	0s42	14n25	1n27	30n40	6n56	9s 0	9s32	5n 1		n.a.

Julian Day Number = 1348715.5, Delta T = 07h09m15s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'46, Lahiri = -18°02'45 Julian Calendar 1 Aug. 1021 BCE == Greg. Calendar 22 July 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

SEPTEMBER 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 2 23	28♌34'08	23♓30	3♍37	17♍39	0♎19	7♍14	7♎45	25°R52	26♌ 2	4♋34	22°R43	24♎11	8♍51	n.a.	T 1
W 2	22 6 20	29°33'34	8♈26	5°17	18°54	1° 1	7°27	7°51	25♏50	26° 5	4°35	22♎40	24° 8	8°58	n.a.	W 2
T 3	22 10 16	0♍33'02	22°59	6°57	20° 8	1°44	7°40	7°57	25°48	26° 7	4°36	22°D39	24° 5	9° 4	n.a.	T 3
F 4	22 14 13	1°32'32	7♉ 7	8°36	21°23	2°26	7°53	8° 3	25°46	26° 9	4°37	22°39	24° 1	9°11	n.a.	F 4
S 5	22 18 9	2°32'05	20°49	10°14	22°37	3° 9	8° 6	8° 9	25°45	26°11	4°38	22°40	23°58	9°18	n.a.	S 5
S 6	22 22 6	3°31'41	4♊ 6	11°52	23°52	3°52	8°20	8°15	25°43	26°13	4°40	22°R41	23°55	9°24	n.a.	S 6
M 7	22 26 3	4°31'19	17° 1	13°29	25° 6	4°35	8°33	8°21	25°41	26°16	4°41	22°40	23°52	9°31	n.a.	M 7
T 8	22 29 59	5°30'59	29°38	15° 5	26°21	5°18	8°46	8°28	25°39	26°18	4°42	22°37	23°49	9°38	n.a.	T 8
W 9	22 33 56	6°30'42	12♋ 0	16°41	27°35	6° 1	8°59	8°34	25°38	26°20	4°43	22°32	23°46	9°44	n.a.	W 9
T 10	22 37 52	7°30'27	24°11	18°16	28°50	6°44	9°12	8°40	25°36	26°22	4°44	22°26	23°42	9°51	n.a.	T 10
F 11	22 41 49	8°30'15	6♌14	19°50	0♎ 4	7°27	9°25	8°47	25°35	26°25	4°45	22°17	23°39	9°58	n.a.	F 11
S 12	22 45 45	9°30'04	18°10	21°23	1°19	8°10	9°38	8°53	25°33	26°27	4°46	22° 9	23°36	10° 4	n.a.	S 12
S 13	22 49 42	10°29'56	0♍ 2	22°56	2°34	8°53	9°52	9° 0	25°32	26°29	4°46	22° 1	23°33	10°11	n.a.	S 13
M14	22 53 38	11°29'50	11°52	24°29	3°48	9°37	10° 5	9° 6	25°30	26°31	4°47	21°54	23°30	10°18	n.a.	M14
T 15	22 57 35	12°29'46	23°41	26° 1	5° 3	10°20	10°18	9°13	25°29	26°33	4°48	21°48	23°26	10°24	n.a.	T 15
W16	23 1 31	13°29'44	5♎32	27°32	6°17	11° 3	10°31	9°19	25°27	26°35	4°49	21°45	23°23	10°31	n.a.	W16
T 17	23 5 28	14°29'44	17°25	29° 3	7°32	11°47	10°44	9°26	25°26	26°38	4°50	21°D43	23°20	10°38	n.a.	T 17
F 18	23 9 25	15°29'46	29°25	0♎33	8°46	12°31	10°57	9°32	25°25	26°40	4°51	21°43	23°17	10°45	n.a.	F 18
S 19	23 13 21	16°29'50	11♏35	2° 2	10° 0	13°14	11°10	9°39	25°23	26°42	4°51	21°45	23°14	10°51	n.a.	S 19
S 20	23 17 18	17°29'56	23°57	3°31	11°15	13°58	11°24	9°46	25°22	26°44	4°52	21°47	23°11	10°58	n.a.	S 20
M21	23 21 14	18°30'03	6♐37	4°59	12°29	14°42	11°37	9°52	25°21	26°46	4°53	21°48	23° 7	11° 5	n.a.	M21
T 22	23 25 11	19°30'12	19°39	6°27	13°44	15°26	11°50	9°59	25°20	26°48	4°54	21°R49	23° 4	11°11	n.a.	T 22
W23	23 29 7	20°30'23	3♑ 5	7°54	14°58	16° 9	12° 3	10° 6	25°19	26°50	4°54	21°48	23° 1	11°18	n.a.	W23
T 24	23 33 4	21°30'36	16°58	9°20	16°13	16°53	12°16	10°13	25°18	26°52	4°55	21°46	22°58	11°25	n.a.	T 24
F 25	23 37 0	22°30'50	1♒18	10°46	17°27	17°37	12°29	10°19	25°17	26°54	4°55	21°42	22°55	11°31	n.a.	F 25
S 26	23 40 57	23°31'06	16° 3	12°11	18°41	18°21	12°42	10°26	25°16	26°57	4°56	21°39	22°51	11°38	n.a.	S 26
S 27	23 44 53	24°31'23	1♓ 6	13°35	19°56	19° 6	12°55	10°33	25°15	26°59	4°57	21°35	22°48	11°45	n.a.	S 27
M28	23 48 50	25°31'43	16°20	14°59	21°10	19°50	13° 8	10°40	25°14	27° 1	4°57	21°31	22°45	11°51	n.a.	M28
T 29	23 52 47	26°32'04	1♈33	16°21	22°24	20°34	13°21	10°47	25°13	27° 3	4°58	21°29	22°42	11°58	n.a.	T 29
W30	23 56 43	27♍32'26	16♈37	17♎43	23♎39	21♎18	13♍34	10♎54	25♏13	27♌ 5	4♋58	21°D28	22♎39	12♍ 5	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n 9	0s20	2n30	11n15	0n59	5n46	0n53	0s 1	0n 7	10n 9	1n15	0s59	2n20	21s59	0s42	14n24	1n27	30n40	6n56	8s58	9s31	4n59		n.a.
W 2	11 48	4n33	1 16	10 32	0 53	5 15	0 51	0 19	0 6	10 4	1 15	1 1	2 20	22 0	0 42	14 23	1 27	30 40	6 56	8 57	9 30	4 57		n.a.
T 3	11 27	9 3	0s 2	9 49	0 47	4 43	0 49	0 37	0 5	9 59	1 15	1 4	2 20	22 0	0 42	14 22	1 27	30 40	6 57	8 57	9 29	4 55		n.a.
F 4	11 6	12 53	1 17	9 6	0 41	4 12	0 47	0 55	0 5	9 54	1 15	1 6	2 20	22 0	0 42	14 22	1 27	30 41	6 57	8 57	9 28	4 53		n.a.
S 5	10 44	15 54	2 26	8 22	0 34	3 40	0 45	1 13	0 4	9 49	1 15	1 9	2 20	22 1	0 42	14 21	1 27	30 41	6 57	8 57	9 26	4 51		n.a.
S 6	10 22	17 57	3 25	7 39	0 28	3 8	0 43	1 31	0 3	9 44	1 15	1 12	2 19	22 1	0 42	14 20	1 27	30 41	6 57	8 57	9 25	4 49		n.a.
M 7	10 0	19 0	4 11	6 55	0 21	2 36	0 41	1 49	0 2	9 39	1 15	1 14	2 19	22 1	0 42	14 19	1 27	30 41	6 58	8 57	9 24	4 48		n.a.
T 8	9 38	19 5	4 44	6 12	0 15	2 4	0 39	2 6	0 2	9 34	1 15	1 17	2 19	22 2	0 42	14 19	1 27	30 41	6 58	8 56	9 23	4 46		n.a.
W 9	9 16	18 14	5 3	5 28	0 8	1 32	0 36	2 24	0 1	9 29	1 15	1 19	2 19	22 2	0 42	14 18	1 27	30 42	6 58	8 54	9 22	4 44		n.a.
T 10	8 53	16 33	5 8	4 44	0 1	0 59	0 34	2 42	0 0	9 24	1 15	1 22	2 19	22 2	0 42	14 17	1 27	30 42	6 58	8 52	9 21	4 42		n.a.
F 11	8 31	14 11	4 59	4 0	0s 5	0 27	0 32	3 0	0s 0	9 19	1 15	1 25	2 19	22 3	0 42	14 16	1 27	30 42	6 59	8 49	9 19	4 40		n.a.
S 12	8 8	11 13	4 38	3 17	0 12	0s 5	0 29	3 18	0 1	9 14	1 15	1 27	2 19	22 3	0 42	14 16	1 27	30 42	6 59	8 45	9 18	4 38		n.a.
S 13	7 45	7 50	4 4	2 33	0 19	0 37	0 27	3 36	0 2	9 8	1 15	1 30	2 18	22 3	0 42	14 15	1 27	30 42	6 59	8 42	9 17	4 36		n.a.
M14	7 22	4 9	3 20	1 50	0 26	1 10	0 24	3 54	0 3	9 3	1 15	1 33	2 18	22 3	0 42	14 14	1 27	30 43	6 59	8 40	9 16	4 34		n.a.
T 15	6 59	0 18	2 27	1 7	0 33	1 42	0 22	4 12	0 3	8 58	1 15	1 36	2 18	22 4	0 42	14 13	1 27	30 43	7 0	8 38	9 15	4 32		n.a.
W16	6 35	3s33	1 27	0 24	0 39	2 14	0 19	4 30	0 4	8 53	1 15	1 38	2 18	22 4	0 42	14 13	1 27	30 43	7 0	8 36	9 13	4 30		n.a.
T 17	6 12	7 18	0 23	0s19	0 46	2 47	0 17	4 48	0 5	8 48	1 15	1 41	2 18	22 4	0 42	14 12	1 27	30 43	7 0	8 36	9 12	4 28		n.a.
F 18	5 48	10 47	0n42	1 2	0 53	3 19	0 14	5 6	0 5	8 43	1 15	1 44	2 18	22 4	0 42	14 11	1 27	30 44	7 0	8 36	9 11	4 26		n.a.
S 19	5 25	13 51	1 46	1 44	1 0	3 51	0 12	5 24	0 6	8 38	1 15	1 46	2 18	22 4	0 42	14 11	1 27	30 44	7 1	8 36	9 10	4 24		n.a.
S 20	5 1	16 21	2 47	2 26	1 6	4 23	0 9	5 42	0 7	8 33	1 15	1 49	2 18	22 5	0 42	14 10	1 27	30 44	7 1	8 37	9 9	4 22		n.a.
M21	4 37	18 7	3 41	3 7	1 13	4 55	0 6	6 0	0 7	8 28	1 15	1 52	2 18	22 5	0 42	14 9	1 28	30 44	7 1	8 37	9 7	4 20		n.a.
T 22	4 13	18 59	4 26	3 49	1 19	5 27	0 4	6 17	0 8	8 23	1 15	1 55	2 18	22 5	0 42	14 8	1 28	30 44	7 1	8 38	9 6	4 18		n.a.
W23	3 49	18 50	4 57	4 29	1 26	5 58	0 1	6 35	0 9	8 18	1 15	1 57	2 17	22 5	0 41	14 8	1 28	30 45	7 2	8 37	9 5	4 16		n.a.
T 24	3 25	17 33	5 13	5 10	1 32	6 30	0s 2	6 53	0 10	8 13	1 15	2 0	2 17	22 5	0 41	14 7	1 28	30 45	7 2	8 37	9 4	4 14		n.a.
F 25	3 1	15 9	5 9	5 49	1 38	7 1	0 4	7 11	0 10	8 8	1 15	2 3	2 17	22 6	0 41	14 6	1 28	30 45	7 2	8 35	9 3	4 12		n.a.
S 26	2 37	11 44	4 46	6 29	1 44	7 33	0 7	7 28	0 11	8 3	1 15	2 6	2 17	22 6	0 41	14 6	1 28	30 45	7 2	8 34	9 1	4 11		n.a.
S 27	2 13	7 29	4 2	7 7	1 50	8 4	0 10	7 46	0 12	7 58	1 15	2 9	2 17	22 6	0 41	14 5	1 28	30 46	7 3	8 32	9 0	4 9		n.a.
M28	1 48	2 42	3 1	7 46	1 55	8 35	0 13	8 4	0 12	7 53	1 15	2 11	2 17	22 6	0 41	14 4	1 28	30 46	7 3	8 31	8 59	4 7		n.a.
T 29	1 24	2n16	1 48	8 23	2 1	9 6	0 15	8 21	0 13	7 48	1 15	2 14	2 17	22 6	0 41	14 4	1 28	30 46	7 3	8 30	8 58	4 5		n.a.
W30	1n 0	7n 2	0n27	9s 0	2s 6	9s36	0s18	8s39	0s14	7n43	1n15	2s17	2n17	22s 6	0s41	14n 3	1n28	30n46	7n 4	8s30	8s57	4n 3		n.a.

Julian Day Number = 1348746.5, Delta T = 07h09m13s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'41, Lahiri = -18°02'41 Julian Calendar 1 Sept. 1021 BCE == Greg. Calendar 22 Aug. 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

OCTOBER 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 40	28♍32'51	1♉22	19♎ 3	24♎53	22♎ 3	13♍47	11♎ 1	25°R12	27♑ 7	4♋59	21♎28	22♎36	12♍11	n.a.	T 1
F 2	0 4 36	29°33'18	15°42	20°23	26° 7	22°47	14° 0	11° 7	25♉11	27° 9	4°59	21°29	22°32	12°18	n.a.	F 2
S 3	0 8 33	0♎33'47	29°36	21°41	27°22	23°32	14°13	11°14	25°11	27°11	4°59	21°30	22°29	12°25	n.a.	S 3
S 4	0 12 29	1°34'18	13♊ 2	22°58	28°36	24°16	14°26	11°21	25°10	27°12	5° 0	21°32	22°26	12°31	n.a.	S 4
M 5	0 16 26	2°34'51	26° 3	24°13	29°50	25° 1	14°39	11°28	25°10	27°14	5° 0	21°33	22°23	12°38	n.a.	M 5
T 6	0 20 22	3°35'25	8♋42	25°26	1♏ 4	25°45	14°52	11°35	25° 9	27°16	5° 0	21°R33	22°20	12°45	n.a.	T 6
W 7	0 24 19	4°36'02	21° 2	26°38	2°19	26°30	15° 4	11°42	25° 9	27°18	5° 1	21°32	22°17	12°51	n.a.	W 7
T 8	0 28 16	5°36'41	3♌ 9	27°48	3°33	27°15	15°17	11°49	25° 8	27°20	5° 1	21°30	22°13	12°58	n.a.	T 8
F 9	0 32 12	6°37'22	15° 7	28°55	4°47	28° 0	15°30	11°56	25° 8	27°22	5° 1	21°28	22°10	13° 5	n.a.	F 9
S 10	0 36 9	7°38'04	26°59	29°59	6° 1	28°45	15°43	12° 3	25° 8	27°24	5° 1	21°26	22° 7	13°11	n.a.	S 10
S 11	0 40 5	8°38'48	8♍48	1♏ 0	7°15	29°30	15°55	12°10	25° 8	27°25	5° 1	21°24	22° 4	13°18	n.a.	S 11
M12	0 44 2	9°39'34	20°37	1°58	8°30	0♏15	16° 8	12°17	25° 8	27°27	5° 2	21°22	22° 1	13°25	n.a.	M12
T 13	0 47 58	10°40'21	2♎29	2°52	9°44	1° 0	16°20	12°25	25° 7	27°29	5° 2	21°21	21°57	13°31	n.a.	T 13
W14	0 51 55	11°41'10	14°26	3°41	10°58	1°45	16°33	12°32	25° 7	27°31	5° 2	21°20	21°54	13°38	n.a.	W14
T 15	0 55 51	12°42'00	26°29	4°26	12°12	2°30	16°46	12°39	25°D 7	27°32	5° 2	21°D20	21°51	13°45	n.a.	T 15
F 16	0 59 48	13°42'52	8♏41	5° 4	13°26	3°15	16°58	12°46	25° 7	27°34	5°R 2	21°21	21°48	13°51	n.a.	F 16
S 17	1 3 45	14°43'45	21° 3	5°36	14°40	4° 1	17°10	12°53	25° 8	27°36	5° 2	21°21	21°45	13°58	n.a.	S 17
S 18	1 7 41	15°44'39	3♐37	6° 1	15°54	4°46	17°23	13° 0	25° 8	27°37	5° 2	21°22	21°42	14° 5	n.a.	S 18
M19	1 11 38	16°45'34	16°26	6°18	17° 8	5°31	17°35	13° 7	25° 8	27°39	5° 2	21°22	21°38	14°12	n.a.	M19
T 20	1 15 34	17°46'31	29°31	6°R27	18°22	6°17	17°47	13°14	25° 8	27°41	5° 2	21°23	21°35	14°18	n.a.	T 20
W21	1 19 31	18°47'28	12♑54	6°26	19°36	7° 2	18° 0	13°21	25° 8	27°42	5° 1	21°23	21°32	14°25	n.a.	W21
T 22	1 23 27	19°48'26	26°38	6°14	20°50	7°48	18°12	13°28	25° 9	27°44	5° 1	21°R23	21°29	14°32	n.a.	T 22
F 23	1 27 24	20°49'26	10♒43	5°52	22° 4	8°33	18°24	13°35	25° 9	27°45	5° 1	21°D23	21°26	14°38	n.a.	F 23
S 24	1 31 20	21°50'26	25° 7	5°19	23°18	9°19	18°36	13°42	25°10	27°47	5° 1	21°23	21°22	14°45	n.a.	S 24
S 25	1 35 17	22°51'26	9♓47	4°35	24°32	10° 5	18°48	13°49	25°10	27°48	5° 1	21°23	21°19	14°52	n.a.	S 25
M26	1 39 14	23°52'28	24°39	3°40	25°46	10°50	19° 0	13°56	25°11	27°50	5° 0	21°23	21°16	14°58	n.a.	M26
T 27	1 43 10	24°53'30	9♈36	2°36	27° 0	11°36	19°12	14° 3	25°11	27°51	5° 0	21°23	21°13	15° 5	n.a.	T 27
W28	1 47 7	25°54'34	24°28	1°24	28°13	12°22	19°24	14°10	25°12	27°53	5° 0	21°R24	21°10	15°12	n.a.	W28
T 29	1 51 3	26°55'38	9♉10	0° 5	29°27	13° 8	19°35	14°17	25°13	27°54	4°59	21°23	21° 7	15°18	n.a.	T 29
F 30	1 55 0	27°56'44	23°33	28♎43	0♐41	13°54	19°47	14°24	25°14	27°55	4°59	21°23	21° 3	15°25	n.a.	F 30
S 31	1 58 56	28♎57'51	7♊33	27♎21	1♐55	14♏40	19♍59	14♎30	25♉14	27♑57	4♋59	21♎22	21♎ 0	15♍32	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	0n35	11n17	0s54	9s35	2s11	10s 6	0s21	8s56	0s14	7n38	1n15	2s20	2n17	22s 6	0s41	14n 2	1n28	30n47	7n 4	8s30	8s55	4n 1			n.a.
F 2	0 11	14 44	2 10	10 10	2 16	10 36	0 24	9 14	0 15	7 33	1 15	2 23	2 17	22 6	0 41	14 2	1 28	30 47	7 4	8 30	8 54	3 59			n.a.
S 3	0s14	17 12	3 15	10 44	2 20	11 6	0 26	9 31	0 16	7 28	1 15	2 25	2 17	22 6	0 41	14 1	1 28	30 47	7 4	8 31	8 53	3 57			n.a.
S 4	0 38	18 37	4 8	11 17	2 24	11 36	0 29	9 48	0 16	7 23	1 15	2 28	2 17	22 7	0 41	14 0	1 28	30 47	7 5	8 31	8 52	3 55			n.a.
M 5	1 3	19 0	4 46	11 49	2 28	12 5	0 32	10 6	0 17	7 18	1 15	2 31	2 17	22 7	0 41	14 0	1 28	30 48	7 5	8 32	8 51	3 53			n.a.
T 6	1 27	18 24	5 8	12 20	2 31	12 34	0 35	10 23	0 18	7 13	1 15	2 34	2 17	22 7	0 41	13 59	1 28	30 48	7 5	8 32	8 49	3 51			n.a.
W 7	1 51	16 56	5 16	12 49	2 34	13 3	0 38	10 40	0 18	7 8	1 16	2 37	2 17	22 7	0 41	13 58	1 28	30 48	7 5	8 31	8 48	3 49			n.a.
T 8	2 16	14 44	5 10	13 17	2 36	13 31	0 40	10 57	0 19	7 3	1 16	2 39	2 17	22 7	0 41	13 58	1 28	30 48	7 6	8 31	8 47	3 47			n.a.
F 9	2 40	11 56	4 50	13 43	2 38	13 59	0 43	11 14	0 20	6 58	1 16	2 42	2 16	22 7	0 41	13 57	1 28	30 49	7 6	8 30	8 46	3 45			n.a.
S 10	3 4	8 41	4 18	14 7	2 39	14 27	0 46	11 31	0 20	6 53	1 16	2 45	2 16	22 7	0 41	13 57	1 28	30 49	7 6	8 29	8 45	3 43			n.a.
S 11	3 29	5 5	3 35	14 30	2 40	14 55	0 48	11 48	0 21	6 48	1 16	2 48	2 16	22 7	0 41	13 56	1 28	30 49	7 7	8 28	8 43	3 41			n.a.
M12	3 53	1 18	2 42	14 50	2 40	15 22	0 51	12 4	0 22	6 43	1 16	2 51	2 16	22 7	0 41	13 55	1 28	30 50	7 7	8 28	8 42	3 39			n.a.
T 13	4 17	2s34	1 43	15 8	2 39	15 48	0 54	12 21	0 22	6 38	1 16	2 53	2 16	22 7	0 41	13 55	1 28	30 50	7 7	8 27	8 41	3 37			n.a.
W14	4 41	6 22	0 38	15 24	2 37	16 14	0 56	12 37	0 23	6 33	1 16	2 56	2 16	22 7	0 41	13 54	1 28	30 50	7 7	8 27	8 40	3 35			n.a.
T 15	5 6	9 56	0n29	15 37	2 35	16 40	0 59	12 54	0 24	6 28	1 16	2 59	2 16	22 7	0 41	13 54	1 28	30 50	7 8	8 27	8 39	3 34			n.a.
F 16	5 30	13 7	1 35	15 47	2 31	17 6	1 2	13 10	0 24	6 23	1 16	3 2	2 16	22 7	0 41	13 53	1 28	30 51	7 8	8 27	8 37	3 32			n.a.
S 17	5 54	15 46	2 38	15 53	2 26	17 31	1 4	13 26	0 25	6 19	1 16	3 5	2 16	22 7	0 41	13 53	1 28	30 51	7 8	8 27	8 36	3 30			n.a.
S 18	6 17	17 42	3 34	15 56	2 20	17 55	1 7	13 43	0 25	6 14	1 16	3 7	2 16	22 7	0 41	13 52	1 28	30 51	7 8	8 28	8 35	3 28			n.a.
M19	6 41	18 47	4 21	15 54	2 12	18 19	1 9	13 59	0 26	6 9	1 16	3 10	2 16	22 7	0 41	13 52	1 29	30 51	7 9	8 28	8 34	3 26			n.a.
T 20	7 5	18 54	4 55	15 49	2 3	18 43	1 12	14 15	0 27	6 4	1 17	3 13	2 16	22 6	0 41	13 51	1 29	30 52	7 9	8 28	8 33	3 24			n.a.
W21	7 28	17 58	5 15	15 39	1 53	19 6	1 14	14 30	0 27	5 59	1 17	3 16	2 16	22 6	0 41	13 51	1 29	30 52	7 9	8 28	8 31	3 22			n.a.
T 22	7 52	15 59	5 17	15 23	1 41	19 28	1 16	14 46	0 28	5 55	1 17	3 18	2 16	22 6	0 41	13 50	1 29	30 52	7 10	8 28	8 30	3 20			n.a.
F 23	8 15	13 1	5 0	15 3	1 27	19 50	1 19	15 2	0 29	5 50	1 17	3 21	2 16	22 6	0 41	13 50	1 29	30 53	7 10	8 28	8 29	3 18			n.a.
S 24	8 38	9 12	4 25	14 37	1 11	20 12	1 21	15 17	0 29	5 45	1 17	3 24	2 16	22 6	0 41	13 49	1 29	30 53	7 10	8 28	8 28	3 16			n.a.
S 25	9 1	4 46	3 31	14 6	0 54	20 33	1 23	15 32	0 30	5 41	1 17	3 27	2 16	22 6	0 41	13 49	1 29	30 53	7 10	8 28	8 27	3 14			n.a.
M26	9 24	0n 2	2 23	13 30	0 36	20 53	1 26	15 47	0 30	5 36	1 17	3 29	2 16	22 6	0 41	13 48	1 29	30 53	7 11	8 28	8 25	3 12			n.a.
T 27	9 47	4 51	1 5	12 50	0 17	21 13	1 28	16 2	0 31	5 31	1 17	3 32	2 16	22 6	0 40	13 48	1 29	30 54	7 11	8 28	8 24	3 10			n.a.
W28	10 10	9 22	0s17	12 5	0n 4	21 32	1 30	16 17	0 32	5 27	1 17	3 35	2 16	22 5	0 40	13 47	1 29	30 54	7 11	8 28	8 23	3 8			n.a.
T 29	10 32	13 14	1 37	11 18	0 24	21 51	1 32	16 32	0 32	5 22	1 18	3 37	2 16	22 5	0 40	13 47	1 29	30 54	7 11	8 28	8 22	3 6			n.a.
F 30	10 54	16 13	2 49	10 30	0 45	22 9	1 34	16 47	0 33	5 18	1 18	3 40	2 16	22 5	0 40	13 46	1 29	30 54	7 12	8 28	8 20	3 4			n.a.
S 31	11s17	18n 8	3s49	9s41	1n 5	22s26	1s36	17s 1	0s33	5n13	1n18	3s43	2n16	22s 5	0s40	13n46	1n29	30n55	7n12	8s28	8s19	3n 2			n.a.

Julian Day Number = 1348776.5, Delta T = 07h09m12s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'37, Lahiri = -18°02'37 Julian Calendar 1 Oct. 1021 BCE == Greg. Calendar 21 Sept. 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

NOVEMBER 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 53	29♎58'58	21♊ 8	26°R 0	3♐ 8	15♏26	20♍10	14♎37	25♑15	27♌58	4°R58	21°R21	20♎57	15♍38	n.a.	S 1
M 2	2 6 49	1♏ 0'07	4♋17	24♎43	4°22	16°12	20°22	14°44	25°16	27°59	4♋58	21♎20	20°54	15°45	n.a.	M 2
T 3	2 10 46	2° 1'17	17° 2	23°34	5°36	16°58	20°33	14°51	25°17	28° 0	4°57	21°19	20°51	15°52	n.a.	T 3
W 4	2 14 43	3° 2'28	29°26	22°34	6°49	17°44	20°45	14°58	25°18	28° 1	4°57	21°D18	20°48	15°58	n.a.	W 4
T 5	2 18 39	4° 3'39	11♌35	21°44	8° 3	18°30	20°56	15° 5	25°19	28° 3	4°56	21°19	20°44	16° 5	n.a.	T 5
F 6	2 22 36	5° 4'52	23°32	21° 4	9°16	19°16	21° 7	15°11	25°20	28° 4	4°56	21°19	20°41	16°12	n.a.	F 6
S 7	2 26 32	6° 6'06	5♍22	20°36	10°30	20° 2	21°18	15°18	25°22	28° 5	4°55	21°20	20°38	16°18	n.a.	S 7
S 8	2 30 29	7° 7'20	17°10	20°19	11°43	20°49	21°29	15°25	25°23	28° 6	4°54	21°22	20°35	16°25	n.a.	S 8
M 9	2 34 25	8° 8'35	29° 1	20°D13	12°57	21°35	21°40	15°32	25°24	28° 7	4°54	21°23	20°32	16°32	n.a.	M 9
T 10	2 38 22	9° 9'51	10♎57	20°17	14°10	22°21	21°51	15°38	25°25	28° 8	4°53	21°24	20°28	16°38	n.a.	T 10
W11	2 42 18	10°11'08	23° 2	20°30	15°23	23° 8	22° 2	15°45	25°27	28° 9	4°52	21°R25	20°25	16°45	n.a.	W11
T 12	2 46 15	11°12'25	5♏18	20°51	16°37	23°54	22°13	15°52	25°28	28°10	4°52	21°24	20°22	16°52	n.a.	T 12
F 13	2 50 12	12°13'42	17°46	21°21	17°50	24°41	22°23	15°58	25°30	28°11	4°51	21°22	20°19	16°58	n.a.	F 13
S 14	2 54 8	13°15'00	0♐27	21°57	19° 3	25°27	22°34	16° 5	25°31	28°12	4°50	21°20	20°16	17° 5	n.a.	S 14
S 15	2 58 5	14°16'18	13°22	22°40	20°16	26°14	22°44	16°11	25°33	28°13	4°49	21°16	20°13	17°12	n.a.	S 15
M16	3 2 1	15°17'37	26°30	23°27	21°30	27° 0	22°55	16°18	25°34	28°13	4°49	21°12	20° 9	17°18	n.a.	M16
T 17	3 5 58	16°18'55	9♑52	24°20	22°43	27°47	23° 5	16°24	25°36	28°14	4°48	21° 8	20° 6	17°25	n.a.	T 17
W18	3 9 54	17°20'14	23°25	25°17	23°56	28°34	23°15	16°30	25°38	28°15	4°47	21° 5	20° 3	17°32	n.a.	W18
T 19	3 13 51	18°21'32	7♒11	26°18	25° 9	29°20	23°25	16°37	25°39	28°16	4°46	21° 4	20° 0	17°38	n.a.	T 19
F 20	3 17 47	19°22'50	21° 9	27°22	26°22	0♐ 7	23°35	16°43	25°41	28°16	4°45	21°D 3	19°57	17°45	n.a.	F 20
S 21	3 21 44	20°24'07	5♓17	28°29	27°35	0°54	23°45	16°49	25°43	28°17	4°44	21° 4	19°54	17°52	n.a.	S 21
S 22	3 25 41	21°25'25	19°35	29°39	28°47	1°41	23°55	16°56	25°45	28°18	4°43	21° 5	19°50	17°58	n.a.	S 22
M23	3 29 37	22°26'42	3♈59	0♏51	0♑ 0	2°27	24° 4	17° 2	25°47	28°18	4°42	21° 7	19°47	18° 5	n.a.	M23
T 24	3 33 34	23°27'59	18°27	2° 5	1°13	3°14	24°14	17° 8	25°49	28°19	4°41	21°R 8	19°44	18°12	n.a.	T 24
W25	3 37 30	24°29'15	2♉55	3°21	2°26	4° 1	24°23	17°14	25°51	28°19	4°40	21° 7	19°41	18°18	n.a.	W25
T 26	3 41 27	25°30'32	17°16	4°38	3°38	4°48	24°33	17°20	25°53	28°20	4°39	21° 5	19°38	18°25	n.a.	T 26
F 27	3 45 23	26°31'48	1♊25	5°57	4°51	5°35	24°42	17°26	25°55	28°20	4°38	21° 1	19°34	18°32	n.a.	F 27
S 28	3 49 20	27°33'04	15°18	7°17	6° 3	6°22	24°51	17°32	25°57	28°20	4°37	20°55	19°31	18°38	n.a.	S 28
S 29	3 53 17	28°34'20	28°51	8°39	7°15	7° 9	25° 0	17°38	25°59	28°21	4°36	20°49	19°28	18°45	n.a.	S 29
M30	3 57 13	29♏35'36	12♋ 2	10♏ 1	8♑28	7♐56	25♍ 9	17♎44	26♑ 1	28♌21	4♋35	20♎42	19♎25	18♍52	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s38	18n57	4s35	8s54	1n23	22s43	1s38	17s15	0s34	5n 9	1n18	3s45	2n16	22s 5	0s40	13n46	1n29	30n55	7n12	8s27	8s18	3n 0		n.a.
M 2	12 0	18 41	5 4	8 10	1 41	22 59	1 40	17 30	0 35	5 4	1 18	3 48	2 17	22 5	0 40	13 45	1 29	30 55	7 12	8 27	8 17	2 59		n.a.
T 3	12 22	17 29	5 17	7 30	1 56	23 14	1 41	17 44	0 35	5 0	1 18	3 51	2 17	22 4	0 40	13 45	1 29	30 56	7 13	8 26	8 16	2 57		n.a.
W 4	12 43	15 28	5 14	6 55	2 9	23 29	1 43	17 57	0 36	4 55	1 18	3 53	2 17	22 4	0 40	13 44	1 29	30 56	7 13	8 26	8 14	2 55		n.a.
T 5	13 4	12 49	4 58	6 26	2 21	23 43	1 45	18 11	0 36	4 51	1 18	3 56	2 17	22 4	0 40	13 44	1 29	30 56	7 13	8 26	8 13	2 53		n.a.
F 6	13 25	9 40	4 29	6 2	2 30	23 56	1 47	18 24	0 37	4 46	1 19	3 59	2 17	22 4	0 40	13 44	1 29	30 56	7 14	8 27	8 12	2 51		n.a.
S 7	13 46	6 9	3 48	5 45	2 37	24 9	1 48	18 38	0 37	4 42	1 19	4 1	2 17	22 3	0 40	13 43	1 30	30 57	7 14	8 27	8 11	2 49		n.a.
S 8	14 6	2 25	2 59	5 34	2 42	24 21	1 50	18 51	0 38	4 38	1 19	4 4	2 17	22 3	0 40	13 43	1 30	30 57	7 14	8 28	8 10	2 47		n.a.
M 9	14 26	1s27	2 1	5 29	2 45	24 32	1 51	19 4	0 39	4 34	1 19	4 6	2 17	22 3	0 40	13 43	1 30	30 57	7 14	8 28	8 8	2 45		n.a.
T 10	14 46	5 17	0 58	5 28	2 47	24 43	1 52	19 17	0 39	4 29	1 19	4 9	2 17	22 3	0 40	13 42	1 30	30 58	7 15	8 29	8 7	2 43		n.a.
W11	15 6	8 57	0n 9	5 33	2 47	24 53	1 54	19 29	0 40	4 25	1 19	4 11	2 17	22 2	0 40	13 42	1 30	30 58	7 15	8 29	8 6	2 41		n.a.
T 12	15 26	12 18	1 16	5 42	2 46	25 2	1 55	19 41	0 40	4 21	1 19	4 14	2 17	22 2	0 40	13 42	1 30	30 58	7 15	8 28	8 5	2 39		n.a.
F 13	15 45	15 9	2 20	5 55	2 44	25 10	1 56	19 54	0 41	4 17	1 20	4 16	2 17	22 2	0 40	13 42	1 30	30 58	7 15	8 28	8 4	2 37		n.a.
S 14	16 4	17 19	3 19	6 12	2 41	25 18	1 57	20 6	0 41	4 13	1 20	4 19	2 17	22 1	0 40	13 41	1 30	30 59	7 15	8 27	8 2	2 35		n.a.
S 15	16 22	18 39	4 8	6 31	2 37	25 25	1 58	20 17	0 42	4 9	1 20	4 21	2 17	22 1	0 40	13 41	1 30	30 59	7 16	8 25	8 1	2 33		n.a.
M16	16 41	19 0	4 46	6 54	2 32	25 31	1 59	20 29	0 42	4 5	1 20	4 24	2 17	22 1	0 40	13 41	1 30	30 59	7 16	8 24	8 0	2 31		n.a.
T 17	16 59	18 19	5 8	7 18	2 27	25 36	2 0	20 40	0 43	4 1	1 20	4 26	2 17	22 0	0 40	13 41	1 30	30 59	7 16	8 22	7 59	2 29		n.a.
W18	17 16	16 35	5 14	7 45	2 21	25 41	2 0	20 51	0 43	3 57	1 20	4 29	2 18	22 0	0 40	13 40	1 30	31 0	7 16	8 21	7 57	2 27		n.a.
T 19	17 34	13 54	5 2	8 13	2 15	25 44	2 1	21 2	0 44	3 53	1 21	4 31	2 18	22 0	0 40	13 40	1 30	31 0	7 17	8 21	7 56	2 25		n.a.
F 20	17 51	10 23	4 32	8 42	2 9	25 47	2 1	21 13	0 44	3 49	1 21	4 33	2 18	21 59	0 40	13 40	1 30	31 0	7 17	8 20	7 55	2 24		n.a.
S 21	18 8	6 14	3 45	9 13	2 2	25 49	2 2	21 23	0 45	3 45	1 21	4 36	2 18	21 59	0 40	13 40	1 30	31 0	7 17	8 21	7 54	2 22		n.a.
S 22	18 24	1 40	2 44	9 44	1 55	25 51	2 2	21 34	0 45	3 42	1 21	4 38	2 18	21 59	0 40	13 40	1 30	31 1	7 17	8 21	7 53	2 20		n.a.
M23	18 40	3n 1	1 33	10 16	1 48	25 52	2 3	21 44	0 46	3 38	1 21	4 40	2 18	21 58	0 40	13 40	1 30	31 1	7 18	8 22	7 51	2 18		n.a.
T 24	18 56	7 34	0 15	10 49	1 40	25 51	2 3	21 53	0 46	3 34	1 21	4 43	2 18	21 58	0 40	13 39	1 30	31 1	7 18	8 22	7 50	2 16		n.a.
W25	19 11	11 40	1s 4	11 22	1 33	25 50	2 3	22 3	0 47	3 31	1 22	4 45	2 18	21 57	0 40	13 39	1 31	31 2	7 18	8 22	7 49	2 14		n.a.
T 26	19 26	15 3	2 18	11 56	1 25	25 49	2 3	22 12	0 47	3 27	1 22	4 47	2 18	21 57	0 40	13 39	1 31	31 2	7 18	8 21	7 48	2 12		n.a.
F 27	19 41	17 28	3 22	12 30	1 17	25 46	2 3	22 21	0 48	3 23	1 22	4 49	2 18	21 57	0 40	13 39	1 31	31 2	7 18	8 20	7 46	2 10		n.a.
S 28	19 55	18 48	4 13	13 4	1 10	25 43	2 3	22 30	0 48	3 20	1 22	4 51	2 19	21 56	0 40	13 39	1 31	31 2	7 19	8 17	7 45	2 8		n.a.
S 29	20 9	19 0	4 48	13 38	1 2	25 39	2 3	22 39	0 49	3 16	1 22	4 54	2 19	21 56	0 40	13 39	1 31	31 2	7 19	8 15	7 44	2 6		n.a.
M30	20s23	18n10	5s 7	14s12	0n54	25s34	2s 2	22s47	0s49	3n13	1n23	4s56	2n19	21s55	0s40	13n39	1n31	31n 3	7n19	8s12	7s43	2n 4		n.a.

Julian Day Number = 1348807.5, Delta T = 07h09m10s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'33, Lahiri = -18°02'33 Julian Calendar 1 Nov. 1021 BCE == Greg. Calendar 22 Oct. 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1021 BCE
geocentric

DECEMBER 1021 BCE (-1020) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 1 10	0♐36'51	24♋51	11♏24	9♑40	8♐43	25♍17	17♎50	26♑ 4	28♌22	4°R34	20°R36	19♎22	18♍58	n.a.	T 1
W 2	4 5 6	1°38'07	7♌19	12°49	10°52	9°30	25°26	17°55	26° 6	28°22	4♋33	20♎31	19°19	19° 5	n.a.	W 2
T 3	4 9 3	2°39'22	19°30	14°14	12° 4	10°17	25°35	18° 1	26° 8	28°22	4°32	20°28	19°15	19°12	n.a.	T 3
F 4	4 12 59	3°40'37	1♍28	15°40	13°16	11° 4	25°43	18° 7	26°11	28°22	4°30	20°D27	19°12	19°18	n.a.	F 4
S 5	4 16 56	4°41'52	13°19	17° 6	14°28	11°51	25°51	18°12	26°13	28°22	4°29	20°28	19° 9	19°25	n.a.	S 5
S 6	4 20 52	5°43'06	25° 8	18°33	15°40	12°38	25°59	18°18	26°15	28°23	4°28	20°29	19° 6	19°32	n.a.	S 6
M 7	4 24 49	6°44'20	6♎59	20° 1	16°52	13°25	26° 7	18°23	26°18	28°23	4°27	20°30	19° 3	19°38	n.a.	M 7
T 8	4 28 46	7°45'34	18°58	21°30	18° 3	14°12	26°15	18°29	26°20	28°23	4°26	20°R31	18°59	19°45	n.a.	T 8
W 9	4 32 42	8°46'48	1♏ 9	22°59	19°15	15° 0	26°23	18°34	26°23	28°R23	4°24	20°31	18°56	19°52	n.a.	W 9
T 10	4 36 39	9°48'00	13°35	24°29	20°26	15°47	26°31	18°39	26°26	28°23	4°23	20°28	18°53	19°58	n.a.	T 10
F 11	4 40 35	10°49'13	26°19	25°59	21°38	16°34	26°38	18°44	26°28	28°23	4°22	20°23	18°50	20° 5	n.a.	F 11
S 12	4 44 32	11°50'25	9♐21	27°30	22°49	17°21	26°45	18°50	26°31	28°23	4°20	20°15	18°47	20°12	n.a.	S 12
S 13	4 48 28	12°51'35	22°40	29° 2	24° 0	18° 8	26°53	18°55	26°33	28°23	4°19	20° 6	18°44	20°18	n.a.	S 13
M14	4 52 25	13°52'46	6♑15	0♐34	25°11	18°56	27° 0	19° 0	26°36	28°22	4°18	19°57	18°40	20°25	n.a.	M14
T 15	4 56 22	14°53'55	20° 2	2° 6	26°22	19°43	27° 6	19° 5	26°39	28°22	4°17	19°47	18°37	20°32	n.a.	T 15
W16	5 0 18	15°55'03	3♒59	3°39	27°33	20°30	27°13	19° 9	26°42	28°22	4°15	19°39	18°34	20°38	n.a.	W16
T 17	5 4 15	16°56'09	18° 1	5°13	28°44	21°18	27°20	19°14	26°45	28°22	4°14	19°33	18°31	20°45	n.a.	T 17
F 18	5 8 11	17°57'15	2♓ 6	6°48	29°55	22° 5	27°26	19°19	26°47	28°21	4°13	19°30	18°28	20°52	n.a.	F 18
S 19	5 12 8	18°58'19	16°12	8°22	1♒ 5	22°52	27°33	19°24	26°50	28°21	4°11	19°D29	18°25	20°58	n.a.	S 19
S 20	5 16 4	19°59'21	0♈18	9°58	2°16	23°40	27°39	19°28	26°53	28°21	4°10	19°29	18°21	21° 5	n.a.	S 20
M21	5 20 1	21° 0'23	14°23	11°34	3°26	24°27	27°45	19°33	26°56	28°20	4° 8	19°R30	18°18	21°12	n.a.	M21
T 22	5 23 57	22° 1'22	28°25	13°11	4°36	25°14	27°51	19°37	26°59	28°20	4° 7	19°29	18°15	21°18	n.a.	T 22
W23	5 27 54	23° 2'21	12♉24	14°49	5°46	26° 2	27°56	19°42	27° 2	28°20	4° 6	19°27	18°12	21°25	n.a.	W23
T 24	5 31 51	24° 3'18	26°18	16°27	6°56	26°49	28° 2	19°46	27° 5	28°19	4° 4	19°22	18° 9	21°32	n.a.	T 24
F 25	5 35 47	25° 4'14	10♊ 2	18° 5	8° 5	27°36	28° 7	19°50	27° 8	28°19	4° 3	19°15	18° 5	21°38	n.a.	F 25
S 26	5 39 44	26° 5'08	23°35	19°45	9°15	28°24	28°12	19°54	27°11	28°18	4° 1	19° 4	18° 2	21°45	n.a.	S 26
S 27	5 43 40	27° 6'01	6♋53	21°25	10°24	29°11	28°17	19°58	27°14	28°18	4° 0	18°52	17°59	21°52	n.a.	S 27
M28	5 47 37	28° 6'53	19°55	23° 6	11°34	29°58	28°22	20° 2	27°17	28°17	3°59	18°40	17°56	21°58	n.a.	M28
T 29	5 51 33	29° 7'44	2♌38	24°48	12°43	0♑46	28°27	20° 6	27°20	28°16	3°57	18°28	17°53	22° 5	n.a.	T 29
W30	5 55 30	0♑ 8'33	15° 5	26°30	13°51	1°33	28°31	20°10	27°23	28°16	3°56	18°18	17°50	22°12	n.a.	W30
T 31	5 59 26	1♑ 9'21	27♌16	28♐14	15♒ 0	2♑20	28♍36	20♎14	27♑27	28♌15	3♋54	18♎11	17♎46	22♍18	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s36	16n25	5s10	14s45	0n46	25s29	2s 2	22s55	0s50	3n10	1n23	4s58	2n19	21s55	0s40	13n39	1n31	31n 3	7n19	8s10	7s42	2n 2			n.a.
W 2	20 49	13 56	4 57	15 19	0 39	25 22	2 1	23 3	0 50	3 6	1 23	5 0	2 19	21 54	0 40	13 39	1 31	31 3	7 19	8 8	7 40	2 0			n.a.
T 3	21 1	10 54	4 32	15 52	0 31	25 15	2 1	23 10	0 51	3 3	1 23	5 2	2 19	21 54	0 39	13 39	1 31	31 3	7 20	8 7	7 39	1 58			n.a.
F 4	21 13	7 28	3 55	16 25	0 24	25 8	2 0	23 18	0 51	3 0	1 23	5 4	2 19	21 53	0 39	13 39	1 31	31 4	7 20	8 7	7 38	1 56			n.a.
S 5	21 25	3 46	3 8	16 57	0 16	24 59	1 59	23 25	0 51	2 57	1 24	5 6	2 19	21 53	0 39	13 39	1 31	31 4	7 20	8 7	7 37	1 54			n.a.
S 6	21 36	0s 4	2 13	17 29	0 9	24 50	1 58	23 31	0 52	2 54	1 24	5 8	2 20	21 52	0 39	13 39	1 31	31 4	7 20	8 7	7 35	1 52			n.a.
M 7	21 46	3 55	1 13	18 0	0 1	24 40	1 57	23 38	0 52	2 51	1 24	5 10	2 20	21 52	0 39	13 39	1 31	31 4	7 20	8 8	7 34	1 51			n.a.
T 8	21 57	7 40	0 8	18 31	0s 6	24 29	1 56	23 44	0 53	2 48	1 24	5 12	2 20	21 51	0 39	13 39	1 31	31 5	7 20	8 8	7 33	1 49			n.a.
W 9	22 7	11 10	0n57	19 1	0 13	24 18	1 55	23 50	0 53	2 45	1 24	5 14	2 20	21 51	0 39	13 39	1 31	31 5	7 21	8 8	7 32	1 47			n.a.
T 10	22 16	14 14	2 1	19 30	0 20	24 6	1 53	23 56	0 54	2 42	1 25	5 16	2 20	21 50	0 39	13 39	1 31	31 5	7 21	8 7	7 31	1 45			n.a.
F 11	22 25	16 42	3 1	19 59	0 27	23 53	1 52	24 1	0 54	2 39	1 25	5 18	2 20	21 50	0 39	13 39	1 32	31 5	7 21	8 5	7 29	1 43			n.a.
S 12	22 34	18 23	3 52	20 27	0 33	23 40	1 50	24 6	0 54	2 36	1 25	5 19	2 21	21 49	0 39	13 39	1 32	31 5	7 21	8 2	7 28	1 41			n.a.
S 13	22 42	19 5	4 32	20 54	0 40	23 26	1 49	24 11	0 55	2 34	1 25	5 21	2 21	21 49	0 39	13 39	1 32	31 6	7 21	7 59	7 27	1 39			n.a.
M14	22 49	18 43	4 57	21 20	0 46	23 11	1 47	24 16	0 55	2 31	1 26	5 23	2 21	21 48	0 39	13 39	1 32	31 6	7 21	7 55	7 26	1 37			n.a.
T 15	22 57	17 15	5 6	21 45	0 52	22 56	1 45	24 20	0 55	2 29	1 26	5 25	2 21	21 48	0 39	13 39	1 32	31 6	7 22	7 51	7 24	1 35			n.a.
W16	23 3	14 46	4 56	22 10	0 58	22 40	1 43	24 24	0 56	2 26	1 26	5 27	2 21	21 47	0 39	13 39	1 32	31 6	7 22	7 48	7 23	1 33			n.a.
T 17	23 10	11 24	4 29	22 33	1 4	22 23	1 41	24 27	0 56	2 24	1 26	5 28	2 21	21 47	0 39	13 40	1 32	31 6	7 22	7 46	7 22	1 31			n.a.
F 18	23 15	7 23	3 46	22 55	1 9	22 6	1 39	24 31	0 57	2 21	1 26	5 30	2 21	21 46	0 39	13 40	1 32	31 7	7 22	7 45	7 21	1 29			n.a.
S 19	23 21	2 57	2 48	23 16	1 15	21 48	1 37	24 34	0 57	2 19	1 27	5 31	2 22	21 45	0 39	13 40	1 32	31 7	7 22	7 44	7 20	1 27			n.a.
S 20	23 26	1n40	1 41	23 36	1 20	21 30	1 34	24 37	0 57	2 17	1 27	5 33	2 22	21 45	0 39	13 40	1 32	31 7	7 22	7 44	7 18	1 25			n.a.
M21	23 30	6 10	0 27	23 55	1 25	21 11	1 32	24 39	0 58	2 14	1 27	5 35	2 22	21 44	0 39	13 40	1 32	31 7	7 22	7 45	7 17	1 23			n.a.
T 22	23 34	10 21	0s48	24 13	1 29	20 51	1 29	24 42	0 58	2 12	1 27	5 36	2 22	21 44	0 39	13 41	1 32	31 7	7 23	7 45	7 16	1 21			n.a.
W23	23 38	13 55	1 59	24 29	1 34	20 31	1 26	24 43	0 58	2 10	1 28	5 38	2 22	21 43	0 39	13 41	1 32	31 7	7 23	7 44	7 15	1 20			n.a.
T 24	23 41	16 40	3 3	24 44	1 38	20 11	1 24	24 45	0 59	2 8	1 28	5 39	2 23	21 43	0 39	13 41	1 32	31 8	7 23	7 42	7 13	1 18			n.a.
F 25	23 43	18 26	3 55	24 57	1 41	19 50	1 21	24 46	0 59	2 6	1 28	5 41	2 23	21 42	0 39	13 41	1 32	31 8	7 23	7 39	7 12	1 16			n.a.
S 26	23 45	19 6	4 33	25 9	1 45	19 28	1 18	24 47	0 59	2 4	1 28	5 42	2 23	21 41	0 39	13 41	1 32	31 8	7 23	7 35	7 11	1 14			n.a.
S 27	23 47	18 43	4 56	25 20	1 48	19 6	1 15	24 48	1 0	2 3	1 29	5 43	2 23	21 41	0 39	13 42	1 32	31 8	7 23	7 30	7 10	1 12			n.a.
M28	23 48	17 20	5 2	25 29	1 51	18 44	1 12	24 49	1 0	2 1	1 29	5 45	2 23	21 40	0 39	13 42	1 33	31 8	7 23	7 26	7 8	1 10			n.a.
T 29	23 49	15 7	4 53	25 36	1 53	18 21	1 8	24 49	1 0	1 59	1 29	5 46	2 23	21 39	0 39	13 42	1 33	31 8	7 23	7 21	7 7	1 8			n.a.
W30	23 49	12 16	4 30	25 42	1 56	17 58	1 5	24 49	1 0	1 58	1 29	5 47	2 24	21 39	0 39	13 42	1 33	31 9	7 23	7 17	7 6	1 6			n.a.
T 31	23s49	8n56	3s56	25s45	1s57	17s34	1s 1	24s48	1s 1	1n56	1n30	5s48	2n24	21s38	0s39	13n43	1n33	31n 9	7n24	7s14	7s 5	1n 4			n.a.

Julian Day Number = 1348837.5, Delta T = 07h09m09s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'29, Lahiri = -18°02'29 Julian Calendar 1 Dec. 1021 BCE == Greg. Calendar 21 Nov. 1021 BCE

The year -1020 astronomical counting style corresponds to year 1021 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

JANUARY 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 3 23	2♉10'08	9♍14	29♐58	16♒ 9	3♉ 8	28♍40	20♎17	27♉30	28°R14	3°R53	18°R 6	17♎43	22♍25	n.a.	F 1
S 2	6 7 20	3°10'53	21° 5	1♉43	17°17	3°55	28°44	20°21	27°33	28♏13	3♋52	18♎ 3	17°40	22°32	n.a.	S 2
S 3	6 11 16	4°11'37	2♎53	3°28	18°25	4°42	28°48	20°24	27°36	28°13	3°50	18°D 3	17°37	22°38	n.a.	S 3
M 4	6 15 13	5°12'20	14°44	5°15	19°33	5°30	28°52	20°28	27°39	28°12	3°49	18°R 3	17°34	22°45	n.a.	M 4
T 5	6 19 9	6°13'02	26°43	7° 2	20°41	6°17	28°55	20°31	27°43	28°11	3°47	18° 3	17°31	22°52	n.a.	T 5
W 6	6 23 6	7°13'42	8♏56	8°50	21°48	7° 5	28°58	20°34	27°46	28°10	3°46	18° 1	17°27	22°58	n.a.	W 6
T 7	6 27 2	8°14'21	21°27	10°38	22°56	7°52	29° 2	20°37	27°49	28° 9	3°44	17°57	17°24	23° 5	n.a.	T 7
F 8	6 30 59	9°14'59	4♐19	12°28	24° 3	8°39	29° 5	20°40	27°52	28° 8	3°43	17°50	17°21	23°11	n.a.	F 8
S 9	6 34 55	10°15'35	17°35	14°18	25°10	9°27	29° 7	20°43	27°56	28° 7	3°42	17°41	17°18	23°18	n.a.	S 9
S 10	6 38 52	11°16'10	1♑14	16° 8	26°17	10°14	29°10	20°46	27°59	28° 6	3°40	17°29	17°15	23°25	n.a.	S 10
M11	6 42 49	12°16'42	15°13	17°59	27°23	11° 1	29°12	20°49	28° 2	28° 5	3°39	17°16	17°11	23°31	n.a.	M11
T 12	6 46 45	13°17'14	29°29	19°51	28°29	11°49	29°15	20°51	28° 6	28° 4	3°37	17° 4	17° 8	23°38	n.a.	T 12
W13	6 50 42	14°17'43	13♒53	21°43	29°35	12°36	29°17	20°54	28° 9	28° 3	3°36	16°53	17° 5	23°45	n.a.	W13
T 14	6 54 38	15°18'10	28°21	23°35	0♓41	13°23	29°19	20°57	28°12	28° 2	3°35	16°45	17° 2	23°51	n.a.	T 14
F 15	6 58 35	16°18'35	12♓47	25°27	1°46	14°10	29°20	20°59	28°16	28° 1	3°33	16°39	16°59	23°58	n.a.	F 15
S 16	7 2 31	17°18'58	27° 6	27°18	2°52	14°58	29°22	21° 1	28°19	28° 0	3°32	16°37	16°56	24° 5	n.a.	S 16
S 17	7 6 28	18°19'19	11♈15	29° 9	3°57	15°45	29°23	21° 3	28°23	27°59	3°30	16°36	16°52	24°11	n.a.	S 17
M18	7 10 24	19°19'37	25°15	1♒ 0	5° 1	16°32	29°24	21° 5	28°26	27°58	3°29	16°36	16°49	24°18	n.a.	M18
T 19	7 14 21	20°19'54	9♉ 4	2°49	6° 6	17°19	29°25	21° 7	28°29	27°56	3°28	16°35	16°46	24°25	n.a.	T 19
W20	7 18 18	21°20'08	22°43	4°37	7°10	18° 7	29°26	21° 9	28°33	27°55	3°26	16°33	16°43	24°31	n.a.	W20
T 21	7 22 14	22°20'20	6♊13	6°24	8°13	18°54	29°27	21°11	28°36	27°54	3°25	16°27	16°40	24°38	n.a.	T 21
F 22	7 26 11	23°20'30	19°32	8° 7	9°17	19°41	29°27	21°13	28°40	27°53	3°24	16°18	16°37	24°45	n.a.	F 22
S 23	7 30 7	24°20'38	2♋41	9°48	10°20	20°28	29°R27	21°15	28°43	27°51	3°22	16° 7	16°33	24°51	n.a.	S 23
S 24	7 34 4	25°20'44	15°37	11°26	11°22	21°15	29°27	21°16	28°46	27°50	3°21	15°54	16°30	24°58	n.a.	S 24
M25	7 38 0	26°20'47	28°21	13° 0	12°25	22° 2	29°27	21°17	28°50	27°49	3°20	15°41	16°27	25° 5	n.a.	M25
T 26	7 41 57	27°20'49	10♌52	14°30	13°27	22°49	29°26	21°19	28°53	27°47	3°18	15°28	16°24	25°11	n.a.	T 26
W27	7 45 53	28°20'48	23°10	15°54	14°28	23°36	29°26	21°20	28°57	27°46	3°17	15°16	16°21	25°18	n.a.	W27
T 28	7 49 50	29°20'46	5♍16	17°13	15°29	24°23	29°25	21°21	29° 0	27°45	3°16	15° 8	16°17	25°25	n.a.	T 28
F 29	7 53 47	0♒20'42	17°12	18°26	16°30	25°11	29°24	21°22	29° 4	27°43	3°15	15° 2	16°14	25°31	n.a.	F 29
S 30	7 57 43	1°20'35	29° 1	19°32	17°30	25°58	29°23	21°23	29° 7	27°42	3°13	14°58	16°11	25°38	n.a.	S 30
S 31	8 1 40	2♒20'27	10♎49	20♒31	18♓30	26♉44	29♍22	21♎24	29♉10	27♏40	3♋12	14°D57	16♎ 8	25♍45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	5n17	3s11	25s48	1s59	17s10	0s58	24s48	1s 1	1n55	1n30	5s50	2n24	21s37	0s39	13n43	1n33	31n 9	7n24	7s12	7s 4	1n 2		n.a.
S 2	23 47	1 29	2 18	25 48	2 0	16 45	0 54	24 46	1 1	1 53	1 30	5 51	2 24	21 37	0 39	13 43	1 33	31 9	7 24	7 11	7 2	1 0		n.a.
S 3	23 45	2s23	1 20	25 46	2 0	16 20	0 50	24 45	1 1	1 52	1 30	5 52	2 24	21 36	0 39	13 44	1 33	31 9	7 24	7 11	7 1	0 58		n.a.
M 4	23 43	6 10	0 18	25 43	2 0	15 55	0 46	24 44	1 2	1 51	1 31	5 53	2 25	21 36	0 39	13 44	1 33	31 9	7 24	7 11	7 0	0 56		n.a.
T 5	23 40	9 45	0n46	25 37	2 0	15 29	0 42	24 42	1 2	1 49	1 31	5 54	2 25	21 35	0 39	13 44	1 33	31 9	7 24	7 11	6 59	0 54		n.a.
W 6	23 37	12 59	1 48	25 30	1 59	15 4	0 38	24 39	1 2	1 48	1 31	5 55	2 25	21 34	0 39	13 45	1 33	31 9	7 24	7 10	6 57	0 52		n.a.
T 7	23 33	15 43	2 47	25 20	1 58	14 37	0 34	24 37	1 2	1 47	1 32	5 56	2 25	21 34	0 39	13 45	1 33	31 9	7 24	7 9	6 56	0 51		n.a.
F 8	23 29	17 45	3 39	25 8	1 56	14 11	0 30	24 34	1 3	1 46	1 32	5 57	2 25	21 33	0 39	13 46	1 33	31 10	7 24	7 6	6 55	0 49		n.a.
S 9	23 25	18 54	4 21	24 55	1 53	13 44	0 25	24 31	1 3	1 45	1 32	5 58	2 26	21 32	0 39	13 46	1 33	31 10	7 24	7 3	6 54	0 47		n.a.
S 10	23 20	19 0	4 49	24 39	1 50	13 17	0 21	24 28	1 3	1 45	1 32	5 59	2 26	21 31	0 39	13 46	1 33	31 10	7 24	6 58	6 52	0 45		n.a.
M11	23 14	17 57	5 0	24 21	1 47	12 50	0 16	24 24	1 3	1 44	1 33	6 0	2 26	21 31	0 39	13 47	1 33	31 10	7 24	6 53	6 51	0 43		n.a.
T 12	23 8	15 48	4 54	24 0	1 42	12 22	0 12	24 20	1 3	1 43	1 33	6 1	2 26	21 30	0 39	13 47	1 33	31 10	7 24	6 48	6 50	0 41		n.a.
W13	23 2	12 38	4 28	23 38	1 37	11 54	0 7	24 16	1 4	1 43	1 33	6 1	2 27	21 29	0 39	13 48	1 33	31 10	7 24	6 44	6 49	0 39		n.a.
T 14	22 55	8 42	3 46	23 14	1 32	11 26	0 2	24 11	1 4	1 42	1 33	6 2	2 27	21 29	0 39	13 48	1 33	31 10	7 24	6 41	6 48	0 37		n.a.
F 15	22 48	4 17	2 49	22 47	1 26	10 58	0n 3	24 6	1 4	1 42	1 34	6 3	2 27	21 28	0 39	13 48	1 33	31 10	7 24	6 39	6 46	0 35		n.a.
S 16	22 40	0n22	1 41	22 19	1 19	10 29	0 8	24 1	1 4	1 41	1 34	6 3	2 27	21 27	0 39	13 49	1 33	31 10	7 24	6 38	6 45	0 33		n.a.
S 17	22 32	4 57	0 28	21 48	1 11	10 1	0 13	23 56	1 4	1 41	1 34	6 4	2 27	21 27	0 39	13 49	1 34	31 10	7 24	6 37	6 44	0 31		n.a.
M18	22 24	9 13	0s46	21 16	1 3	9 32	0 18	23 50	1 4	1 41	1 34	6 5	2 28	21 26	0 39	13 50	1 34	31 10	7 25	6 37	6 43	0 29		n.a.
T 19	22 15	12 55	1 56	20 42	0 54	9 3	0 23	23 44	1 5	1 41	1 35	6 5	2 28	21 25	0 39	13 50	1 34	31 10	7 25	6 37	6 41	0 27		n.a.
W20	22 6	15 52	2 59	20 7	0 44	8 34	0 29	23 38	1 5	1 41	1 35	6 6	2 28	21 25	0 39	13 51	1 34	31 10	7 25	6 36	6 40	0 25		n.a.
T 21	21 56	17 54	3 50	19 30	0 33	8 5	0 34	23 32	1 5	1 41	1 35	6 6	2 28	21 24	0 39	13 51	1 34	31 11	7 25	6 34	6 39	0 24		n.a.
F 22	21 46	18 56	4 29	18 52	0 22	7 36	0 40	23 25	1 5	1 41	1 36	6 7	2 29	21 23	0 39	13 52	1 34	31 11	7 25	6 31	6 38	0 22		n.a.
S 23	21 35	18 55	4 52	18 14	0 10	7 7	0 45	23 18	1 5	1 41	1 36	6 7	2 29	21 22	0 39	13 52	1 34	31 11	7 25	6 26	6 36	0 20		n.a.
S 24	21 24	17 55	5 0	17 35	0n 3	6 38	0 51	23 11	1 5	1 41	1 36	6 7	2 29	21 22	0 39	13 53	1 34	31 11	7 25	6 21	6 35	0 18		n.a.
M25	21 13	16 2	4 53	16 55	0 16	6 8	0 57	23 3	1 5	1 41	1 36	6 8	2 29	21 21	0 39	13 53	1 34	31 11	7 25	6 16	6 34	0 16		n.a.
T 26	21 1	13 25	4 32	16 16	0 29	5 39	1 2	22 55	1 5	1 42	1 37	6 8	2 29	21 20	0 39	13 54	1 34	31 11	7 25	6 11	6 33	0 14		n.a.
W27	20 49	10 16	3 58	15 38	0 43	5 10	1 8	22 47	1 6	1 42	1 37	6 8	2 30	21 20	0 39	13 54	1 34	31 11	7 25	6 6	6 31	0 12		n.a.
T 28	20 36	6 43	3 14	15 0	0 58	4 40	1 14	22 39	1 6	1 43	1 37	6 9	2 30	21 19	0 39	13 55	1 34	31 11	7 25	6 3	6 30	0 10		n.a.
F 29	20 24	2 58	2 22	14 24	1 12	4 11	1 20	22 31	1 6	1 43	1 37	6 9	2 30	21 18	0 39	13 55	1 34	31 11	7 25	6 1	6 29	0 8		n.a.
S 30	20 10	0s53	1 24	13 49	1 27	3 42	1 26	22 22	1 6	1 44	1 38	6 9	2 30	21 17	0 39	13 56	1 34	31 11	7 24	5 59	6 28	0 6		n.a.
S 31	19s57	4s41	0s22	13s16	1n42	3s12	1n32	22s13	1s 6	1n45	1n38	6s 9	2n31	21s17	0s39	13n56	1n34	31n11	7n24	5s59	6s26	0n 4		n.a.

Julian Day Number = 1348868.5, Delta T = 07h09m07s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'25, Lahiri = -18°02'24 Julian Calendar 1 Jan. 1020 BCE == Greg. Calendar 22 Dec. 1021 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

FEBRUARY 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 5 36	3♒20'17	22♎38	21♒23	19♓30	27♑31	29°R20	21♎25	29♑14	27°R39	3°R11	14♎57	16♎ 5	25♍51	n.a.	M 1
T 2	8 9 33	4°20'05	4♏36	22° 6	20°29	28°18	29♍19	21°25	29°17	27♌37	3♋10	14°R57	16° 2	25°58	n.a.	T 2
W 3	8 13 29	5°19'52	16°47	22°42	21°27	29° 5	29°17	21°26	29°21	27°36	3° 9	14°57	15°58	26° 5	n.a.	W 3
T 4	8 17 26	6°19'36	29°18	23° 9	22°25	29°52	29°15	21°26	29°24	27°35	3° 7	14°54	15°55	26°11	n.a.	T 4
F 5	8 21 22	7°19'19	12♐11	23°27	23°23	0♒39	29°12	21°27	29°28	27°33	3° 6	14°50	15°52	26°18	n.a.	F 5
S 6	8 25 19	8°19'00	25°30	23°37	24°20	1°26	29°10	21°27	29°31	27°31	3° 5	14°42	15°49	26°25	n.a.	S 6
S 7	8 29 16	9°18'39	9♑17	23°R38	25°16	2°13	29° 7	21°27	29°34	27°30	3° 4	14°33	15°46	26°31	n.a.	S 7
M 8	8 33 12	10°18'16	23°30	23°31	26°12	3° 0	29° 5	21°R27	29°38	27°28	3° 3	14°23	15°43	26°38	n.a.	M 8
T 9	8 37 9	11°17'51	8♒ 4	23°16	27° 8	3°46	29° 2	21°27	29°41	27°27	3° 2	14°13	15°39	26°45	n.a.	T 9
W10	8 41 5	12°17'23	22°51	22°53	28° 2	4°33	28°58	21°27	29°45	27°25	3° 1	14° 4	15°36	26°51	n.a.	W10
T 11	8 45 2	13°16'54	7♓44	22°24	28°57	5°20	28°55	21°26	29°48	27°24	3° 0	13°57	15°33	26°58	n.a.	T 11
F 12	8 48 58	14°16'22	22°35	21°48	29°50	6° 6	28°52	21°26	29°51	27°22	2°59	13°53	15°30	27° 4	n.a.	F 12
S 13	8 52 55	15°15'47	7♈15	21° 7	0♈43	6°53	28°48	21°26	29°55	27°20	2°58	13°D51	15°27	27°11	n.a.	S 13
S 14	8 56 51	16°15'11	21°41	20°21	1°35	7°40	28°44	21°25	29°58	27°19	2°57	13°51	15°23	27°18	n.a.	S 14
M15	9 0 48	17°14'31	5♉49	19°32	2°27	8°26	28°40	21°24	0♒ 1	27°17	2°56	13°52	15°20	27°24	n.a.	M15
T 16	9 4 44	18°13'50	19°39	18°41	3°17	9°13	28°36	21°24	0° 5	27°16	2°55	13°R52	15°17	27°31	n.a.	T 16
W17	9 8 41	19°13'05	3♊12	17°48	4° 7	9°59	28°32	21°23	0° 8	27°14	2°54	13°51	15°14	27°38	n.a.	W17
T 18	9 12 38	20°12'19	16°28	16°56	4°56	10°46	28°27	21°22	0°11	27°12	2°53	13°48	15°11	27°44	n.a.	T 18
F 19	9 16 34	21°11'30	29°31	16° 4	5°45	11°32	28°22	21°21	0°14	27°11	2°52	13°43	15° 8	27°51	n.a.	F 19
S 20	9 20 31	22°10'38	12♋19	15°14	6°32	12°18	28°18	21°20	0°18	27° 9	2°51	13°35	15° 4	27°58	n.a.	S 20
S 21	9 24 27	23° 9'44	24°56	14°27	7°19	13° 5	28°13	21°18	0°21	27° 8	2°50	13°26	15° 1	28° 4	n.a.	S 21
M22	9 28 24	24° 8'48	7♌22	13°44	8° 4	13°51	28° 8	21°17	0°24	27° 6	2°50	13°17	14°58	28°11	n.a.	M22
T 23	9 32 20	25° 7'50	19°38	13° 4	8°49	14°37	28° 2	21°16	0°27	27° 4	2°49	13° 8	14°55	28°18	n.a.	T 23
W24	9 36 17	26° 6'49	1♍44	12°30	9°32	15°24	27°57	21°14	0°30	27° 3	2°48	13° 0	14°52	28°24	n.a.	W24
T 25	9 40 13	27° 5'46	13°41	12° 0	10°15	16°10	27°51	21°12	0°34	27° 1	2°47	12°54	14°48	28°31	n.a.	T 25
F 26	9 44 10	28° 4'41	25°33	11°36	10°57	16°56	27°46	21°11	0°37	26°59	2°47	12°51	14°45	28°38	n.a.	F 26
S 27	9 48 6	29° 3'34	7♎21	11°17	11°37	17°42	27°40	21° 9	0°40	26°58	2°46	12°D49	14°42	28°44	n.a.	S 27
S 28	9 52 3	0♓ 2'25	19♎ 8	11♒ 4	12♈16	18♒28	27♍34	21♎ 7	0♒43	26♌56	2♋45	12♎49	14♎39	28♍51	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s43	8s19	0n41	12s46	1n57	2s43	1n38	22s 3	1s 6	1n46	1n38	6s 9	2n31	21s16	0s39	13n57	1n34	31n11	7n24	5s59	6s25	0n 2		n.a.
T 2	19 29	11 39	1 43	12 18	2 11	2 14	1 45	21 54	1 6	1 47	1 38	6 9	2 31	21 15	0 39	13 57	1 34	31 11	7 24	5 59	6 24	0 1		n.a.
W 3	19 14	14 33	2 41	11 53	2 25	1 45	1 51	21 44	1 6	1 48	1 39	6 9	2 31	21 15	0 39	13 58	1 34	31 11	7 24	5 59	6 23	0s 1		n.a.
T 4	18 59	16 51	3 33	11 31	2 38	1 16	1 57	21 34	1 6	1 49	1 39	6 9	2 31	21 14	0 39	13 58	1 34	31 11	7 24	5 58	6 22	0 3		n.a.
F 5	18 44	18 22	4 16	11 13	2 51	0 47	2 4	21 24	1 6	1 50	1 39	6 9	2 32	21 13	0 39	13 59	1 34	31 11	7 24	5 56	6 20	0 5		n.a.
S 6	18 28	18 57	4 47	10 59	3 3	0 18	2 10	21 13	1 6	1 51	1 39	6 9	2 32	21 12	0 39	14 0	1 34	31 11	7 24	5 53	6 19	0 7		n.a.
S 7	18 12	18 27	5 2	10 48	3 14	0n11	2 17	21 3	1 6	1 52	1 40	6 9	2 32	21 12	0 39	14 0	1 34	31 11	7 24	5 49	6 18	0 9		n.a.
M 8	17 56	16 49	5 0	10 42	3 23	0 39	2 23	20 52	1 6	1 54	1 40	6 8	2 32	21 11	0 39	14 1	1 34	31 11	7 24	5 45	6 17	0 11		n.a.
T 9	17 40	14 4	4 38	10 39	3 32	1 8	2 30	20 41	1 6	1 55	1 40	6 8	2 33	21 10	0 39	14 1	1 34	31 11	7 24	5 41	6 15	0 13		n.a.
W10	17 23	10 22	3 58	10 40	3 38	1 36	2 36	20 30	1 6	1 57	1 40	6 8	2 33	21 9	0 39	14 2	1 34	31 11	7 24	5 38	6 14	0 15		n.a.
T 11	17 6	6 1	3 1	10 45	3 43	2 4	2 43	20 18	1 6	1 58	1 40	6 8	2 33	21 9	0 39	14 2	1 34	31 11	7 24	5 35	6 13	0 17		n.a.
F 12	16 48	1 17	1 51	10 53	3 47	2 31	2 50	20 6	1 6	2 0	1 41	6 7	2 33	21 8	0 39	14 3	1 34	31 11	7 24	5 33	6 12	0 19		n.a.
S 13	16 31	3n28	0 35	11 5	3 48	2 59	2 56	19 54	1 6	2 1	1 41	6 7	2 33	21 7	0 39	14 4	1 34	31 11	7 24	5 33	6 10	0 21		n.a.
S 14	16 13	7 56	0s42	11 20	3 48	3 26	3 3	19 42	1 6	2 3	1 41	6 7	2 34	21 7	0 39	14 4	1 34	31 11	7 24	5 33	6 9	0 22		n.a.
M15	15 55	11 52	1 55	11 38	3 45	3 53	3 10	19 30	1 6	2 5	1 41	6 6	2 34	21 6	0 39	14 5	1 34	31 10	7 24	5 33	6 8	0 24		n.a.
T 16	15 36	15 2	3 0	11 58	3 41	4 20	3 17	19 17	1 6	2 7	1 42	6 6	2 34	21 5	0 39	14 5	1 34	31 10	7 24	5 33	6 7	0 26		n.a.
W17	15 18	17 19	3 53	12 19	3 35	4 46	3 24	19 5	1 6	2 9	1 42	6 5	2 34	21 5	0 39	14 6	1 35	31 10	7 24	5 33	6 5	0 28		n.a.
T 18	14 59	18 35	4 33	12 43	3 28	5 12	3 30	18 52	1 6	2 11	1 42	6 5	2 35	21 4	0 39	14 6	1 35	31 10	7 24	5 32	6 4	0 30		n.a.
F 19	14 39	18 51	4 57	13 7	3 18	5 38	3 37	18 39	1 6	2 13	1 42	6 4	2 35	21 3	0 39	14 7	1 35	31 10	7 23	5 29	6 3	0 32		n.a.
S 20	14 20	18 9	5 7	13 32	3 8	6 3	3 44	18 25	1 6	2 15	1 42	6 3	2 35	21 2	0 39	14 8	1 35	31 10	7 23	5 27	6 2	0 34		n.a.
S 21	14 1	16 33	5 1	13 57	2 56	6 28	3 51	18 12	1 5	2 17	1 42	6 3	2 35	21 2	0 39	14 8	1 35	31 10	7 23	5 23	6 0	0 36		n.a.
M22	13 41	14 12	4 40	14 22	2 43	6 53	3 58	17 58	1 5	2 19	1 43	6 2	2 35	21 1	0 39	14 9	1 35	31 10	7 23	5 19	5 59	0 38		n.a.
T 23	13 21	11 15	4 7	14 46	2 29	7 17	4 4	17 44	1 5	2 22	1 43	6 1	2 36	21 0	0 39	14 9	1 35	31 10	7 23	5 16	5 58	0 40		n.a.
W24	13 1	7 52	3 24	15 10	2 15	7 40	4 11	17 31	1 5	2 24	1 43	6 0	2 36	21 0	0 39	14 10	1 35	31 10	7 23	5 13	5 57	0 42		n.a.
T 25	12 40	4 11	2 31	15 32	2 0	8 4	4 18	17 16	1 5	2 26	1 43	6 0	2 36	20 59	0 39	14 11	1 35	31 10	7 23	5 10	5 55	0 43		n.a.
F 26	12 20	0 23	1 32	15 53	1 45	8 26	4 25	17 2	1 5	2 29	1 43	5 59	2 36	20 58	0 39	14 11	1 35	31 10	7 23	5 9	5 54	0 45		n.a.
S 27	11 59	3s25	0 30	16 13	1 30	8 49	4 31	16 48	1 5	2 31	1 43	5 58	2 36	20 58	0 39	14 12	1 35	31 10	7 23	5 8	5 53	0 47		n.a.
S 28	11s38	7s 5	0n34	16s32	1n15	9n10	4n38	16s33	1s 5	2n34	1n44	5s57	2n37	20s57	0s39	14n12	1n35	31n10	7n23	5s 8	5s52	0s49		n.a.

Julian Day Number = 1348899.5, Delta T = 07h09m06s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'21, Lahiri = -18°02'20 Julian Calendar 1 Feb. 1020 BCE == Greg. Calendar 22 Jan. 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

MARCH 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 56 0	1♓ 1'14	0♏59	10°R56	12♈54	19♒14	27°R28	21°R 5	0♒46	26°R54	2°R45	12♎50	14♎36	28♍58	n.a.	M 1
T 2	9 59 56	2° 0'01	12°57	10°D54	13°31	20° 0	27♍22	21♎ 3	0°49	26♌53	2♋44	12°52	14°33	29° 4	n.a.	T 2
W 3	10 3 53	2°58'47	25° 7	10♒57	14° 6	20°46	27°15	21° 1	0°52	26°51	2°43	12°53	14°29	29°11	n.a.	W 3
T 4	10 7 49	3°57'30	7♐35	11° 5	14°41	21°32	27° 9	20°59	0°55	26°49	2°43	12°R53	14°26	29°17	n.a.	T 4
F 5	10 11 46	4°56'12	20°25	11°19	15°13	22°18	27° 3	20°56	0°58	26°48	2°42	12°52	14°23	29°24	n.a.	F 5
S 6	10 15 42	5°54'52	3♑41	11°37	15°45	23° 4	26°56	20°54	1° 1	26°46	2°42	12°49	14°20	29°31	n.a.	S 6
S 7	10 19 39	6°53'30	17°24	12° 0	16°15	23°49	26°49	20°51	1° 4	26°45	2°41	12°45	14°17	29°37	n.a.	S 7
M 8	10 23 35	7°52'06	1♒36	12°28	16°43	24°35	26°42	20°49	1° 7	26°43	2°41	12°40	14°14	29°44	n.a.	M 8
T 9	10 27 32	8°50'41	16°13	13° 0	17° 9	25°21	26°36	20°46	1°10	26°41	2°40	12°35	14°10	29°51	n.a.	T 9
W10	10 31 29	9°49'13	1♓ 9	13°36	17°34	26° 7	26°29	20°44	1°13	26°40	2°40	12°30	14° 7	29°57	n.a.	W10
T 11	10 35 25	10°47'43	16°16	14°16	17°58	26°52	26°22	20°41	1°16	26°38	2°40	12°27	14° 4	0♎ 4	n.a.	T 11
F 12	10 39 22	11°46'12	1♈24	14°59	18°19	27°38	26°14	20°38	1°18	26°37	2°39	12°25	14° 1	0°11	n.a.	F 12
S 13	10 43 18	12°44'38	16°25	15°46	18°39	28°23	26° 7	20°35	1°21	26°35	2°39	12°D25	13°58	0°17	n.a.	S 13
S 14	10 47 15	13°43'02	1♉ 9	16°37	18°57	29° 9	26° 0	20°32	1°24	26°33	2°39	12°26	13°54	0°24	n.a.	S 14
M15	10 51 11	14°41'24	15°34	17°30	19°12	29°54	25°53	20°29	1°27	26°32	2°38	12°27	13°51	0°31	n.a.	M15
T 16	10 55 8	15°39'43	29°35	18°27	19°26	0♓40	25°45	20°26	1°29	26°30	2°38	12°28	13°48	0°37	n.a.	T 16
W17	10 59 4	16°38'01	13♊12	19°27	19°38	1°25	25°38	20°22	1°32	26°29	2°38	12°R29	13°45	0°44	n.a.	W17
T 18	11 3 1	17°36'16	26°27	20°29	19°47	2°10	25°30	20°19	1°35	26°27	2°38	12°29	13°42	0°51	n.a.	T 18
F 19	11 6 57	18°34'29	9♋23	21°34	19°54	2°55	25°23	20°16	1°37	26°26	2°37	12°27	13°39	0°57	n.a.	F 19
S 20	11 10 54	19°32'40	22° 1	22°42	19°59	3°41	25°15	20°12	1°40	26°24	2°37	12°25	13°35	1° 4	n.a.	S 20
S 21	11 14 51	20°30'48	4♌25	23°52	20° 2	4°26	25° 8	20° 9	1°42	26°23	2°37	12°22	13°32	1°11	n.a.	S 21
M22	11 18 47	21°28'55	16°37	25° 5	20°R 2	5°11	25° 0	20° 5	1°45	26°21	2°37	12°19	13°29	1°17	n.a.	M22
T 23	11 22 44	22°27'00	28°40	26°20	20° 0	5°56	24°52	20° 2	1°47	26°20	2°37	12°15	13°26	1°24	n.a.	T 23
W24	11 26 40	23°25'02	10♍36	27°38	19°55	6°41	24°45	19°58	1°50	26°18	2°37	12°13	13°23	1°30	n.a.	W24
T 25	11 30 37	24°23'03	22°27	28°57	19°48	7°26	24°37	19°54	1°52	26°17	2°D37	12°11	13°19	1°37	n.a.	T 25
F 26	11 34 33	25°21'02	4♎15	0♓19	19°38	8°11	24°29	19°51	1°55	26°16	2°37	12°10	13°16	1°44	n.a.	F 26
S 27	11 38 30	26°18'59	16° 3	1°43	19°26	8°55	24°22	19°47	1°57	26°14	2°37	12°D10	13°13	1°50	n.a.	S 27
S 28	11 42 26	27°16'55	27°53	3° 9	19°12	9°40	24°14	19°43	1°59	26°13	2°37	12°10	13°10	1°57	n.a.	S 28
M29	11 46 23	28°14'49	9♏47	4°37	18°55	10°25	24° 6	19°39	2° 1	26°12	2°37	12°11	13° 7	2° 4	n.a.	M29
T 30	11 50 19	29°12'41	21°49	6° 8	18°36	11°10	23°59	19°35	2° 4	26°10	2°37	12°12	13° 4	2°10	n.a.	T 30
W31	11 54 16	0♈10'32	4♐ 3	7♓40	18♈14	11♓54	23♍51	19♎31	2♒ 6	26♌ 9	2♋37	12♎14	13♎ 0	2♎17	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s17	10s29	1n37	16s48	1n 0	9n32	4n45	16s18	1s 5	2n36	1n44	5s56	2n37	20s56	0s39	14n13	1n35	31n10	7n23	5s 9	5s50	0s51			n.a.
T 2	10 56	13 29	2 37	17 3	0 45	9 52	4 51	16 4	1 4	2 39	1 44	5 55	2 37	20 56	0 39	14 14	1 35	31 9	7 22	5 9	5 49	0 53			n.a.
W 3	10 34	15 57	3 30	17 16	0 30	10 12	4 58	15 49	1 4	2 42	1 44	5 54	2 37	20 55	0 39	14 14	1 35	31 9	7 22	5 10	5 48	0 55			n.a.
T 4	10 13	17 44	4 15	17 28	0 16	10 32	5 4	15 33	1 4	2 44	1 44	5 53	2 37	20 54	0 39	14 15	1 35	31 9	7 22	5 10	5 47	0 57			n.a.
F 5	9 51	18 40	4 48	17 37	0 2	10 50	5 10	15 18	1 4	2 47	1 44	5 52	2 37	20 54	0 39	14 15	1 35	31 9	7 22	5 10	5 45	0 59			n.a.
S 6	9 29	18 38	5 8	17 45	0s11	11 9	5 17	15 3	1 4	2 50	1 44	5 51	2 38	20 53	0 39	14 16	1 35	31 9	7 22	5 8	5 44	1 1			n.a.
S 7	9 7	17 31	5 11	17 51	0 24	11 26	5 23	14 47	1 4	2 53	1 45	5 50	2 38	20 52	0 39	14 16	1 35	31 9	7 22	5 7	5 43	1 3			n.a.
M 8	8 45	15 19	4 55	17 55	0 36	11 43	5 29	14 32	1 3	2 55	1 45	5 49	2 38	20 52	0 39	14 17	1 35	31 9	7 22	5 5	5 42	1 4			n.a.
T 9	8 23	12 5	4 20	17 57	0 48	11 58	5 35	14 16	1 3	2 58	1 45	5 48	2 38	20 51	0 39	14 17	1 35	31 9	7 22	5 3	5 40	1 6			n.a.
W10	8 0	8 1	3 27	17 57	0 59	12 14	5 40	14 0	1 3	3 1	1 45	5 47	2 38	20 51	0 39	14 18	1 35	31 9	7 22	5 1	5 39	1 8			n.a.
T 11	7 38	3 23	2 18	17 55	1 10	12 28	5 46	13 44	1 3	3 4	1 45	5 45	2 38	20 50	0 40	14 19	1 35	31 9	7 21	5 0	5 38	1 10			n.a.
F 12	7 15	1n29	1 0	17 52	1 20	12 41	5 51	13 28	1 3	3 7	1 45	5 44	2 39	20 49	0 40	14 19	1 35	31 8	7 21	4 59	5 37	1 12			n.a.
S 13	6 53	6 13	0s22	17 47	1 29	12 54	5 57	13 12	1 2	3 10	1 45	5 43	2 39	20 49	0 40	14 20	1 35	31 8	7 21	4 59	5 35	1 14			n.a.
S 14	6 30	10 29	1 41	17 40	1 38	13 5	6 2	12 55	1 2	3 13	1 45	5 42	2 39	20 48	0 40	14 20	1 35	31 8	7 21	4 59	5 34	1 16			n.a.
M15	6 7	14 1	2 52	17 31	1 46	13 16	6 6	12 39	1 2	3 16	1 45	5 40	2 39	20 48	0 40	14 21	1 35	31 8	7 21	5 0	5 33	1 18			n.a.
T 16	5 44	16 37	3 51	17 20	1 54	13 25	6 11	12 22	1 2	3 19	1 45	5 39	2 39	20 47	0 40	14 21	1 35	31 8	7 21	5 0	5 32	1 20			n.a.
W17	5 21	18 12	4 35	17 8	2 1	13 34	6 15	12 6	1 1	3 22	1 45	5 38	2 39	20 46	0 40	14 22	1 35	31 8	7 21	5 0	5 30	1 22			n.a.
T 18	4 58	18 43	5 3	16 53	2 7	13 41	6 19	11 49	1 1	3 25	1 45	5 36	2 39	20 46	0 40	14 22	1 35	31 8	7 21	5 0	5 29	1 23			n.a.
F 19	4 35	18 15	5 14	16 37	2 13	13 47	6 23	11 32	1 1	3 28	1 45	5 35	2 40	20 45	0 40	14 23	1 35	31 8	7 20	5 0	5 28	1 25			n.a.
S 20	4 12	16 53	5 10	16 20	2 18	13 52	6 26	11 15	1 1	3 31	1 45	5 33	2 40	20 45	0 40	14 23	1 35	31 8	7 20	4 59	5 27	1 27			n.a.
S 21	3 49	14 44	4 52	16 0	2 22	13 56	6 29	10 58	1 0	3 34	1 45	5 32	2 40	20 44	0 40	14 24	1 35	31 7	7 20	4 58	5 25	1 29			n.a.
M22	3 26	11 58	4 21	15 39	2 26	13 58	6 32	10 41	1 0	3 37	1 45	5 31	2 40	20 44	0 40	14 24	1 35	31 7	7 20	4 56	5 24	1 31			n.a.
T 23	3 2	8 43	3 38	15 16	2 30	14 0	6 34	10 24	1 0	3 40	1 45	5 29	2 40	20 43	0 40	14 25	1 35	31 7	7 20	4 55	5 23	1 33			n.a.
W24	2 39	5 9	2 46	14 52	2 32	13 59	6 36	10 7	1 0	3 43	1 45	5 28	2 40	20 43	0 40	14 25	1 35	31 7	7 20	4 54	5 22	1 35			n.a.
T 25	2 16	1 25	1 47	14 26	2 35	13 58	6 37	9 50	0 59	3 47	1 45	5 26	2 40	20 42	0 40	14 26	1 35	31 7	7 20	4 53	5 20	1 37			n.a.
F 26	1 53	2s23	0 44	13 58	2 36	13 55	6 38	9 33	0 59	3 50	1 45	5 25	2 40	20 42	0 40	14 26	1 34	31 7	7 20	4 53	5 19	1 39			n.a.
S 27	1 29	6 5	0n22	13 28	2 37	13 50	6 38	9 15	0 59	3 53	1 45	5 23	2 40	20 41	0 40	14 27	1 34	31 7	7 19	4 53	5 18	1 40			n.a.
S 28	1 6	9 33	1 26	12 57	2 37	13 44	6 38	8 58	0 58	3 56	1 45	5 21	2 40	20 41	0 40	14 27	1 34	31 6	7 19	4 53	5 17	1 42			n.a.
M29	0 42	12 39	2 27	12 24	2 37	13 37	6 37	8 40	0 58	3 59	1 45	5 20	2 41	20 40	0 40	14 28	1 34	31 6	7 19	4 53	5 15	1 44			n.a.
T 30	0 19	15 15	3 23	11 49	2 36	13 28	6 35	8 23	0 58	4 2	1 45	5 18	2 41	20 40	0 40	14 28	1 34	31 6	7 19	4 54	5 14	1 46			n.a.
W31	0n 4	17s12	4n10	11s13	2s35	13n18	6n33	8s 5	0s57	4n 5	1n45	5s17	2n41	20s39	0s40	14n28	1n34	31n 6	7n19	4s54	5s13	1s48			n.a.

Julian Day Number = 1348927.5, Delta T = 07h09m04s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'17, Lahiri = -18°02'16 Julian Calendar 1 March 1020 BCE == Greg. Calendar 19 Feb. 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

APRIL 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 13	1♈ 8'22	16♐32	9♓14	17°R51	12♓39	23°R44	19°R27	2♒ 8	26°R 8	2♋38	12♎14	12♎57	2♎24	n.a.	T 1
F 2	12 2 9	2° 6'11	29°21	10°51	17♈25	13°23	23♍36	19♎23	2°10	26♌ 6	2°38	12°R15	12°54	2°30	n.a.	F 2
S 3	12 6 6	3° 3'58	12♑32	12°29	16°57	14° 8	23°29	19°19	2°12	26° 5	2°38	12°15	12°51	2°37	n.a.	S 3
S 4	12 10 2	4° 1'44	26° 8	14° 9	16°27	14°52	23°21	19°15	2°14	26° 4	2°38	12°14	12°48	2°44	n.a.	S 4
M 5	12 13 59	4°59'28	10♒10	15°52	15°56	15°37	23°14	19°10	2°16	26° 3	2°39	12°13	12°45	2°50	n.a.	M 5
T 6	12 17 55	5°57'11	24°38	17°36	15°23	16°21	23° 7	19° 6	2°18	26° 1	2°39	12°13	12°41	2°57	n.a.	T 6
W 7	12 21 52	6°54'53	9♓27	19°22	14°49	17° 5	22°59	19° 2	2°20	26° 0	2°39	12°12	12°38	3° 4	n.a.	W 7
T 8	12 25 48	7°52'34	24°32	21°10	14°13	17°49	22°52	18°58	2°22	25°59	2°40	12°12	12°35	3°10	n.a.	T 8
F 9	12 29 45	8°50'13	9♈43	23° 1	13°37	18°34	22°45	18°53	2°24	25°58	2°40	12°D12	12°32	3°17	n.a.	F 9
S 10	12 33 42	9°47'51	24°51	24°53	13° 0	19°18	22°38	18°49	2°25	25°57	2°40	12°12	12°29	3°23	n.a.	S 10
S 11	12 37 38	10°45'27	9♉48	26°47	12°22	20° 2	22°31	18°45	2°27	25°56	2°41	12°12	12°25	3°30	n.a.	S 11
M12	12 41 35	11°43'02	24°25	28°43	11°44	20°46	22°24	18°40	2°29	25°55	2°41	12°12	12°22	3°37	n.a.	M12
T 13	12 45 31	12°40'35	8♊39	0♈42	11° 7	21°30	22°17	18°36	2°31	25°54	2°42	12°R12	12°19	3°43	n.a.	T 13
W14	12 49 28	13°38'07	22°26	2°42	10°29	22°13	22°10	18°32	2°32	25°53	2°42	12°12	12°16	3°50	n.a.	W14
T 15	12 53 24	14°35'37	5♋47	4°43	9°52	22°57	22° 4	18°27	2°34	25°52	2°43	12°12	12°13	3°57	n.a.	T 15
F 16	12 57 21	15°33'06	18°43	6°47	9°15	23°41	21°57	18°23	2°35	25°51	2°44	12°D12	12°10	4° 3	n.a.	F 16
S 17	13 1 17	16°30'33	1♌19	8°52	8°40	24°25	21°51	18°18	2°37	25°50	2°44	12°12	12° 6	4°10	n.a.	S 17
S 18	13 5 14	17°27'59	13°37	10°59	8° 5	25° 8	21°45	18°14	2°38	25°49	2°45	12°12	12° 3	4°17	n.a.	S 18
M19	13 9 11	18°25'23	25°42	13° 7	7°32	25°52	21°38	18°10	2°40	25°48	2°45	12°13	12° 0	4°23	n.a.	M19
T 20	13 13 7	19°22'46	7♍38	15°16	7° 1	26°36	21°32	18° 5	2°41	25°47	2°46	12°13	11°57	4°30	n.a.	T 20
W21	13 17 4	20°20'07	19°28	17°26	6°31	27°19	21°26	18° 1	2°42	25°47	2°47	12°14	11°54	4°37	n.a.	W21
T 22	13 21 0	21°17'28	1♎16	19°37	6° 3	28° 2	21°20	17°56	2°43	25°46	2°48	12°15	11°51	4°43	n.a.	T 22
F 23	13 24 57	22°14'47	13° 4	21°48	5°37	28°46	21°15	17°52	2°45	25°45	2°48	12°R15	11°47	4°50	n.a.	F 23
S 24	13 28 53	23°12'05	24°55	24° 0	5°13	29°29	21° 9	17°48	2°46	25°44	2°49	12°15	11°44	4°57	n.a.	S 24
S 25	13 32 50	24° 9'22	6♏51	26°11	4°51	0♈12	21° 4	17°43	2°47	25°44	2°50	12°14	11°41	5° 3	n.a.	S 25
M26	13 36 46	25° 6'39	18°54	28°22	4°32	0°56	20°58	17°39	2°48	25°43	2°51	12°12	11°38	5°10	n.a.	M26
T 27	13 40 43	26° 3'54	1♐ 6	0♉33	4°15	1°39	20°53	17°34	2°49	25°42	2°52	12°10	11°35	5°16	n.a.	T 27
W28	13 44 39	27° 1'09	13°30	2°43	4° 0	2°22	20°48	17°30	2°50	25°42	2°52	12° 8	11°31	5°23	n.a.	W28
T 29	13 48 36	27°58'23	26° 7	4°52	3°48	3° 5	20°43	17°26	2°51	25°41	2°53	12° 6	11°28	5°30	n.a.	T 29
F 30	13 52 33	28♈55'37	9♑ 0	6♉59	3♈38	3♈48	20♍39	17♎22	2♒52	25♌41	2♋54	12♎ 5	11♎25	5♎36	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n28	18s22	4n46	10s35	2s33	13n 6	6n30	7s48	0s57	4n 8	1n45	5s15	2n41	20s39	0s40	14n29	1n34	31n 6	7n19	4s55	5s12	1s50		n.a.
F 2	0 51	18 39	5 10	9 56	2 31	12 52	6 27	7 30	0 57	4 11	1 45	5 14	2 41	20 38	0 40	14 29	1 34	31 6	7 19	4 55	5 10	1 52		n.a.
S 3	1 14	17 57	5 18	9 15	2 27	12 37	6 22	7 12	0 56	4 14	1 45	5 12	2 41	20 38	0 40	14 30	1 34	31 6	7 19	4 55	5 9	1 54		n.a.
S 4	1 38	16 12	5 8	8 32	2 24	12 21	6 17	6 55	0 56	4 16	1 45	5 10	2 41	20 37	0 40	14 30	1 34	31 6	7 18	4 55	5 8	1 56		n.a.
M 5	2 1	13 28	4 41	7 48	2 20	12 3	6 11	6 37	0 56	4 19	1 44	5 9	2 41	20 37	0 40	14 31	1 34	31 5	7 18	4 54	5 7	1 57		n.a.
T 6	2 24	9 50	3 55	7 2	2 15	11 44	6 5	6 19	0 55	4 22	1 44	5 7	2 41	20 37	0 40	14 31	1 34	31 5	7 18	4 54	5 5	1 59		n.a.
W 7	2 47	5 30	2 52	6 15	2 9	11 24	5 58	6 1	0 55	4 25	1 44	5 5	2 41	20 36	0 40	14 31	1 34	31 5	7 18	4 54	5 4	2 1		n.a.
T 8	3 10	0 44	1 37	5 26	2 4	11 3	5 50	5 43	0 55	4 28	1 44	5 4	2 41	20 36	0 40	14 32	1 34	31 5	7 18	4 54	5 3	2 3		n.a.
F 9	3 33	4n 7	0 14	4 36	1 57	10 40	5 41	5 25	0 54	4 30	1 44	5 2	2 41	20 35	0 40	14 32	1 34	31 5	7 18	4 54	5 2	2 5		n.a.
S 10	3 56	8 41	1s10	3 45	1 50	10 17	5 32	5 8	0 54	4 33	1 44	5 0	2 41	20 35	0 40	14 32	1 34	31 5	7 18	4 54	5 0	2 7		n.a.
S 11	4 19	12 39	2 28	2 52	1 43	9 53	5 22	4 50	0 54	4 36	1 44	4 59	2 41	20 35	0 40	14 33	1 34	31 5	7 18	4 54	4 59	2 9		n.a.
M12	4 42	15 43	3 34	1 58	1 35	9 28	5 11	4 32	0 53	4 39	1 43	4 57	2 41	20 34	0 40	14 33	1 34	31 4	7 17	4 54	4 58	2 11		n.a.
T 13	5 5	17 43	4 25	1 3	1 27	9 3	5 0	4 14	0 53	4 41	1 43	4 55	2 41	20 34	0 41	14 33	1 34	31 4	7 17	4 54	4 57	2 12		n.a.
W14	5 28	18 37	4 59	0 6	1 18	8 37	4 48	3 56	0 52	4 44	1 43	4 54	2 41	20 34	0 41	14 34	1 34	31 4	7 17	4 54	4 55	2 14		n.a.
T 15	5 50	18 25	5 16	0n51	1 9	8 11	4 36	3 38	0 52	4 46	1 43	4 52	2 41	20 33	0 41	14 34	1 34	31 4	7 17	4 54	4 54	2 16		n.a.
F 16	6 13	17 16	5 16	1 50	0 59	7 45	4 24	3 20	0 52	4 49	1 43	4 50	2 41	20 33	0 41	14 34	1 34	31 4	7 17	4 54	4 53	2 18		n.a.
S 17	6 35	15 18	5 1	2 49	0 50	7 19	4 11	3 2	0 51	4 51	1 43	4 49	2 41	20 33	0 41	14 35	1 34	31 4	7 17	4 54	4 51	2 20		n.a.
S 18	6 58	12 40	4 32	3 48	0 39	6 53	3 57	2 44	0 51	4 53	1 42	4 47	2 41	20 32	0 41	14 35	1 34	31 4	7 17	4 54	4 50	2 22		n.a.
M19	7 20	9 32	3 51	4 48	0 29	6 27	3 44	2 26	0 50	4 56	1 42	4 45	2 41	20 32	0 41	14 35	1 34	31 4	7 17	4 54	4 49	2 24		n.a.
T 20	7 42	6 3	3 1	5 49	0 19	6 2	3 30	2 8	0 50	4 58	1 42	4 44	2 41	20 32	0 41	14 35	1 34	31 3	7 16	4 54	4 48	2 26		n.a.
W21	8 4	2 21	2 3	6 49	0 8	5 37	3 16	1 50	0 49	5 0	1 42	4 42	2 41	20 31	0 41	14 36	1 34	31 3	7 16	4 55	4 46	2 28		n.a.
T 22	8 26	1s26	1 1	7 50	0n 2	5 13	3 2	1 32	0 49	5 2	1 42	4 40	2 41	20 31	0 41	14 36	1 34	31 3	7 16	4 55	4 45	2 29		n.a.
F 23	8 48	5 10	0n 5	8 49	0 13	4 50	2 48	1 14	0 49	5 4	1 41	4 39	2 41	20 31	0 41	14 36	1 34	31 3	7 16	4 55	4 44	2 31		n.a.
S 24	9 9	8 43	1 10	9 49	0 23	4 27	2 34	0 56	0 48	5 6	1 41	4 37	2 41	20 31	0 41	14 36	1 34	31 3	7 16	4 55	4 43	2 33		n.a.
S 25	9 31	11 56	2 12	10 47	0 34	4 6	2 20	0 39	0 48	5 8	1 41	4 35	2 41	20 30	0 41	14 37	1 34	31 3	7 16	4 54	4 41	2 35		n.a.
M26	9 52	14 41	3 10	11 44	0 44	3 45	2 6	0 21	0 47	5 10	1 41	4 34	2 41	20 30	0 41	14 37	1 34	31 3	7 16	4 54	4 40	2 37		n.a.
T 27	10 13	16 48	3 59	12 40	0 53	3 26	1 52	0 3	0 47	5 12	1 41	4 32	2 41	20 30	0 41	14 37	1 34	31 2	7 16	4 53	4 39	2 39		n.a.
W28	10 34	18 11	4 38	13 35	1 3	3 7	1 39	0n15	0 46	5 14	1 40	4 30	2 41	20 30	0 41	14 37	1 34	31 2	7 15	4 52	4 38	2 41		n.a.
T 29	10 55	18 41	5 4	14 28	1 11	2 50	1 26	0 33	0 46	5 16	1 40	4 29	2 40	20 30	0 41	14 37	1 34	31 2	7 15	4 51	4 36	2 42		n.a.
F 30	11n16	18s15	5n16	15n19	1n20	2n34	1n13	0n50	0s45	5n17	1n40	4s27	2n40	20s30	0s41	14n37	1n33	31n 2	7n15	4s51	4s35	2s44		n.a.

Julian Day Number = 1348958.5, Delta T = 07h09m03s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'13, Lahiri = -18°02'12 Julian Calendar 1 Apr. 1020 BCE == Greg. Calendar 22 March 1020 BCE

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

MAY 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 29	29♈52'50	22♊11	9♉ 5	3°R31	4♈31	20°R34	17°R17	2♒53	25°R40	2♋55	12°R 4	11♎22	5♎43	n.a.	S 1
S 2	14 0 26	0♉50'02	5♒42	11°10	3♈26	5°14	20♍30	17♎13	2°54	25♌40	2°56	12°D 4	11°19	5°50	n.a.	S 2
M 3	14 4 22	1°47'15	19°35	13°12	3°23	5°56	20°25	17° 9	2°54	25°39	2°57	12♎ 5	11°16	5°56	n.a.	M 3
T 4	14 8 19	2°44'26	3♓48	15°13	3°D23	6°39	20°21	17° 5	2°55	25°39	2°58	12° 6	11°12	6° 3	n.a.	T 4
W 5	14 12 15	3°41'38	18°21	17°11	3°25	7°22	20°17	17° 1	2°56	25°38	2°59	12° 7	11° 9	6°10	n.a.	W 5
T 6	14 16 12	4°38'48	3♈10	19° 7	3°29	8° 4	20°14	16°56	2°56	25°38	3° 0	12° 8	11° 6	6°16	n.a.	T 6
F 7	14 20 9	5°35'59	18° 9	21° 1	3°36	8°47	20°10	16°52	2°57	25°38	3° 1	12°R 8	11° 3	6°23	n.a.	F 7
S 8	14 24 5	6°33'09	3♉10	22°53	3°45	9°30	20° 7	16°48	2°57	25°37	3° 3	12° 7	11° 0	6°30	n.a.	S 8
S 9	14 28 2	7°30'19	18° 5	24°43	3°56	10°12	20° 3	16°44	2°58	25°37	3° 4	12° 5	10°56	6°36	n.a.	S 9
M10	14 31 58	8°27'28	2♊45	26°30	4° 9	10°54	20° 0	16°40	2°58	25°37	3° 5	12° 1	10°53	6°43	n.a.	M10
T 11	14 35 55	9°24'36	17° 4	28°14	4°23	11°37	19°57	16°36	2°58	25°37	3° 6	11°58	10°50	6°49	n.a.	T 11
W12	14 39 51	10°21'44	0♋58	29°57	4°40	12°19	19°55	16°33	2°59	25°36	3° 7	11°54	10°47	6°56	n.a.	W12
T 13	14 43 48	11°18'51	14°25	1♊37	4°59	13° 1	19°52	16°29	2°59	25°36	3° 8	11°51	10°44	7° 3	n.a.	T 13
F 14	14 47 44	12°15'58	27°25	3°14	5°19	13°43	19°50	16°25	2°59	25°36	3°10	11°48	10°41	7° 9	n.a.	F 14
S 15	14 51 41	13°13'04	10♌ 3	4°49	5°42	14°26	19°47	16°21	2°59	25°36	3°11	11°D47	10°37	7°16	n.a.	S 15
S 16	14 55 38	14°10'09	22°20	6°22	6° 6	15° 8	19°45	16°18	3° 0	25°36	3°12	11°48	10°34	7°23	n.a.	S 16
M17	14 59 34	15° 7'14	4♍24	7°52	6°31	15°50	19°43	16°14	3° 0	25°D36	3°13	11°49	10°31	7°29	n.a.	M17
T 18	15 3 31	16° 4'18	16°17	9°19	6°58	16°32	19°42	16°11	3°R 0	25°36	3°15	11°51	10°28	7°36	n.a.	T 18
W19	15 7 27	17° 1'22	28° 5	10°45	7°27	17°13	19°40	16° 7	3° 0	25°36	3°16	11°52	10°25	7°43	n.a.	W19
T 20	15 11 24	17°58'26	9♎53	12° 7	7°57	17°55	19°39	16° 4	3° 0	25°36	3°17	11°R53	10°22	7°49	n.a.	T 20
F 21	15 15 20	18°55'29	21°43	13°27	8°28	18°37	19°38	16° 0	2°59	25°36	3°19	11°52	10°18	7°56	n.a.	F 21
S 22	15 19 17	19°52'32	3♏40	14°44	9° 1	19°19	19°37	15°57	2°59	25°36	3°20	11°50	10°15	8° 3	n.a.	S 22
S 23	15 23 13	20°49'35	15°45	15°59	9°35	20° 0	19°36	15°54	2°59	25°37	3°22	11°46	10°12	8° 9	n.a.	S 23
M24	15 27 10	21°46'38	28° 1	17°11	10°11	20°42	19°35	15°51	2°59	25°37	3°23	11°41	10° 9	8°16	n.a.	M24
T 25	15 31 7	22°43'41	10♐28	18°20	10°48	21°23	19°35	15°48	2°58	25°37	3°24	11°34	10° 6	8°23	n.a.	T 25
W26	15 35 3	23°40'44	23° 8	19°26	11°25	22° 5	19°35	15°45	2°58	25°37	3°26	11°27	10° 2	8°29	n.a.	W26
T 27	15 39 0	24°37'48	6♑ 1	20°29	12° 4	22°46	19°D35	15°42	2°58	25°38	3°27	11°20	9°59	8°36	n.a.	T 27
F 28	15 42 56	25°34'51	19° 8	21°30	12°44	23°27	19°35	15°39	2°57	25°38	3°29	11°14	9°56	8°42	n.a.	F 28
S 29	15 46 53	26°31'56	2♒27	22°27	13°25	24° 9	19°35	15°36	2°57	25°38	3°30	11°10	9°53	8°49	n.a.	S 29
S 30	15 50 49	27°29'00	16° 1	23°21	14° 8	24°50	19°35	15°33	2°56	25°39	3°32	11° 8	9°50	8°56	n.a.	S 30
M31	15 54 46	28♉26'05	29♒49	24♊11	14♈51	25♈31	19♍36	15♎30	2♒56	25♌39	3♋33	11°D 7	9♎47	9♎ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n36	16s50	5n11	16n 8	1n28	2n20	1n 0	1n 8	0s45	5n19	1n40	4s26	2n40	20s29	0s41	14n38	1n33	31n 2	7n15	4s51	4s34	2s46		n.a.
S 2	11 57	14 27	4 50	16 55	1 35	2 6	0 47	1 26	0 44	5 20	1 39	4 24	2 40	20 29	0 41	14 38	1 33	31 2	7 15	4 50	4 33	2 48		n.a.
M 3	12 17	11 12	4 11	17 39	1 41	1 54	0 35	1 43	0 44	5 22	1 39	4 23	2 40	20 29	0 41	14 38	1 33	31 2	7 15	4 51	4 31	2 50		n.a.
T 4	12 37	7 13	3 16	18 21	1 47	1 43	0 23	2 1	0 43	5 23	1 39	4 21	2 40	20 29	0 41	14 38	1 33	31 2	7 15	4 51	4 30	2 52		n.a.
W 5	12 57	2 43	2 8	19 1	1 52	1 33	0 12	2 19	0 43	5 25	1 38	4 20	2 40	20 29	0 41	14 38	1 33	31 1	7 15	4 52	4 29	2 54		n.a.
T 6	13 16	2n 2	0 49	19 39	1 57	1 25	0 0	2 36	0 42	5 26	1 38	4 18	2 40	20 29	0 41	14 38	1 33	31 1	7 15	4 52	4 28	2 56		n.a.
F 7	13 36	6 43	0s33	20 14	2 1	1 18	0s10	2 54	0 42	5 27	1 38	4 17	2 40	20 29	0 41	14 38	1 33	31 1	7 15	4 52	4 26	2 57		n.a.
S 8	13 55	10 59	1 53	20 47	2 4	1 11	0 21	3 11	0 41	5 28	1 38	4 15	2 40	20 29	0 41	14 38	1 33	31 1	7 14	4 52	4 25	2 59		n.a.
S 9	14 14	14 31	3 5	21 17	2 6	1 7	0 31	3 29	0 41	5 29	1 37	4 14	2 39	20 28	0 42	14 38	1 33	31 1	7 14	4 51	4 24	3 1		n.a.
M10	14 33	17 3	4 4	21 45	2 8	1 3	0 41	3 46	0 40	5 30	1 37	4 12	2 39	20 28	0 42	14 38	1 33	31 1	7 14	4 50	4 22	3 3		n.a.
T 11	14 51	18 27	4 45	22 11	2 9	1 0	0 50	4 3	0 40	5 31	1 37	4 11	2 39	20 28	0 42	14 38	1 33	31 1	7 14	4 48	4 21	3 5		n.a.
W12	15 9	18 40	5 8	22 34	2 10	0 59	1 0	4 20	0 39	5 32	1 37	4 10	2 39	20 28	0 42	14 38	1 33	31 1	7 14	4 47	4 20	3 7		n.a.
T 13	15 28	17 50	5 14	22 55	2 9	0 58	1 8	4 38	0 39	5 33	1 36	4 8	2 39	20 28	0 42	14 38	1 33	31 0	7 14	4 45	4 19	3 9		n.a.
F 14	15 45	16 4	5 2	23 14	2 8	0 59	1 17	4 55	0 38	5 33	1 36	4 7	2 39	20 28	0 42	14 38	1 33	31 0	7 14	4 44	4 17	3 10		n.a.
S 15	16 3	13 34	4 37	23 30	2 6	1 0	1 25	5 12	0 38	5 34	1 36	4 6	2 39	20 28	0 42	14 38	1 33	31 0	7 14	4 44	4 16	3 12		n.a.
S 16	16 20	10 31	3 59	23 45	2 4	1 3	1 33	5 29	0 37	5 35	1 35	4 4	2 38	20 28	0 42	14 38	1 33	31 0	7 14	4 44	4 15	3 14		n.a.
M17	16 37	7 5	3 11	23 57	2 1	1 6	1 40	5 46	0 37	5 35	1 35	4 3	2 38	20 28	0 42	14 38	1 33	31 0	7 14	4 45	4 14	3 16		n.a.
T 18	16 54	3 25	2 16	24 7	1 57	1 10	1 47	6 2	0 36	5 35	1 35	4 2	2 38	20 28	0 42	14 38	1 33	31 0	7 14	4 45	4 12	3 18		n.a.
W19	17 11	0s22	1 15	24 16	1 53	1 16	1 54	6 19	0 36	5 36	1 34	4 1	2 38	20 28	0 42	14 38	1 33	31 0	7 14	4 46	4 11	3 20		n.a.
T 20	17 27	4 8	0 11	24 23	1 48	1 22	2 0	6 36	0 35	5 36	1 34	4 0	2 38	20 28	0 42	14 38	1 33	31 0	7 13	4 46	4 10	3 22		n.a.
F 21	17 43	7 46	0n53	24 28	1 42	1 29	2 6	6 53	0 34	5 36	1 34	3 58	2 37	20 29	0 42	14 38	1 33	31 0	7 13	4 46	4 9	3 23		n.a.
S 22	17 59	11 7	1 56	24 31	1 36	1 36	2 12	7 9	0 34	5 36	1 34	3 57	2 37	20 29	0 42	14 38	1 33	30 59	7 13	4 45	4 7	3 25		n.a.
S 23	18 14	14 2	2 54	24 32	1 29	1 45	2 18	7 26	0 33	5 36	1 33	3 56	2 37	20 29	0 42	14 38	1 33	30 59	7 13	4 44	4 6	3 27		n.a.
M24	18 30	16 23	3 45	24 32	1 22	1 54	2 23	7 42	0 33	5 36	1 33	3 55	2 37	20 29	0 42	14 38	1 32	30 59	7 13	4 41	4 5	3 29		n.a.
T 25	18 45	18 0	4 25	24 31	1 13	2 4	2 28	7 58	0 32	5 36	1 33	3 54	2 37	20 29	0 42	14 38	1 32	30 59	7 13	4 39	4 3	3 31		n.a.
W26	18 59	18 45	4 54	24 28	1 5	2 15	2 33	8 15	0 32	5 36	1 32	3 53	2 37	20 29	0 42	14 38	1 32	30 59	7 13	4 36	4 2	3 33		n.a.
T 27	19 13	18 33	5 8	24 23	0 56	2 26	2 37	8 31	0 31	5 36	1 32	3 52	2 36	20 29	0 42	14 37	1 32	30 59	7 13	4 33	4 1	3 35		n.a.
F 28	19 27	17 22	5 6	24 18	0 46	2 38	2 42	8 47	0 30	5 35	1 32	3 51	2 36	20 29	0 42	14 37	1 32	30 59	7 13	4 31	4 0	3 36		n.a.
S 29	19 41	15 14	4 48	24 11	0 35	2 51	2 45	9 3	0 30	5 35	1 31	3 50	2 36	20 29	0 42	14 37	1 32	30 59	7 13	4 29	3 58	3 38		n.a.
S 30	19 54	12 15	4 14	24 3	0 25	3 4	2 49	9 19	0 29	5 35	1 31	3 50	2 36	20 30	0 42	14 37	1 32	30 59	7 13	4 28	3 57	3 40		n.a.
M31	20n 7	8s31	3n25	23n54	0n13	3n17	2s53	9n34	0s29	5n34	1n31	3s49	2n35	20s30	0s42	14n37	1n32	30n59	7n13	4s28	3s56	3s42		n.a.

Julian Day Number = 1348988.5, Delta T = 07h09m01s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'09, Lahiri = -18°02'08 Julian Calendar 1 May 1020 BCE == Greg. Calendar 21 Apr. 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

JUNE 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 43	29♉23'11	13♓52	24♊58	15♈35	26♈12	19♍37	15°R28	2°R55	25♌40	3♋35	11♎ 8	9♎43	9♎ 9	n.a.	T 1
W 2	16 2 39	0♊20'17	28° 9	25°41	16°20	26°53	19°38	15♎25	2♒54	25°40	3°37	11° 9	9°40	9°16	n.a.	W 2
T 3	16 6 36	1°17'23	12♈38	26°21	17° 5	27°34	19°39	15°23	2°54	25°41	3°38	11°R 9	9°37	9°22	n.a.	T 3
F 4	16 10 32	2°14'31	27°16	26°57	17°52	28°15	19°40	15°21	2°53	25°41	3°40	11° 8	9°34	9°29	n.a.	F 4
S 5	16 14 29	3°11'39	11♉57	27°29	18°39	28°56	19°42	15°18	2°52	25°42	3°41	11° 5	9°31	9°36	n.a.	S 5
S 6	16 18 25	4° 8'47	26°36	27°56	19°27	29°37	19°44	15°16	2°51	25°42	3°43	11° 0	9°28	9°42	n.a.	S 6
M 7	16 22 22	5° 5'56	11♊ 5	28°20	20°16	0♉18	19°46	15°14	2°50	25°43	3°45	10°52	9°24	9°49	n.a.	M 7
T 8	16 26 18	6° 3'06	25°18	28°39	21° 6	0°58	19°48	15°12	2°49	25°44	3°46	10°44	9°21	9°56	n.a.	T 8
W 9	16 30 15	7° 0'16	9♋ 9	28°53	21°56	1°39	19°50	15°10	2°48	25°44	3°48	10°35	9°18	10° 2	n.a.	W 9
T 10	16 34 12	7°57'26	22°35	29° 3	22°47	2°19	19°52	15° 8	2°47	25°45	3°50	10°27	9°15	10° 9	n.a.	T 10
F 11	16 38 8	8°54'37	5♌37	29°R 7	23°38	3° 0	19°55	15° 7	2°46	25°46	3°51	10°20	9°12	10°16	n.a.	F 11
S 12	16 42 5	9°51'48	18°16	29° 7	24°31	3°40	19°58	15° 5	2°45	25°47	3°53	10°16	9° 8	10°22	n.a.	S 12
S 13	16 46 1	10°48'59	0♍35	29° 2	25°23	4°21	20° 1	15° 3	2°44	25°48	3°55	10°14	9° 5	10°29	n.a.	S 13
M14	16 49 58	11°46'11	12°38	28°53	26°17	5° 1	20° 4	15° 2	2°43	25°49	3°56	10°D13	9° 2	10°35	n.a.	M14
T 15	16 53 54	12°43'24	24°31	28°38	27°10	5°41	20° 7	15° 1	2°41	25°49	3°58	10°13	8°59	10°42	n.a.	T 15
W16	16 57 51	13°40'36	6♎20	28°18	28° 5	6°22	20°11	14°59	2°40	25°50	4° 0	10°R14	8°56	10°49	n.a.	W16
T 17	17 1 47	14°37'50	18° 8	27°54	29° 0	7° 2	20°14	14°58	2°39	25°51	4° 1	10°14	8°53	10°55	n.a.	T 17
F 18	17 5 44	15°35'04	0♏ 2	27°26	29°55	7°42	20°18	14°57	2°37	25°52	4° 3	10°12	8°49	11° 2	n.a.	F 18
S 19	17 9 41	16°32'18	12° 6	26°54	0♉51	8°22	20°22	14°56	2°36	25°53	4° 5	10° 8	8°46	11° 9	n.a.	S 19
S 20	17 13 37	17°29'34	24°21	26°18	1°47	9° 2	20°26	14°55	2°34	25°54	4° 7	10° 1	8°43	11°15	n.a.	S 20
M21	17 17 34	18°26'50	6♐51	25°38	2°44	9°42	20°30	14°54	2°33	25°55	4° 8	9°52	8°40	11°22	n.a.	M21
T 22	17 21 30	19°24'07	19°36	24°57	3°42	10°21	20°35	14°54	2°31	25°57	4°10	9°41	8°37	11°29	n.a.	T 22
W23	17 25 27	20°21'25	2♑37	24°13	4°39	11° 1	20°39	14°53	2°30	25°58	4°12	9°30	8°33	11°35	n.a.	W23
T 24	17 29 23	21°18'45	15°51	23°29	5°37	11°41	20°44	14°52	2°28	25°59	4°14	9°18	8°30	11°42	n.a.	T 24
F 25	17 33 20	22°16'05	29°18	22°44	6°36	12°20	20°49	14°52	2°27	26° 0	4°16	9° 8	8°27	11°49	n.a.	F 25
S 26	17 37 17	23°13'27	12♒56	21°59	7°35	13° 0	20°54	14°52	2°25	26° 1	4°17	9° 1	8°24	11°55	n.a.	S 26
S 27	17 41 13	24°10'50	26°42	21°16	8°34	13°39	20°59	14°51	2°23	26° 2	4°19	8°56	8°21	12° 2	n.a.	S 27
M28	17 45 10	25° 8'14	10♓37	20°35	9°34	14°19	21° 5	14°51	2°22	26° 4	4°21	8°54	8°18	12° 8	n.a.	M28
T 29	17 49 6	26° 5'39	24°38	19°57	10°34	14°58	21°10	14°D51	2°20	26° 5	4°23	8°D53	8°14	12°15	n.a.	T 29
W30	17 53 3	27♊ 3'07	8♈45	19♊22	11♉34	15♉38	21♍16	14♎51	2♒18	26♌ 6	4♋25	8°R53	8♎11	12♎22	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n20	4s16	2n22	23n44	0n 1	3n32	2s56	9n50	0s28	5n33	1n30	3s48	2n35	20s30	0s42	14n36	1n32	30n59	7n13	4s28	3s55	3s44		n.a.
W 2	20 32	0n19	1 10	23 34	0s11	3 46	2 59	10 6	0 27	5 33	1 30	3 47	2 35	20 30	0 42	14 36	1 32	30 58	7 13	4 29	3 53	3 46		n.a.
T 3	20 44	4 57	0s 8	23 22	0 24	4 1	3 2	10 21	0 27	5 32	1 30	3 46	2 35	20 30	0 42	14 36	1 32	30 58	7 13	4 29	3 52	3 47		n.a.
F 4	20 56	9 20	1 26	23 10	0 37	4 17	3 4	10 37	0 26	5 31	1 30	3 46	2 35	20 31	0 42	14 36	1 32	30 58	7 13	4 28	3 51	3 49		n.a.
S 5	21 7	13 9	2 38	22 57	0 50	4 33	3 7	10 52	0 26	5 30	1 29	3 45	2 34	20 31	0 43	14 36	1 32	30 58	7 13	4 27	3 50	3 51		n.a.
S 6	21 18	16 9	3 40	22 44	1 4	4 49	3 9	11 7	0 25	5 29	1 29	3 44	2 34	20 31	0 43	14 35	1 32	30 58	7 13	4 25	3 48	3 53		n.a.
M 7	21 29	18 4	4 26	22 30	1 18	5 6	3 11	11 22	0 24	5 28	1 29	3 44	2 34	20 31	0 43	14 35	1 32	30 58	7 13	4 22	3 47	3 55		n.a.
T 8	21 39	18 49	4 55	22 16	1 33	5 23	3 12	11 37	0 24	5 27	1 28	3 43	2 34	20 32	0 43	14 35	1 32	30 58	7 13	4 19	3 46	3 57		n.a.
W 9	21 49	18 25	5 6	22 2	1 47	5 41	3 14	11 52	0 23	5 26	1 28	3 43	2 33	20 32	0 43	14 34	1 32	30 58	7 13	4 15	3 44	3 58		n.a.
T 10	21 59	16 58	4 59	21 47	2 2	5 59	3 15	12 7	0 23	5 25	1 28	3 42	2 33	20 32	0 43	14 34	1 32	30 58	7 13	4 12	3 43	4 0		n.a.
F 11	22 8	14 41	4 37	21 32	2 16	6 17	3 16	12 22	0 22	5 23	1 27	3 42	2 33	20 32	0 43	14 34	1 32	30 58	7 13	4 9	3 42	4 2		n.a.
S 12	22 17	11 46	4 2	21 18	2 31	6 35	3 17	12 36	0 21	5 22	1 27	3 41	2 33	20 33	0 43	14 34	1 32	30 58	7 13	4 8	3 41	4 4		n.a.
S 13	22 25	8 23	3 16	21 3	2 45	6 54	3 18	12 51	0 21	5 21	1 27	3 41	2 32	20 33	0 43	14 33	1 32	30 58	7 13	4 7	3 39	4 6		n.a.
M14	22 33	4 44	2 22	20 49	3 0	7 13	3 19	13 5	0 20	5 19	1 26	3 41	2 32	20 33	0 43	14 33	1 32	30 58	7 13	4 6	3 38	4 8		n.a.
T 15	22 41	0 56	1 23	20 35	3 13	7 32	3 19	13 19	0 19	5 17	1 26	3 40	2 32	20 34	0 43	14 33	1 32	30 58	7 13	4 7	3 37	4 9		n.a.
W16	22 48	2s52	0 21	20 22	3 27	7 51	3 20	13 33	0 19	5 16	1 26	3 40	2 32	20 34	0 43	14 32	1 32	30 58	7 13	4 7	3 36	4 11		n.a.
T 17	22 55	6 34	0n42	20 9	3 39	8 11	3 20	13 47	0 18	5 14	1 26	3 40	2 31	20 34	0 43	14 32	1 31	30 57	7 13	4 7	3 34	4 13		n.a.
F 18	23 1	10 3	1 44	19 57	3 51	8 30	3 20	14 1	0 17	5 12	1 25	3 40	2 31	20 35	0 43	14 31	1 31	30 57	7 13	4 6	3 33	4 15		n.a.
S 19	23 7	13 9	2 41	19 45	4 2	8 50	3 20	14 15	0 17	5 10	1 25	3 40	2 31	20 35	0 43	14 31	1 31	30 57	7 13	4 4	3 32	4 17		n.a.
S 20	23 13	15 43	3 32	19 35	4 11	9 10	3 19	14 29	0 16	5 8	1 25	3 39	2 31	20 35	0 43	14 31	1 31	30 57	7 13	4 2	3 30	4 19		n.a.
M21	23 18	17 37	4 14	19 25	4 20	9 30	3 19	14 42	0 15	5 6	1 24	3 39	2 30	20 36	0 43	14 30	1 31	30 57	7 13	3 58	3 29	4 20		n.a.
T 22	23 23	18 41	4 44	19 17	4 27	9 50	3 18	14 55	0 15	5 4	1 24	3 39	2 30	20 36	0 43	14 30	1 31	30 57	7 13	3 54	3 28	4 22		n.a.
W23	23 27	18 47	5 0	19 9	4 32	10 11	3 17	15 9	0 14	5 2	1 24	3 39	2 30	20 37	0 43	14 29	1 31	30 57	7 13	3 49	3 27	4 24		n.a.
T 24	23 31	17 53	5 0	19 4	4 36	10 31	3 17	15 22	0 13	5 0	1 23	3 39	2 30	20 37	0 43	14 29	1 31	30 57	7 13	3 45	3 25	4 26		n.a.
F 25	23 35	15 59	4 44	18 59	4 38	10 51	3 16	15 35	0 13	4 58	1 23	3 39	2 29	20 37	0 43	14 29	1 31	30 57	7 13	3 41	3 24	4 28		n.a.
S 26	23 38	13 11	4 11	18 56	4 38	11 12	3 15	15 48	0 12	4 56	1 23	3 39	2 29	20 38	0 43	14 28	1 31	30 57	7 13	3 38	3 23	4 30		n.a.
S 27	23 41	9 37	3 24	18 55	4 37	11 32	3 13	16 0	0 11	4 53	1 23	3 40	2 29	20 38	0 43	14 28	1 31	30 57	7 13	3 36	3 22	4 31		n.a.
M28	23 43	5 29	2 24	18 55	4 34	11 52	3 12	16 13	0 11	4 51	1 22	3 40	2 28	20 39	0 43	14 27	1 31	30 57	7 13	3 35	3 20	4 33		n.a.
T 29	23 45	1 1	1 15	18 57	4 29	12 13	3 10	16 25	0 10	4 48	1 22	3 40	2 28	20 39	0 43	14 27	1 31	30 57	7 13	3 34	3 19	4 35		n.a.
W30	23n47	3n32	0n 1	19n 1	4s23	12n33	3s 9	16n38	0s 9	4n46	1n22	3s40	2n28	20s39	0s43	14n26	1n31	30n57	7n13	3s34	3s18	4s37		n.a.

Julian Day Number = 1349019.5, Delta T = 07h08m59s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'04, Lahiri = -18°02'04 Julian Calendar 1 June 1020 BCE == Greg. Calendar 22 May 1020 BCE

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

JULY 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 59	28♊ 0'35	22♈58	18°R52	12♉35	16♉17	21♍22	14♎51	2°R16	26♌ 8	4♋26	8°R52	8♎ 8	12♎28	n.a.	T 1
F 2	18 0 56	28°58'06	7♉14	18♊27	13°36	16°56	21°28	14°51	2♒14	26° 9	4°28	8♎50	8° 5	12°35	n.a.	F 2
S 3	18 4 52	29°55'38	21°31	18° 7	14°38	17°35	21°34	14°52	2°12	26°10	4°30	8°45	8° 2	12°42	n.a.	S 3
S 4	18 8 49	0♋53'11	5♊46	17°54	15°39	18°14	21°40	14°52	2°10	26°12	4°32	8°38	7°59	12°48	n.a.	S 4
M 5	18 12 46	1°50'46	19°53	17°47	16°41	18°53	21°46	14°53	2° 8	26°13	4°34	8°28	7°55	12°55	n.a.	M 5
T 6	18 16 42	2°48'22	3♋47	17°D46	17°44	19°32	21°53	14°53	2° 7	26°15	4°36	8°16	7°52	13° 2	n.a.	T 6
W 7	18 20 39	3°46'00	17°25	17°53	18°46	20°11	22° 0	14°54	2° 5	26°16	4°37	8° 4	7°49	13° 8	n.a.	W 7
T 8	18 24 35	4°43'39	0♌42	18° 6	19°49	20°50	22° 6	14°55	2° 2	26°18	4°39	7°52	7°46	13°15	n.a.	T 8
F 9	18 28 32	5°41'19	13°39	18°27	20°52	21°29	22°13	14°56	2° 0	26°19	4°41	7°43	7°43	13°22	n.a.	F 9
S 10	18 32 28	6°39'01	26°14	18°55	21°56	22° 7	22°21	14°57	1°58	26°21	4°43	7°36	7°39	13°28	n.a.	S 10
S 11	18 36 25	7°36'44	8♍32	19°30	22°59	22°46	22°28	14°58	1°56	26°23	4°45	7°31	7°36	13°35	n.a.	S 11
M12	18 40 21	8°34'28	20°35	20°12	24° 3	23°25	22°35	14°59	1°54	26°24	4°47	7°29	7°33	13°42	n.a.	M12
T 13	18 44 18	9°32'13	2♎28	21° 2	25° 7	24° 3	22°43	15° 0	1°52	26°26	4°48	7°28	7°30	13°48	n.a.	T 13
W14	18 48 15	10°30'00	14°16	21°58	26°12	24°41	22°50	15° 1	1°50	26°28	4°50	7°28	7°27	13°55	n.a.	W14
T 15	18 52 11	11°27'48	26° 6	23° 0	27°16	25°20	22°58	15° 3	1°48	26°29	4°52	7°28	7°24	14° 1	n.a.	T 15
F 16	18 56 8	12°25'38	8♏ 2	24° 9	28°21	25°58	23° 6	15° 4	1°45	26°31	4°54	7°26	7°20	14° 8	n.a.	F 16
S 17	19 0 4	13°23'28	20° 9	25°24	29°26	26°36	23°14	15° 6	1°43	26°33	4°56	7°21	7°17	14°15	n.a.	S 17
S 18	19 4 1	14°21'21	2♐32	26°45	0♊31	27°14	23°22	15° 8	1°41	26°34	4°57	7°15	7°14	14°21	n.a.	S 18
M19	19 7 57	15°19'15	15°13	28°11	1°37	27°52	23°30	15°10	1°39	26°36	4°59	7° 5	7°11	14°28	n.a.	M19
T 20	19 11 54	16°17'10	28°14	29°42	2°43	28°30	23°39	15°12	1°36	26°38	5° 1	6°54	7° 8	14°35	n.a.	T 20
W21	19 15 50	17°15'07	11♑34	1♋17	3°48	29° 8	23°47	15°14	1°34	26°40	5° 3	6°42	7° 5	14°41	n.a.	W21
T 22	19 19 47	18°13'06	25°11	2°57	4°55	29°46	23°56	15°16	1°32	26°42	5° 5	6°30	7° 1	14°48	n.a.	T 22
F 23	19 23 44	19°11'07	9♒ 3	4°40	6° 1	0♊24	24° 4	15°18	1°29	26°43	5° 6	6°20	6°58	14°55	n.a.	F 23
S 24	19 27 40	20° 9'09	23° 6	6°26	7° 7	1° 2	24°13	15°20	1°27	26°45	5° 8	6°11	6°55	15° 1	n.a.	S 24
S 25	19 31 37	21° 7'14	7♓14	8°15	8°14	1°39	24°22	15°23	1°25	26°47	5°10	6° 6	6°52	15° 8	n.a.	S 25
M26	19 35 33	22° 5'20	21°25	10° 6	9°21	2°17	24°31	15°25	1°22	26°49	5°12	6° 4	6°49	15°15	n.a.	M26
T 27	19 39 30	23° 3'29	5♈36	11°59	10°28	2°55	24°40	15°28	1°20	26°51	5°14	6°D 3	6°45	15°21	n.a.	T 27
W28	19 43 26	24° 1'39	19°44	13°53	11°35	3°32	24°50	15°30	1°18	26°53	5°15	6°R 3	6°42	15°28	n.a.	W28
T 29	19 47 23	24°59'52	3♉50	15°48	12°43	4° 9	24°59	15°33	1°15	26°55	5°17	6° 3	6°39	15°35	n.a.	T 29
F 30	19 51 19	25°58'08	17°52	17°44	13°51	4°47	25° 9	15°36	1°13	26°57	5°19	6° 1	6°36	15°41	n.a.	F 30
S 31	19 55 16	26♋56'25	1♊49	19♋40	14♊58	5♊24	25♍18	15♎39	1♒11	26♌59	5♋21	5♎57	6♎33	15♎48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	7n55	1s14	19n 7	4s14	12n53	3s 7	16n50	0s 9	4n43	1n21	3s41	2n28	20s40	0s43	14n26	1n31	30n57	7n13	3s34	3s17	4s39		n.a.
F 2	23 49	11 52	2 24	19 14	4 5	13 13	3 5	17 2	0 8	4 41	1 21	3 41	2 27	20 40	0 43	14 25	1 31	30 57	7 13	3 33	3 15	4 40		n.a.
S 3	23 49	15 7	3 25	19 23	3 54	13 33	3 4	17 14	0 7	4 38	1 21	3 41	2 27	20 41	0 43	14 25	1 31	30 57	7 13	3 31	3 14	4 42		n.a.
S 4	23 49	17 27	4 13	19 34	3 42	13 53	3 2	17 26	0 6	4 35	1 21	3 42	2 27	20 41	0 43	14 24	1 31	30 57	7 13	3 28	3 13	4 44		n.a.
M 5	23 48	18 41	4 45	19 46	3 29	14 13	2 59	17 37	0 6	4 32	1 20	3 42	2 27	20 42	0 43	14 24	1 31	30 57	7 13	3 24	3 11	4 46		n.a.
T 6	23 47	18 46	5 0	20 0	3 15	14 33	2 57	17 49	0 5	4 30	1 20	3 43	2 26	20 42	0 43	14 23	1 31	30 57	7 13	3 20	3 10	4 48		n.a.
W 7	23 46	17 45	4 57	20 15	3 1	14 53	2 55	18 0	0 4	4 27	1 20	3 43	2 26	20 43	0 43	14 23	1 31	30 57	7 13	3 15	3 9	4 50		n.a.
T 8	23 44	15 48	4 38	20 31	2 46	15 12	2 53	18 11	0 4	4 24	1 20	3 44	2 26	20 43	0 43	14 22	1 31	30 57	7 13	3 10	3 8	4 51		n.a.
F 9	23 41	13 5	4 4	20 49	2 30	15 31	2 50	18 22	0 3	4 21	1 19	3 44	2 26	20 44	0 44	14 21	1 31	30 57	7 13	3 6	3 6	4 53		n.a.
S 10	23 39	9 50	3 20	21 7	2 14	15 50	2 48	18 33	0 2	4 17	1 19	3 45	2 25	20 44	0 44	14 21	1 31	30 57	7 14	3 4	3 5	4 55		n.a.
S 11	23 35	6 14	2 27	21 26	1 58	16 9	2 45	18 44	0 1	4 14	1 19	3 46	2 25	20 45	0 44	14 20	1 31	30 57	7 14	3 2	3 4	4 57		n.a.
M12	23 32	2 26	1 28	21 45	1 42	16 28	2 42	18 54	0 1	4 11	1 19	3 46	2 25	20 45	0 44	14 20	1 31	30 57	7 14	3 1	3 3	4 59		n.a.
T 13	23 28	1s24	0 27	22 5	1 26	16 46	2 39	19 5	0n 0	4 8	1 18	3 47	2 24	20 46	0 44	14 19	1 31	30 57	7 14	3 1	3 1	5 0		n.a.
W14	23 23	5 10	0n36	22 24	1 10	17 4	2 37	19 15	0 1	4 5	1 18	3 48	2 24	20 46	0 44	14 18	1 31	30 57	7 14	3 1	3 0	5 2		n.a.
T 15	23 19	8 44	1 37	22 43	0 54	17 22	2 34	19 25	0 2	4 1	1 18	3 49	2 24	20 47	0 44	14 18	1 31	30 57	7 14	3 0	2 59	5 4		n.a.
F 16	23 13	11 58	2 35	23 2	0 39	17 39	2 31	19 35	0 2	3 58	1 18	3 49	2 24	20 47	0 44	14 17	1 31	30 57	7 14	3 0	2 57	5 6		n.a.
S 17	23 8	14 45	3 26	23 20	0 24	17 56	2 28	19 45	0 3	3 54	1 17	3 50	2 23	20 48	0 44	14 17	1 30	30 57	7 14	2 58	2 56	5 8		n.a.
S 18	23 2	16 56	4 8	23 36	0 10	18 13	2 25	19 55	0 4	3 51	1 17	3 51	2 23	20 48	0 44	14 16	1 30	30 57	7 14	2 55	2 55	5 9		n.a.
M19	22 55	18 21	4 40	23 52	0n 3	18 30	2 21	20 4	0 5	3 47	1 17	3 52	2 23	20 49	0 44	14 15	1 30	30 57	7 14	2 51	2 54	5 11		n.a.
T 20	22 48	18 50	4 58	24 5	0 16	18 46	2 18	20 14	0 5	3 44	1 17	3 53	2 23	20 49	0 44	14 15	1 30	30 57	7 15	2 47	2 52	5 13		n.a.
W21	22 41	18 19	5 0	24 17	0 28	19 2	2 15	20 23	0 6	3 40	1 16	3 54	2 22	20 50	0 44	14 14	1 30	30 57	7 15	2 42	2 51	5 15		n.a.
T 22	22 33	16 45	4 46	24 27	0 40	19 17	2 12	20 32	0 7	3 37	1 16	3 55	2 22	20 50	0 44	14 13	1 30	30 57	7 15	2 37	2 50	5 17		n.a.
F 23	22 25	14 11	4 14	24 34	0 50	19 33	2 8	20 41	0 8	3 33	1 16	3 56	2 22	20 51	0 44	14 13	1 30	30 57	7 15	2 33	2 49	5 18		n.a.
S 24	22 16	10 47	3 27	24 39	1 0	19 47	2 5	20 49	0 8	3 29	1 16	3 58	2 22	20 52	0 44	14 12	1 30	30 57	7 15	2 30	2 47	5 20		n.a.
S 25	22 8	6 44	2 27	24 41	1 8	20 2	2 1	20 58	0 9	3 25	1 15	3 59	2 21	20 52	0 44	14 11	1 30	30 57	7 15	2 28	2 46	5 22		n.a.
M26	21 58	2 17	1 17	24 41	1 16	20 15	1 58	21 6	0 10	3 21	1 15	4 0	2 21	20 53	0 44	14 11	1 30	30 57	7 15	2 27	2 45	5 24		n.a.
T 27	21 49	2n18	0 2	24 39	1 23	20 29	1 54	21 15	0 11	3 18	1 15	4 1	2 21	20 53	0 44	14 10	1 30	30 58	7 15	2 26	2 43	5 26		n.a.
W28	21 38	6 44	1s12	24 33	1 29	20 42	1 51	21 23	0 12	3 14	1 15	4 2	2 20	20 54	0 44	14 9	1 30	30 58	7 16	2 26	2 42	5 27		n.a.
T 29	21 28	10 46	2 22	24 25	1 34	20 54	1 47	21 31	0 12	3 10	1 15	4 4	2 20	20 54	0 44	14 9	1 30	30 58	7 16	2 26	2 41	5 29		n.a.
F 30	21 17	14 11	3 23	24 15	1 39	21 6	1 44	21 38	0 13	3 6	1 14	4 5	2 20	20 55	0 44	14 8	1 30	30 58	7 16	2 26	2 40	5 31		n.a.
S 31	21n 6	16n45	4s12	24n 2	1n42	21n18	1s40	21n46	0n14	3n 2	1n14	4s 6	2n20	20s55	0s44	14n 7	1n30	30n58	7n16	2s24	2s38	5s33		n.a.

Julian Day Number = 1349049.5, Delta T = 07h08m58s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°09'00, Lahiri = -18°02'00 Julian Calendar 1 July 1020 BCE == Greg. Calendar 21 June 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

AUGUST 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 12	27♋54'45	15♊39	21♋36	16♊ 6	6♊ 1	25♍28	15♎42	1°R 8	27♌ 1	5♋22	5°R50	6♎30	15♎54	n.a.	S 1
M 2	20 3 9	28°53'07	29°21	23°33	17°15	6°38	25°38	15°45	1♒ 6	27° 3	5°24	5♎41	6°26	16° 1	n.a.	M 2
T 3	20 7 6	29°51'31	12♋50	25°28	18°23	7°15	25°48	15°48	1° 3	27° 5	5°26	5°31	6°23	16° 8	n.a.	T 3
W 4	20 11 2	0♌49'57	26° 7	27°24	19°31	7°52	25°58	15°51	1° 1	27° 7	5°27	5°19	6°20	16°14	n.a.	W 4
T 5	20 14 59	1°48'25	9♌ 7	29°19	20°40	8°29	26° 8	15°55	0°59	27° 9	5°29	5° 9	6°17	16°21	n.a.	T 5
F 6	20 18 55	2°46'55	21°51	1♌13	21°49	9° 6	26°18	15°58	0°56	27°11	5°31	5° 0	6°14	16°28	n.a.	F 6
S 7	20 22 52	3°45'27	4♍18	3° 6	22°58	9°42	26°28	16° 1	0°54	27°13	5°32	4°53	6°11	16°34	n.a.	S 7
S 8	20 26 48	4°44'01	16°30	4°58	24° 7	10°19	26°38	16° 5	0°51	27°15	5°34	4°49	6° 7	16°41	n.a.	S 8
M 9	20 30 45	5°42'37	28°30	6°50	25°16	10°56	26°49	16° 9	0°49	27°17	5°36	4°47	6° 4	16°48	n.a.	M 9
T 10	20 34 41	6°41'14	10♎22	8°40	26°25	11°32	26°59	16°12	0°47	27°19	5°37	4°D47	6° 1	16°54	n.a.	T 10
W11	20 38 38	7°39'54	22° 9	10°30	27°35	12° 8	27°10	16°16	0°44	27°22	5°39	4°48	5°58	17° 1	n.a.	W11
T 12	20 42 35	8°38'35	3♏59	12°18	28°44	12°45	27°21	16°20	0°42	27°24	5°40	4°R49	5°55	17° 8	n.a.	T 12
F 13	20 46 31	9°37'18	15°54	14° 6	29°54	13°21	27°32	16°24	0°39	27°26	5°42	4°49	5°51	17°14	n.a.	F 13
S 14	20 50 28	10°36'03	28° 2	15°52	1♋ 4	13°57	27°43	16°28	0°37	27°28	5°44	4°47	5°48	17°21	n.a.	S 14
S 15	20 54 24	11°34'50	10♐26	17°38	2°14	14°33	27°53	16°32	0°35	27°30	5°45	4°43	5°45	17°28	n.a.	S 15
M16	20 58 21	12°33'39	23°11	19°22	3°24	15° 9	28° 5	16°37	0°32	27°32	5°47	4°37	5°42	17°34	n.a.	M16
T 17	21 2 17	13°32'30	6♑20	21° 6	4°34	15°45	28°16	16°41	0°30	27°34	5°48	4°30	5°39	17°41	n.a.	T 17
W18	21 6 14	14°31'22	19°52	22°48	5°45	16°21	28°27	16°45	0°28	27°37	5°50	4°22	5°36	17°48	n.a.	W18
T 19	21 10 10	15°30'17	3♒47	24°30	6°55	16°56	28°38	16°50	0°25	27°39	5°51	4°13	5°32	17°54	n.a.	T 19
F 20	21 14 7	16°29'14	18° 1	26°11	8° 6	17°32	28°50	16°54	0°23	27°41	5°53	4° 6	5°29	18° 1	n.a.	F 20
S 21	21 18 3	17°28'13	2♓28	27°50	9°17	18° 7	29° 1	16°59	0°21	27°43	5°54	4° 1	5°26	18° 7	n.a.	S 21
S 22	21 22 0	18°27'14	17° 2	29°29	10°27	18°43	29°12	17° 3	0°19	27°45	5°56	3°57	5°23	18°14	n.a.	S 22
M23	21 25 57	19°26'18	1♈38	1♍ 7	11°38	19°18	29°24	17° 8	0°16	27°48	5°57	3°D56	5°20	18°21	n.a.	M23
T 24	21 29 53	20°25'23	16° 9	2°44	12°50	19°53	29°36	17°13	0°14	27°50	5°58	3°57	5°17	18°27	n.a.	T 24
W25	21 33 50	21°24'32	0♉32	4°20	14° 1	20°29	29°47	17°18	0°12	27°52	6° 0	3°58	5°13	18°34	n.a.	W25
T 26	21 37 46	22°23'43	14°43	5°55	15°12	21° 4	29°59	17°22	0°10	27°54	6° 1	3°59	5°10	18°41	n.a.	T 26
F 27	21 41 43	23°22'56	28°42	7°29	16°24	21°39	0♎11	17°27	0° 8	27°57	6° 2	3°R59	5° 7	18°47	n.a.	F 27
S 28	21 45 39	24°22'12	12♊28	9° 3	17°35	22°13	0°23	17°33	0° 6	27°59	6° 4	3°58	5° 4	18°54	n.a.	S 28
S 29	21 49 36	25°21'30	26° 0	10°36	18°47	22°48	0°35	17°38	0° 3	28° 1	6° 5	3°54	5° 1	19° 1	n.a.	S 29
M30	21 53 32	26°20'51	9♋20	12° 8	19°59	23°23	0°47	17°43	0° 1	28° 3	6° 6	3°50	4°57	19° 7	n.a.	M30
T 31	21 57 29	27♌20'15	22♋26	13♍39	21♋11	23♊57	0♎59	17♎48	29♑59	28♌ 6	6♋ 8	3♎44	4♎54	19♎14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n54	18n19	4s45	23n46	1n45	21n29	1s36	21n54	0n15	2n57	1n14	4s 8	2n19	20s56	0s44	14n 6	1n30	30n58	7n16	2s21	2s37	5s35		n.a.
M 2	20 42	18 47	5 1	23 29	1 47	21 39	1 33	22 1	0 16	2 53	1 14	4 9	2 19	20 56	0 44	14 6	1 30	30 58	7 16	2 18	2 36	5 36		n.a.
T 3	20 30	18 12	5 1	23 9	1 48	21 49	1 29	22 8	0 16	2 49	1 13	4 11	2 19	20 57	0 44	14 5	1 30	30 58	7 16	2 13	2 34	5 38		n.a.
W 4	20 17	16 37	4 44	22 47	1 48	21 59	1 25	22 15	0 17	2 45	1 13	4 12	2 19	20 57	0 44	14 4	1 30	30 58	7 17	2 9	2 33	5 40		n.a.
T 5	20 4	14 12	4 12	22 23	1 48	22 7	1 22	22 22	0 18	2 41	1 13	4 14	2 18	20 58	0 44	14 4	1 30	30 58	7 17	2 5	2 32	5 42		n.a.
F 6	19 51	11 9	3 29	21 57	1 48	22 16	1 18	22 28	0 19	2 36	1 13	4 15	2 18	20 59	0 44	14 3	1 30	30 58	7 17	2 1	2 31	5 44		n.a.
S 7	19 37	7 40	2 36	21 30	1 46	22 24	1 14	22 35	0 20	2 32	1 13	4 17	2 18	20 59	0 44	14 2	1 30	30 58	7 17	1 58	2 29	5 45		n.a.
S 8	19 23	3 56	1 36	21 1	1 45	22 31	1 10	22 41	0 21	2 28	1 12	4 19	2 18	21 0	0 44	14 1	1 30	30 58	7 17	1 57	2 28	5 47		n.a.
M 9	19 8	0 5	0 34	20 30	1 42	22 37	1 6	22 47	0 21	2 23	1 12	4 20	2 18	21 0	0 44	14 1	1 30	30 59	7 17	1 56	2 27	5 49		n.a.
T 10	18 54	3s42	0n30	19 58	1 40	22 43	1 3	22 53	0 22	2 19	1 12	4 22	2 17	21 1	0 44	14 0	1 30	30 59	7 18	1 56	2 26	5 51		n.a.
W11	18 38	7 20	1 32	19 25	1 36	22 49	0 59	22 59	0 23	2 14	1 12	4 24	2 17	21 1	0 44	13 59	1 30	30 59	7 18	1 56	2 24	5 52		n.a.
T 12	18 23	10 41	2 30	18 51	1 33	22 53	0 55	23 5	0 24	2 10	1 12	4 25	2 17	21 2	0 44	13 58	1 30	30 59	7 18	1 57	2 23	5 54		n.a.
F 13	18 7	13 37	3 23	18 16	1 29	22 57	0 51	23 10	0 25	2 5	1 11	4 27	2 17	21 2	0 44	13 58	1 30	30 59	7 18	1 56	2 22	5 56		n.a.
S 14	17 51	16 1	4 7	17 40	1 25	23 1	0 48	23 15	0 26	2 1	1 11	4 29	2 16	21 3	0 44	13 57	1 30	30 59	7 18	1 56	2 20	5 58		n.a.
S 15	17 35	17 44	4 41	17 3	1 20	23 4	0 44	23 21	0 27	1 56	1 11	4 31	2 16	21 3	0 44	13 56	1 30	30 59	7 18	1 54	2 19	6 0		n.a.
M16	17 18	18 37	5 1	16 26	1 15	23 6	0 40	23 26	0 27	1 52	1 11	4 32	2 16	21 4	0 44	13 55	1 30	30 59	7 19	1 52	2 18	6 1		n.a.
T 17	17 1	18 33	5 7	15 47	1 10	23 8	0 36	23 30	0 28	1 47	1 11	4 34	2 16	21 4	0 44	13 55	1 30	30 59	7 19	1 49	2 17	6 3		n.a.
W18	16 44	17 26	4 56	15 9	1 5	23 9	0 33	23 35	0 29	1 42	1 11	4 36	2 15	21 5	0 44	13 54	1 30	31 0	7 19	1 46	2 15	6 5		n.a.
T 19	16 26	15 16	4 28	14 29	0 59	23 9	0 29	23 40	0 30	1 37	1 10	4 38	2 15	21 5	0 44	13 53	1 30	31 0	7 19	1 42	2 14	6 7		n.a.
F 20	16 8	12 9	3 42	13 49	0 53	23 8	0 25	23 44	0 31	1 33	1 10	4 40	2 15	21 6	0 44	13 52	1 30	31 0	7 19	1 39	2 13	6 8		n.a.
S 21	15 50	8 15	2 42	13 9	0 47	23 7	0 22	23 48	0 32	1 28	1 10	4 42	2 15	21 6	0 44	13 51	1 30	31 0	7 20	1 37	2 11	6 10		n.a.
S 22	15 32	3 49	1 30	12 28	0 41	23 6	0 18	23 52	0 33	1 23	1 10	4 44	2 15	21 7	0 44	13 51	1 30	31 0	7 20	1 36	2 10	6 12		n.a.
M23	15 13	0n51	0 13	11 47	0 34	23 3	0 15	23 56	0 34	1 18	1 10	4 46	2 14	21 7	0 44	13 50	1 30	31 0	7 20	1 35	2 9	6 14		n.a.
T 24	14 54	5 26	1s 6	11 6	0 28	23 0	0 11	24 0	0 35	1 13	1 10	4 48	2 14	21 8	0 44	13 49	1 30	31 0	7 20	1 36	2 8	6 16		n.a.
W25	14 35	9 40	2 19	10 24	0 21	22 56	0 7	24 3	0 36	1 9	1 9	4 50	2 14	21 8	0 44	13 48	1 30	31 1	7 21	1 36	2 6	6 17		n.a.
T 26	14 16	13 16	3 23	9 42	0 14	22 52	0 4	24 7	0 37	1 4	1 9	4 52	2 14	21 9	0 44	13 48	1 30	31 1	7 21	1 36	2 5	6 19		n.a.
F 27	13 56	16 3	4 14	9 1	0 8	22 47	0 0	24 10	0 37	0 59	1 9	4 54	2 14	21 9	0 44	13 47	1 30	31 1	7 21	1 37	2 4	6 21		n.a.
S 28	13 36	17 52	4 50	8 19	0 1	22 41	0n 3	24 13	0 38	0 54	1 9	4 56	2 13	21 10	0 44	13 46	1 30	31 1	7 21	1 36	2 3	6 23		n.a.
S 29	13 16	18 37	5 8	7 37	0s 6	22 35	0 6	24 16	0 39	0 49	1 9	4 59	2 13	21 10	0 44	13 45	1 30	31 1	7 21	1 35	2 1	6 24		n.a.
M30	12 56	18 20	5 10	6 55	0 13	22 28	0 10	24 19	0 40	0 44	1 9	5 1	2 13	21 10	0 44	13 44	1 30	31 1	7 22	1 33	2 0	6 26		n.a.
T 31	12n35	17n 4	4s55	6n13	0s21	22n20	0n13	24n22	0n41	0n39	1n 9	5s 3	2n13	21s11	0s44	13n44	1n30	31n 2	7n22	1s30	1s59	6s28		n.a.

Julian Day Number = 1349080.5, Delta T = 07h08m56s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'56, Lahiri = -18°01'56 Julian Calendar 1 Aug. 1020 BCE == Greg. Calendar 22 July 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

SEPTEMBER 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 1 26	28♌19'40	5♌19	15♍ 9	22♋23	24♊32	1♎11	17♎53	29°R57	28♌ 8	6♋ 9	3°R37	4♎51	19♎21	n.a.	W 1
T 2	22 5 22	29°19'08	17°59	16°39	23°35	25° 6	1°23	17°59	29♏55	28°10	6°10	3♎31	4°48	19°27	n.a.	T 2
F 3	22 9 19	0♍18'38	0♍26	18° 8	24°47	25°41	1°36	18° 4	29°53	28°12	6°11	3°26	4°45	19°34	n.a.	F 3
S 4	22 13 15	1°18'10	12°41	19°35	25°59	26°15	1°48	18°10	29°51	28°14	6°13	3°23	4°42	19°41	n.a.	S 4
S 5	22 17 12	2°17'44	24°45	21° 3	27°12	26°49	2° 0	18°15	29°49	28°17	6°14	3°21	4°38	19°47	n.a.	S 5
M 6	22 21 8	3°17'21	6♎40	22°29	28°24	27°23	2°13	18°21	29°48	28°19	6°15	3°D21	4°35	19°54	n.a.	M 6
T 7	22 25 5	4°16'59	18°29	23°54	29°37	27°56	2°25	18°26	29°46	28°21	6°16	3°22	4°32	20° 0	n.a.	T 7
W 8	22 29 1	5°16'39	0♏16	25°19	0♌49	28°30	2°38	18°32	29°44	28°23	6°17	3°23	4°29	20° 7	n.a.	W 8
T 9	22 32 58	6°16'22	12° 4	26°42	2° 2	29° 4	2°50	18°38	29°42	28°26	6°18	3°25	4°26	20°14	n.a.	T 9
F 10	22 36 54	7°16'06	23°59	28° 5	3°15	29°37	3° 3	18°43	29°40	28°28	6°19	3°27	4°22	20°20	n.a.	F 10
S 11	22 40 51	8°15'52	6♐ 4	29°27	4°28	0♋11	3°16	18°49	29°39	28°30	6°20	3°R27	4°19	20°27	n.a.	S 11
S 12	22 44 48	9°15'40	18°26	0♎47	5°41	0°44	3°28	18°55	29°37	28°32	6°21	3°27	4°16	20°34	n.a.	S 12
M13	22 48 44	10°15'30	1♑ 8	2° 7	6°54	1°17	3°41	19° 1	29°35	28°34	6°22	3°26	4°13	20°40	n.a.	M13
T 14	22 52 41	11°15'22	14°14	3°25	8° 7	1°50	3°54	19° 7	29°34	28°37	6°23	3°23	4°10	20°47	n.a.	T 14
W15	22 56 37	12°15'15	27°46	4°42	9°20	2°23	4° 7	19°13	29°32	28°39	6°24	3°20	4° 7	20°54	n.a.	W15
T 16	23 0 34	13°15'11	11♒46	5°58	10°33	2°55	4°20	19°19	29°31	28°41	6°25	3°17	4° 3	21° 0	n.a.	T 16
F 17	23 4 30	14°15'08	26° 9	7°12	11°47	3°28	4°33	19°25	29°29	28°43	6°26	3°15	4° 0	21° 7	n.a.	F 17
S 18	23 8 27	15°15'07	10♓53	8°25	13° 0	4° 0	4°45	19°32	29°28	28°45	6°27	3°13	3°57	21°14	n.a.	S 18
S 19	23 12 23	16°15'08	25°48	9°36	14°13	4°33	4°58	19°38	29°26	28°48	6°27	3°12	3°54	21°20	n.a.	S 19
M20	23 16 20	17°15'11	10♈49	10°45	15°27	5° 5	5°11	19°44	29°25	28°50	6°28	3°D12	3°51	21°27	n.a.	M20
T 21	23 20 16	18°15'17	25°45	11°51	16°41	5°37	5°24	19°50	29°23	28°52	6°29	3°13	3°48	21°34	n.a.	T 21
W22	23 24 13	19°15'24	10♉30	12°56	17°54	6° 9	5°38	19°57	29°22	28°54	6°30	3°14	3°44	21°40	n.a.	W22
T 23	23 28 10	20°15'34	24°58	13°58	19° 8	6°41	5°51	20° 3	29°21	28°56	6°30	3°15	3°41	21°47	n.a.	T 23
F 24	23 32 6	21°15'46	9♊ 6	14°57	20°22	7°12	6° 4	20° 9	29°20	28°58	6°31	3°16	3°38	21°54	n.a.	F 24
S 25	23 36 3	22°16'01	22°53	15°53	21°36	7°44	6°17	20°16	29°18	29° 0	6°32	3°R16	3°35	22° 0	n.a.	S 25
S 26	23 39 59	23°16'17	6♋20	16°45	22°50	8°15	6°30	20°22	29°17	29° 2	6°32	3°16	3°32	22° 7	n.a.	S 26
M27	23 43 56	24°16'36	19°26	17°33	24° 4	8°47	6°43	20°29	29°16	29° 4	6°33	3°15	3°28	22°14	n.a.	M27
T 28	23 47 52	25°16'57	2♌16	18°17	25°18	9°18	6°57	20°35	29°15	29° 7	6°34	3°14	3°25	22°20	n.a.	T 28
W29	23 51 49	26°17'20	14°50	18°56	26°32	9°48	7°10	20°42	29°14	29° 9	6°34	3°13	3°22	22°27	n.a.	W29
T 30	23 55 45	27♍17'45	27♌12	19♎29	27♌46	10♋19	7♎23	20♎49	29♏13	29♌11	6♋35	3♎12	3♎19	22♎33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	12n14	14n57	4s25	5n31	0s28	22n11	0n16	24n24	0n42	0n34	1n 8	5s 5	2n13	21s11	0s44	13n43	1n30	31n 2	7n22	1s28	1s57	6s30		n.a.	W 1
T 2	11 53	12 9	3 43	4 49	0 35	22 2	0 19	24 26	0 43	0 29	1 8	5 7	2 12	21 12	0 44	13 42	1 30	31 2	7 22	1 25	1 56	6 31		n.a.	T 2
F 3	11 32	8 50	2 50	4 7	0 42	21 53	0 23	24 29	0 44	0 24	1 8	5 10	2 12	21 12	0 44	13 41	1 30	31 2	7 23	1 23	1 55	6 33		n.a.	F 3
S 4	11 11	5 12	1 51	3 26	0 49	21 42	0 26	24 31	0 45	0 19	1 8	5 12	2 12	21 13	0 44	13 41	1 30	31 2	7 23	1 22	1 54	6 35		n.a.	S 4
S 5	10 49	1 24	0 47	2 45	0 56	21 31	0 29	24 33	0 46	0 14	1 8	5 14	2 12	21 13	0 44	13 40	1 30	31 2	7 23	1 21	1 52	6 37		n.a.	S 5
M 6	10 27	2s24	0n18	2 3	1 4	21 19	0 32	24 34	0 47	0 8	1 8	5 16	2 12	21 13	0 44	13 39	1 30	31 3	7 23	1 21	1 51	6 38		n.a.	M 6
T 7	10 5	6 5	1 22	1 23	1 11	21 7	0 35	24 36	0 48	0 3	1 8	5 19	2 12	21 14	0 44	13 38	1 30	31 3	7 24	1 21	1 50	6 40		n.a.	T 7
W 8	9 43	9 31	2 23	0 42	1 18	20 54	0 38	24 37	0 49	0s 2	1 7	5 21	2 11	21 14	0 44	13 37	1 30	31 3	7 24	1 22	1 48	6 42		n.a.	W 8
T 9	9 21	12 34	3 17	0 2	1 25	20 41	0 41	24 39	0 50	0 7	1 7	5 24	2 11	21 14	0 44	13 37	1 30	31 3	7 24	1 23	1 47	6 44		n.a.	T 9
F 10	8 59	15 7	4 4	0s37	1 32	20 26	0 43	24 40	0 51	0 12	1 7	5 26	2 11	21 15	0 44	13 36	1 30	31 3	7 24	1 23	1 46	6 45		n.a.	F 10
S 11	8 36	17 3	4 40	1 17	1 38	20 12	0 46	24 41	0 52	0 18	1 7	5 28	2 11	21 15	0 44	13 35	1 30	31 4	7 25	1 24	1 45	6 47		n.a.	S 11
S 12	8 13	18 14	5 5	1 55	1 45	19 56	0 49	24 42	0 53	0 23	1 7	5 31	2 11	21 15	0 43	13 34	1 30	31 4	7 25	1 24	1 43	6 49		n.a.	S 12
M13	7 50	18 33	5 15	2 33	1 52	19 40	0 51	24 43	0 54	0 28	1 7	5 33	2 11	21 16	0 43	13 34	1 30	31 4	7 25	1 23	1 42	6 51		n.a.	M13
T 14	7 27	17 54	5 10	3 11	1 58	19 24	0 54	24 43	0 55	0 33	1 7	5 36	2 10	21 16	0 43	13 33	1 30	31 4	7 25	1 22	1 41	6 52		n.a.	T 14
W15	7 4	16 14	4 48	3 48	2 4	19 6	0 57	24 44	0 56	0 39	1 7	5 38	2 10	21 16	0 43	13 32	1 30	31 4	7 26	1 21	1 39	6 54		n.a.	W15
T 16	6 41	13 34	4 8	4 24	2 10	18 49	0 59	24 44	0 57	0 44	1 7	5 40	2 10	21 17	0 43	13 31	1 30	31 5	7 26	1 20	1 38	6 56		n.a.	T 16
F 17	6 17	10 0	3 11	4 59	2 16	18 30	1 1	24 45	0 59	0 49	1 6	5 43	2 10	21 17	0 43	13 31	1 30	31 5	7 26	1 19	1 37	6 58		n.a.	F 17
S 18	5 54	5 45	2 1	5 33	2 22	18 11	1 4	24 45	1 0	0 54	1 6	5 45	2 10	21 17	0 43	13 30	1 30	31 5	7 26	1 18	1 36	6 59		n.a.	S 18
S 19	5 30	1 4	0 41	6 6	2 27	17 52	1 6	24 45	1 1	1 0	1 6	5 48	2 10	21 18	0 43	13 29	1 30	31 5	7 27	1 17	1 34	7 1		n.a.	S 19
M20	5 7	3n42	0s42	6 38	2 32	17 32	1 8	24 45	1 2	1 5	1 6	5 50	2 10	21 18	0 43	13 28	1 30	31 6	7 27	1 17	1 33	7 3		n.a.	M20
T 21	4 43	8 13	2 2	7 9	2 36	17 12	1 10	24 44	1 3	1 10	1 6	5 53	2 9	21 18	0 43	13 28	1 30	31 6	7 27	1 18	1 32	7 5		n.a.	T 21
W22	4 19	12 9	3 13	7 39	2 41	16 51	1 12	24 44	1 4	1 16	1 6	5 55	2 9	21 18	0 43	13 27	1 30	31 6	7 27	1 18	1 31	7 6		n.a.	W22
T 23	3 55	15 16	4 9	8 7	2 45	16 29	1 14	24 44	1 5	1 21	1 6	5 58	2 9	21 19	0 43	13 26	1 30	31 6	7 28	1 19	1 29	7 8		n.a.	T 23
F 24	3 31	17 23	4 50	8 33	2 48	16 7	1 16	24 43	1 6	1 26	1 6	6 1	2 9	21 19	0 43	13 25	1 31	31 6	7 28	1 19	1 28	7 10		n.a.	F 24
S 25	3 7	18 25	5 12	8 58	2 51	15 45	1 18	24 42	1 7	1 32	1 6	6 3	2 9	21 19	0 43	13 25	1 31	31 7	7 28	1 19	1 27	7 12		n.a.	S 25
S 26	2 43	18 23	5 17	9 20	2 53	15 22	1 19	24 42	1 9	1 37	1 6	6 6	2 9	21 19	0 43	13 24	1 31	31 7	7 29	1 19	1 25	7 13		n.a.	S 26
M27	2 18	17 21	5 5	9 40	2 54	14 59	1 21	24 41	1 10	1 43	1 6	6 8	2 9	21 20	0 43	13 23	1 31	31 7	7 29	1 19	1 24	7 15		n.a.	M27
T 28	1 54	15 27	4 38	9 58	2 55	14 35	1 23	24 40	1 11	1 48	1 5	6 11	2 9	21 20	0 43	13 23	1 31	31 7	7 29	1 18	1 23	7 17		n.a.	T 28
W29	1 30	12 51	3 58	10 13	2 55	14 11	1 24	24 39	1 12	1 53	1 5	6 14	2 8	21 20	0 43	13 22	1 31	31 8	7 29	1 18	1 22	7 18		n.a.	W29
T 30	1n 5	9n42	3s 7	10s25	2s54	13n46	1n26	24n37	1n13	1s59	1n 5	6s16	2n 8	21s20	0s43	13n21	1n31	31n 8	7n30	1s17	1s20	7s20		n.a.	T 30

Julian Day Number = 1349111.5, Delta T = 07h08m55s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'52, Lahiri = -18°01'51 Julian Calendar 1 Sept. 1020 BCE == Greg. Calendar 22 Aug. 1020 BCE

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

OCTOBER 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 59 42	28♍18'12	9♍23	19♎56	29♌ 1	10♋50	7♎36	20♎55	29°R12	29♌13	6♋35	3°R11	3♎16	22♎40	n.a.	F 1
S 2	0 3 39	29°18'41	21°25	20°17	0♍15	11°20	7°50	21° 2	29♏11	29°15	6°36	3♎11	3°13	22°47	n.a.	S 2
S 3	0 7 35	0♎19'11	3♎20	20°30	1°29	11°50	8° 3	21° 9	29°11	29°17	6°36	3°D11	3° 9	22°53	n.a.	S 3
M 4	0 11 32	1°19'44	15°11	20°R35	2°44	12°20	8°16	21°15	29°10	29°19	6°37	3°11	3° 6	23° 0	n.a.	M 4
T 5	0 15 28	2°20'18	26°59	20°31	3°58	12°50	8°30	21°22	29° 9	29°21	6°37	3°11	3° 3	23° 7	n.a.	T 5
W 6	0 19 25	3°20'53	8♏46	20°17	5°13	13°20	8°43	21°29	29° 9	29°23	6°37	3°R11	3° 0	23°13	n.a.	W 6
T 7	0 23 21	4°21'31	20°36	19°54	6°27	13°49	8°56	21°36	29° 8	29°24	6°38	3°11	2°57	23°20	n.a.	T 7
F 8	0 27 18	5°22'09	2♐31	19°20	7°42	14°19	9°10	21°42	29° 7	29°26	6°38	3°11	2°53	23°27	n.a.	F 8
S 9	0 31 14	6°22'50	14°37	18°36	8°57	14°48	9°23	21°49	29° 7	29°28	6°38	3°11	2°50	23°33	n.a.	S 9
S 10	0 35 11	7°23'31	26°55	17°43	10°11	15°17	9°37	21°56	29° 6	29°30	6°39	3°10	2°47	23°40	n.a.	S 10
M11	0 39 7	8°24'14	9♑32	16°40	11°26	15°45	9°50	22° 3	29° 6	29°32	6°39	3°D10	2°44	23°47	n.a.	M11
T 12	0 43 4	9°24'58	22°30	15°29	12°41	16°14	10° 3	22°10	29° 6	29°34	6°39	3°10	2°41	23°53	n.a.	T 12
W13	0 47 1	10°25'43	5♒54	14°13	13°56	16°42	10°17	22°17	29° 5	29°36	6°39	3°11	2°38	24° 0	n.a.	W13
T 14	0 50 57	11°26'30	19°44	12°53	15°10	17°10	10°30	22°24	29° 5	29°37	6°39	3°12	2°34	24° 7	n.a.	T 14
F 15	0 54 54	12°27'17	4♓ 2	11°31	16°25	17°38	10°44	22°31	29° 5	29°39	6°39	3°12	2°31	24°13	n.a.	F 15
S 16	0 58 50	13°28'06	18°44	10°11	17°40	18° 6	10°57	22°38	29° 5	29°41	6°39	3°13	2°28	24°20	n.a.	S 16
S 17	1 2 47	14°28'56	3♈46	8°55	18°55	18°33	11°11	22°44	29° 5	29°43	6°39	3°R13	2°25	24°27	n.a.	S 17
M18	1 6 43	15°29'48	18°59	7°46	20°10	19° 1	11°24	22°51	29° 4	29°44	6°R39	3°13	2°22	24°33	n.a.	M18
T 19	1 10 40	16°30'40	4♉13	6°45	21°25	19°28	11°37	22°58	29°D 4	29°46	6°39	3°12	2°19	24°40	n.a.	T 19
W20	1 14 36	17°31'35	19°19	5°54	22°40	19°54	11°51	23° 5	29° 5	29°48	6°39	3°10	2°15	24°47	n.a.	W20
T 21	1 18 33	18°32'30	4♊ 7	5°15	23°55	20°21	12° 4	23°12	29° 5	29°49	6°39	3° 8	2°12	24°53	n.a.	T 21
F 22	1 22 30	19°33'28	18°33	4°47	25°10	20°47	12°17	23°19	29° 5	29°51	6°39	3° 6	2° 9	25° 0	n.a.	F 22
S 23	1 26 26	20°34'26	2♋31	4°30	26°25	21°13	12°31	23°26	29° 5	29°52	6°39	3° 5	2° 6	25° 7	n.a.	S 23
S 24	1 30 23	21°35'26	16° 3	4°D25	27°40	21°39	12°44	23°33	29° 5	29°54	6°39	3°D 4	2° 3	25°13	n.a.	S 24
M25	1 34 19	22°36'28	29° 9	4°31	28°55	22° 5	12°58	23°40	29° 5	29°56	6°39	3° 4	1°59	25°20	n.a.	M25
T 26	1 38 16	23°37'31	11♌52	4°47	0♎11	22°30	13°11	23°47	29° 6	29°57	6°39	3° 5	1°56	25°27	n.a.	T 26
W27	1 42 12	24°38'35	24°17	5°11	1°26	22°55	13°24	23°55	29° 6	29°59	6°38	3° 6	1°53	25°33	n.a.	W27
T 28	1 46 9	25°39'40	6♍27	5°44	2°41	23°19	13°37	24° 2	29° 7	29°59	6°38	3° 8	1°50	25°40	n.a.	T 28
F 29	1 50 5	26°40'47	18°27	6°25	3°56	23°44	13°51	24° 9	29° 7	0♍ 1	6°38	3°10	1°47	25°46	n.a.	F 29
S 30	1 54 2	27°41'55	0♎20	7°11	5°12	24° 8	14° 4	24°16	29° 8	0° 3	6°37	3°R10	1°44	25°53	n.a.	S 30
S 31	1 57 59	28♎43'04	12♎ 8	8♎ 4	6♎27	24♋32	14♎17	24♎23	29♏ 8	0♍ 4	6♋37	3♎10	1♎40	26♎ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n41	6n12	2s 9	10s34	2s52	13n21	1n27	24n36	1n15	2s 4	1n 5	6s19	2n 8	21s20	0s43	13n20	1n31	31n 8	7n30	1s17	1s19	7s22		n.a.
S 2	0 17	2 28	1 5	10 39	2 49	12 56	1 28	24 35	1 16	2 9	1 5	6 21	2 8	21 20	0 43	13 20	1 31	31 9	7 30	1 17	1 18	7 24		n.a.
S 3	0s 8	1s20	0n 1	10 40	2 45	12 30	1 29	24 33	1 17	2 15	1 5	6 24	2 8	21 21	0 43	13 19	1 31	31 9	7 31	1 17	1 16	7 25		n.a.
M 4	0 32	5 3	1 6	10 37	2 39	12 4	1 31	24 32	1 18	2 20	1 5	6 27	2 8	21 21	0 43	13 18	1 31	31 9	7 31	1 17	1 15	7 27		n.a.
T 5	0 57	8 33	2 9	10 29	2 32	11 37	1 32	24 30	1 20	2 26	1 5	6 29	2 8	21 21	0 43	13 18	1 31	31 9	7 31	1 17	1 14	7 29		n.a.
W 6	1 21	11 43	3 5	10 15	2 23	11 11	1 33	24 28	1 21	2 31	1 5	6 32	2 8	21 21	0 43	13 17	1 31	31 10	7 31	1 17	1 13	7 30		n.a.
T 7	1 45	14 25	3 55	9 57	2 13	10 43	1 33	24 27	1 22	2 36	1 5	6 35	2 8	21 21	0 43	13 16	1 31	31 10	7 32	1 17	1 11	7 32		n.a.
F 8	2 10	16 31	4 34	9 32	2 1	10 16	1 34	24 25	1 23	2 42	1 5	6 37	2 8	21 21	0 43	13 16	1 31	31 10	7 32	1 17	1 10	7 34		n.a.
S 9	2 34	17 55	5 2	9 3	1 47	9 48	1 35	24 23	1 25	2 47	1 5	6 40	2 7	21 21	0 43	13 15	1 31	31 10	7 32	1 17	1 9	7 36		n.a.
S 10	2 59	18 31	5 16	8 27	1 31	9 20	1 36	24 21	1 26	2 53	1 5	6 43	2 7	21 21	0 43	13 15	1 31	31 11	7 33	1 17	1 7	7 37		n.a.
M11	3 23	18 13	5 16	7 47	1 14	8 52	1 36	24 19	1 27	2 58	1 5	6 45	2 7	21 21	0 43	13 14	1 31	31 11	7 33	1 17	1 6	7 39		n.a.
T 12	3 47	16 58	5 0	7 2	0 55	8 23	1 37	24 17	1 29	3 3	1 5	6 48	2 7	21 21	0 43	13 13	1 31	31 11	7 33	1 17	1 5	7 41		n.a.
W13	4 11	14 46	4 28	6 14	0 35	7 55	1 37	24 14	1 30	3 9	1 4	6 51	2 7	21 21	0 43	13 13	1 31	31 11	7 33	1 17	1 4	7 43		n.a.
T 14	4 36	11 40	3 39	5 23	0 15	7 25	1 37	24 12	1 31	3 14	1 4	6 53	2 7	21 21	0 43	13 12	1 31	31 12	7 34	1 17	1 2	7 44		n.a.
F 15	5 0	7 47	2 35	4 32	0n 6	6 56	1 38	24 10	1 33	3 20	1 4	6 56	2 7	21 21	0 43	13 12	1 31	31 12	7 34	1 18	1 1	7 46		n.a.
S 16	5 24	3 18	1 20	3 41	0 27	6 27	1 38	24 7	1 34	3 25	1 4	6 59	2 7	21 21	0 43	13 11	1 31	31 12	7 34	1 18	1 0	7 48		n.a.
S 17	5 48	1n28	0s 3	2 53	0 46	5 57	1 38	24 5	1 35	3 30	1 4	7 1	2 7	21 21	0 43	13 10	1 31	31 13	7 35	1 18	0 58	7 49		n.a.
M18	6 12	6 13	1 26	2 8	1 5	5 27	1 38	24 2	1 37	3 36	1 4	7 4	2 7	21 21	0 42	13 10	1 31	31 13	7 35	1 18	0 57	7 51		n.a.
T 19	6 35	10 33	2 44	1 28	1 22	4 57	1 38	24 0	1 38	3 41	1 4	7 7	2 7	21 21	0 42	13 9	1 31	31 13	7 35	1 17	0 56	7 53		n.a.
W20	6 59	14 10	3 49	0 54	1 37	4 27	1 38	23 57	1 40	3 46	1 4	7 9	2 7	21 21	0 42	13 9	1 31	31 13	7 35	1 17	0 55	7 54		n.a.
T 21	7 23	16 46	4 37	0 26	1 50	3 57	1 38	23 55	1 41	3 52	1 4	7 12	2 7	21 21	0 42	13 8	1 32	31 14	7 36	1 16	0 53	7 56		n.a.
F 22	7 46	18 13	5 7	0 4	2 2	3 26	1 37	23 52	1 43	3 57	1 4	7 15	2 7	21 21	0 42	13 8	1 32	31 14	7 36	1 15	0 52	7 58		n.a.
S 23	8 9	18 31	5 17	0n11	2 11	2 56	1 37	23 49	1 44	4 2	1 4	7 17	2 7	21 21	0 42	13 7	1 32	31 14	7 36	1 15	0 51	8 0		n.a.
S 24	8 33	17 44	5 9	0 20	2 19	2 25	1 37	23 47	1 46	4 8	1 4	7 20	2 7	21 21	0 42	13 7	1 32	31 15	7 37	1 14	0 50	8 1		n.a.
M25	8 56	16 1	4 45	0 23	2 24	1 54	1 36	23 44	1 47	4 13	1 4	7 22	2 7	21 21	0 42	13 6	1 32	31 15	7 37	1 14	0 48	8 3		n.a.
T 26	9 19	13 33	4 7	0 20	2 28	1 23	1 36	23 41	1 49	4 18	1 4	7 25	2 7	21 21	0 42	13 6	1 32	31 15	7 37	1 15	0 47	8 5		n.a.
W27	9 42	10 31	3 19	0 13	2 31	0 52	1 35	23 39	1 50	4 23	1 4	7 28	2 6	21 21	0 42	13 5	1 32	31 16	7 37	1 15	0 46	8 6		n.a.
T 28	10 4	7 5	2 22	0 1	2 32	0 21	1 34	23 36	1 52	4 29	1 4	7 30	2 6	21 21	0 42	13 5	1 32	31 16	7 38	1 16	0 44	8 8		n.a.
F 29	10 27	3 24	1 20	0s15	2 32	0s10	1 34	23 33	1 53	4 34	1 4	7 33	2 6	21 20	0 42	13 4	1 32	31 16	7 38	1 17	0 43	8 10		n.a.
S 30	10 49	0s22	0 16	0 35	2 31	0 41	1 33	23 30	1 55	4 39	1 4	7 36	2 6	21 20	0 42	13 4	1 32	31 16	7 38	1 17	0 42	8 11		n.a.
S 31	11s11	4s 7	0n49	0s58	2n30	1s12	1n32	23n28	1n57	4s44	1n 4	7s38	2n 6	21s20	0s42	13n 3	1n32	31n17	7n39	1s17	0s41	8s13		n.a.

Julian Day Number = 1349141.5, Delta T = 07h08m53s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'48, Lahiri = -18°01'47 Julian Calendar 1 Oct. 1020 BCE == Greg. Calendar 21 Sept. 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

NOVEMBER 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 1 55	29♎44'13	23♎56	9♎ 2	7♎42	24♋55	14♎30	24♎30	29♏ 9	0♍ 6	6°R37	3°R 8	1♎37	26♎ 6	n.a.	M 1
T 2	2 5 52	0♏45'24	5♏44	10° 4	8°57	25°18	14°44	24°37	29°10	0° 7	6♋36	3♎ 5	1°34	26°13	n.a.	T 2
W 3	2 9 48	1°46'35	17°36	11° 9	10°13	25°41	14°57	24°44	29°10	0° 8	6°36	3° 1	1°31	26°20	n.a.	W 3
T 4	2 13 45	2°47'47	29°31	12°18	11°28	26° 4	15°10	24°51	29°11	0° 9	6°35	2°55	1°28	26°26	n.a.	T 4
F 5	2 17 41	3°49'00	11♐34	13°31	12°43	26°26	15°23	24°57	29°12	0°11	6°35	2°49	1°24	26°33	n.a.	F 5
S 6	2 21 38	4°50'14	23°45	14°45	13°59	26°48	15°36	25° 4	29°13	0°12	6°34	2°44	1°21	26°40	n.a.	S 6
S 7	2 25 34	5°51'27	6♑ 7	16° 2	15°14	27°10	15°49	25°11	29°14	0°13	6°34	2°39	1°18	26°46	n.a.	S 7
M 8	2 29 31	6°52'42	18°43	17°20	16°29	27°31	16° 2	25°18	29°15	0°14	6°33	2°36	1°15	26°53	n.a.	M 8
T 9	2 33 28	7°53'56	1♒36	18°41	17°45	27°51	16°15	25°25	29°16	0°15	6°33	2°34	1°12	27° 0	n.a.	T 9
W10	2 37 24	8°55'11	14°50	20° 2	19° 0	28°12	16°28	25°32	29°17	0°16	6°32	2°D34	1° 9	27° 6	n.a.	W10
T 11	2 41 21	9°56'26	28°27	21°25	20°16	28°32	16°41	25°39	29°18	0°17	6°31	2°35	1° 5	27°13	n.a.	T 11
F 12	2 45 17	10°57'40	12♓29	22°49	21°31	28°52	16°54	25°46	29°20	0°18	6°31	2°37	1° 2	27°20	n.a.	F 12
S 13	2 49 14	11°58'56	26°56	24°14	22°46	29°11	17° 7	25°53	29°21	0°19	6°30	2°R38	0°59	27°26	n.a.	S 13
S 14	2 53 10	13° 0'11	11♈45	25°40	24° 2	29°30	17°20	26° 0	29°22	0°20	6°29	2°38	0°56	27°33	n.a.	S 14
M15	2 57 7	14° 1'26	26°50	27° 7	25°17	29°48	17°32	26° 6	29°24	0°21	6°28	2°36	0°53	27°40	n.a.	M15
T 16	3 1 3	15° 2'42	12♉ 4	28°34	26°33	0♌ 6	17°45	26°13	29°25	0°22	6°28	2°32	0°50	27°46	n.a.	T 16
W17	3 5 0	16° 3'58	27°17	0♏ 2	27°48	0°24	17°58	26°20	29°26	0°23	6°27	2°26	0°46	27°53	n.a.	W17
T 18	3 8 57	17° 5'14	12♊17	1°30	29° 3	0°41	18°10	26°27	29°28	0°24	6°26	2°18	0°43	28° 0	n.a.	T 18
F 19	3 12 53	18° 6'30	26°56	2°59	0♏19	0°58	18°23	26°33	29°29	0°25	6°25	2°11	0°40	28° 6	n.a.	F 19
S 20	3 16 50	19° 7'47	11♋ 7	4°28	1°34	1°14	18°35	26°40	29°31	0°25	6°24	2° 5	0°37	28°13	n.a.	S 20
S 21	3 20 46	20° 9'04	24°50	5°58	2°50	1°30	18°48	26°47	29°33	0°26	6°23	2° 0	0°34	28°20	n.a.	S 21
M22	3 24 43	21°10'22	8♌ 2	7°28	4° 5	1°46	19° 0	26°53	29°34	0°27	6°23	1°57	0°30	28°26	n.a.	M22
T 23	3 28 39	22°11'40	20°49	8°59	5°20	2° 0	19°12	27° 0	29°36	0°27	6°22	1°D56	0°27	28°33	n.a.	T 23
W24	3 32 36	23°12'57	3♍13	10°30	6°36	2°15	19°25	27° 6	29°38	0°28	6°21	1°56	0°24	28°40	n.a.	W24
T 25	3 36 33	24°14'16	15°20	12° 1	7°51	2°29	19°37	27°13	29°40	0°29	6°20	1°57	0°21	28°46	n.a.	T 25
F 26	3 40 29	25°15'34	27°16	13°33	9° 7	2°42	19°49	27°19	29°42	0°29	6°19	1°R58	0°18	28°53	n.a.	F 26
S 27	3 44 26	26°16'52	9♎ 4	15° 5	10°22	2°55	20° 1	27°26	29°43	0°30	6°18	1°58	0°15	29° 0	n.a.	S 27
S 28	3 48 22	27°18'10	20°50	16°37	11°37	3° 7	20°13	27°32	29°45	0°30	6°17	1°56	0°11	29° 6	n.a.	S 28
M29	3 52 19	28°19'29	2♏38	18°10	12°53	3°19	20°25	27°39	29°47	0°31	6°16	1°51	0° 8	29°13	n.a.	M29
T 30	3 56 15	29♏20'47	14♏30	19♏43	14♏ 8	3♌30	20♎37	27♎45	29♏49	0♍31	6♋15	1♎44	0♎ 5	29♎20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s33	7s42	1n52	1s23	2n27	1s43	1n31	23n25	1n58	4s50	1n 4	7s41	2n 6	21s20	0s42	13n 3	1n32	31n17	7n39	1s16	0s39	8s15		n.a.
T 2	11 55	10 59	2 50	1 51	2 23	2 14	1 30	23 22	2 0	4 55	1 4	7 43	2 6	21 20	0 42	13 2	1 32	31 17	7 39	1 15	0 38	8 16		n.a.
W 3	12 17	13 50	3 40	2 21	2 19	2 45	1 29	23 20	2 2	5 0	1 4	7 46	2 6	21 20	0 42	13 2	1 32	31 18	7 39	1 13	0 37	8 18		n.a.
T 4	12 38	16 7	4 21	2 53	2 15	3 16	1 28	23 17	2 3	5 5	1 4	7 49	2 6	21 19	0 42	13 2	1 32	31 18	7 40	1 11	0 35	8 20		n.a.
F 5	12 59	17 43	4 51	3 26	2 10	3 47	1 26	23 14	2 5	5 10	1 4	7 51	2 6	21 19	0 42	13 1	1 32	31 18	7 40	1 8	0 34	8 22		n.a.
S 6	13 20	18 32	5 9	4 0	2 4	4 18	1 25	23 12	2 7	5 15	1 4	7 54	2 6	21 19	0 42	13 1	1 32	31 19	7 40	1 6	0 33	8 23		n.a.
S 7	13 41	18 29	5 12	4 35	1 58	4 48	1 24	23 9	2 8	5 20	1 4	7 56	2 6	21 19	0 42	13 0	1 32	31 19	7 41	1 4	0 32	8 25		n.a.
M 8	14 1	17 32	5 0	5 11	1 52	5 19	1 22	23 7	2 10	5 25	1 4	7 59	2 6	21 19	0 42	13 0	1 32	31 19	7 41	1 3	0 30	8 27		n.a.
T 9	14 22	15 40	4 33	5 48	1 46	5 49	1 21	23 4	2 12	5 31	1 4	8 1	2 6	21 18	0 42	13 0	1 33	31 19	7 41	1 2	0 29	8 28		n.a.
W10	14 42	12 57	3 52	6 25	1 39	6 20	1 20	23 2	2 14	5 36	1 4	8 4	2 6	21 18	0 42	12 59	1 33	31 20	7 41	1 2	0 28	8 30		n.a.
T 11	15 1	9 27	2 56	7 3	1 33	6 50	1 18	22 59	2 16	5 41	1 4	8 6	2 6	21 18	0 42	12 59	1 33	31 20	7 42	1 3	0 26	8 32		n.a.
F 12	15 21	5 20	1 48	7 41	1 26	7 20	1 16	22 57	2 17	5 46	1 4	8 9	2 6	21 17	0 42	12 59	1 33	31 20	7 42	1 3	0 25	8 33		n.a.
S 13	15 40	0 46	0 31	8 19	1 19	7 50	1 15	22 55	2 19	5 50	1 4	8 11	2 6	21 17	0 42	12 58	1 33	31 21	7 42	1 4	0 24	8 35		n.a.
S 14	15 59	3n57	0s49	8 58	1 12	8 20	1 13	22 52	2 21	5 55	1 4	8 14	2 6	21 17	0 42	12 58	1 33	31 21	7 42	1 4	0 23	8 37		n.a.
M15	16 18	8 31	2 8	9 36	1 5	8 50	1 11	22 50	2 23	6 0	1 4	8 16	2 6	21 16	0 42	12 58	1 33	31 21	7 43	1 3	0 21	8 38		n.a.
T 16	16 36	12 34	3 18	10 14	0 57	9 19	1 9	22 48	2 25	6 5	1 4	8 19	2 6	21 16	0 42	12 58	1 33	31 21	7 43	1 1	0 20	8 40		n.a.
W17	16 54	15 45	4 13	10 52	0 50	9 48	1 8	22 46	2 27	6 10	1 4	8 21	2 7	21 16	0 42	12 57	1 33	31 22	7 43	0 59	0 19	8 42		n.a.
T 18	17 12	17 49	4 50	11 30	0 43	10 17	1 6	22 44	2 29	6 15	1 4	8 24	2 7	21 15	0 42	12 57	1 33	31 22	7 43	0 56	0 17	8 43		n.a.
F 19	17 30	18 39	5 8	12 8	0 36	10 46	1 4	22 42	2 31	6 20	1 4	8 26	2 7	21 15	0 41	12 57	1 33	31 22	7 44	0 53	0 16	8 45		n.a.
S 20	17 47	18 16	5 5	12 46	0 29	11 14	1 2	22 41	2 33	6 25	1 4	8 29	2 7	21 15	0 41	12 57	1 33	31 23	7 44	0 50	0 15	8 47		n.a.
S 21	18 4	16 50	4 45	13 23	0 22	11 42	1 0	22 39	2 35	6 29	1 4	8 31	2 7	21 14	0 41	12 56	1 33	31 23	7 44	0 48	0 14	8 48		n.a.
M22	18 20	14 31	4 10	14 0	0 14	12 10	0 58	22 37	2 37	6 34	1 4	8 33	2 7	21 14	0 41	12 56	1 33	31 23	7 44	0 47	0 12	8 50		n.a.
T 23	18 36	11 34	3 24	14 36	0 7	12 38	0 56	22 36	2 39	6 39	1 4	8 36	2 7	21 14	0 41	12 56	1 33	31 23	7 45	0 47	0 11	8 52		n.a.
W24	18 52	8 10	2 29	15 12	0 0	13 5	0 54	22 35	2 41	6 43	1 4	8 38	2 7	21 13	0 41	12 56	1 33	31 24	7 45	0 47	0 10	8 53		n.a.
T 25	19 8	4 31	1 29	15 47	0s 6	13 32	0 51	22 33	2 43	6 48	1 4	8 40	2 7	21 13	0 41	12 56	1 33	31 24	7 45	0 47	0 8	8 55		n.a.
F 26	19 23	0 43	0 25	16 22	0 13	13 59	0 49	22 32	2 45	6 53	1 4	8 43	2 7	21 12	0 41	12 56	1 34	31 24	7 45	0 48	0 7	8 57		n.a.
S 27	19 37	3s 4	0n38	16 56	0 20	14 25	0 47	22 31	2 47	6 57	1 4	8 45	2 7	21 12	0 41	12 55	1 34	31 25	7 45	0 48	0 6	8 58		n.a.
S 28	19 52	6 43	1 40	17 29	0 26	14 51	0 45	22 31	2 49	7 2	1 4	8 47	2 7	21 11	0 41	12 55	1 34	31 25	7 46	0 47	0 5	9 0		n.a.
M29	20 6	10 7	2 37	18 2	0 33	15 16	0 43	22 30	2 52	7 6	1 4	8 49	2 7	21 11	0 41	12 55	1 34	31 25	7 46	0 45	0 3	9 2		n.a.
T 30	20s19	13s 8	3n27	18s34	0s39	15s41	0n40	22n29	2n54	7s11	1n 4	8s52	2n 7	21s11	0s41	12n55	1n34	31n25	7n46	0s42	0s 2	9s 3		n.a.

Julian Day Number = 1349172.5, Delta T = 07h08m52s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'44, Lahiri = -18°01'43 Julian Calendar 1 Nov. 1020 BCE == Greg. Calendar 22 Oct. 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1020 BCE
geocentric

DECEMBER 1020 BCE (-1019) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 0 12	0♐22'05	26♏28	21♏17	15♏24	3♌40	20♎49	27♎51	29♑52	0♍32	6°R13	1°R34	0♎ 2	29♎26	n.a.	W 1
T 2	4 4 8	1°23'22	8♐33	22°50	16°39	3°50	21° 1	27°58	29°54	0°32	6♋12	1♎22	29♍59	29°33	n.a.	T 2
F 3	4 8 5	2°24'39	20°48	24°25	17°54	4° 0	21°13	28° 4	29°56	0°32	6°11	1°10	29°56	29°40	n.a.	F 3
S 4	4 12 2	3°25'56	3♑12	25°59	19°10	4° 9	21°24	28°10	29°58	0°33	6°10	0°58	29°52	29°46	n.a.	S 4
S 5	4 15 58	4°27'12	15°46	27°35	20°25	4°17	21°36	28°16	0♒ 0	0°33	6° 9	0°48	29°49	29°53	n.a.	S 5
M 6	4 19 55	5°28'27	28°32	29°10	21°40	4°24	21°47	28°22	0° 3	0°33	6° 8	0°40	29°46	29°59	n.a.	M 6
T 7	4 23 51	6°29'42	11♒31	0♐46	22°56	4°31	21°59	28°28	0° 5	0°33	6° 6	0°34	29°43	0♏ 6	n.a.	T 7
W 8	4 27 48	7°30'55	24°44	2°23	24°11	4°37	22°10	28°34	0° 7	0°33	6° 5	0°31	29°40	0°13	n.a.	W 8
T 9	4 31 44	8°32'08	8♓14	4° 0	25°26	4°43	22°21	28°40	0°10	0°33	6° 4	0°D30	29°36	0°20	n.a.	T 9
F 10	4 35 41	9°33'19	22° 3	5°37	26°42	4°48	22°32	28°46	0°12	0°34	6° 3	0°31	29°33	0°26	n.a.	F 10
S 11	4 39 38	10°34'30	6♈11	7°15	27°57	4°52	22°43	28°52	0°14	0°34	6° 2	0°R31	29°30	0°33	n.a.	S 11
S 12	4 43 34	11°35'39	20°39	8°54	29°12	4°55	22°54	28°58	0°17	0°R34	6° 0	0°29	29°27	0°40	n.a.	S 12
M13	4 47 31	12°36'48	5♉23	10°33	0♐28	4°58	23° 5	29° 3	0°20	0°34	5°59	0°25	29°24	0°46	n.a.	M13
T 14	4 51 27	13°37'55	20°18	12°12	1°43	5° 0	23°16	29° 9	0°22	0°34	5°58	0°19	29°21	0°53	n.a.	T 14
W15	4 55 24	14°39'02	5♊17	13°52	2°58	5° 1	23°27	29°15	0°25	0°33	5°56	0° 9	29°17	1° 0	n.a.	W15
T 16	4 59 20	15°40'07	20° 9	15°33	4°14	5°R 2	23°38	29°20	0°27	0°33	5°55	29♍58	29°14	1° 6	n.a.	T 16
F 17	5 3 17	16°41'12	4♋46	17°14	5°29	5° 2	23°48	29°26	0°30	0°33	5°54	29°46	29°11	1°13	n.a.	F 17
S 18	5 7 13	17°42'16	19° 1	18°56	6°44	5° 1	23°59	29°31	0°33	0°33	5°52	29°35	29° 8	1°20	n.a.	S 18
S 19	5 11 10	18°43'19	2♌49	20°39	7°59	4°59	24° 9	29°37	0°35	0°33	5°51	29°26	29° 5	1°26	n.a.	S 19
M20	5 15 7	19°44'21	16° 8	22°22	9°14	4°57	24°19	29°42	0°38	0°32	5°50	29°19	29° 2	1°33	n.a.	M20
T 21	5 19 3	20°45'22	29° 0	24° 6	10°30	4°54	24°29	29°47	0°41	0°32	5°48	29°15	28°58	1°40	n.a.	T 21
W22	5 23 0	21°46'22	11♍29	25°50	11°45	4°50	24°39	29°52	0°44	0°32	5°47	29°14	28°55	1°46	n.a.	W22
T 23	5 26 56	22°47'22	23°39	27°35	13° 0	4°45	24°49	29°58	0°47	0°31	5°46	29°13	28°52	1°53	n.a.	T 23
F 24	5 30 53	23°48'20	5♎35	29°20	14°15	4°40	24°59	0♏ 3	0°50	0°31	5°44	29°13	28°49	2° 0	n.a.	F 24
S 25	5 34 49	24°49'18	17°24	1♑ 6	15°30	4°33	25° 9	0° 8	0°52	0°31	5°43	29°12	28°46	2° 6	n.a.	S 25
S 26	5 38 46	25°50'14	29°11	2°52	16°46	4°26	25°19	0°13	0°55	0°30	5°41	29° 9	28°42	2°13	n.a.	S 26
M27	5 42 42	26°51'09	11♏ 1	4°38	18° 1	4°18	25°28	0°17	0°58	0°30	5°40	29° 4	28°39	2°20	n.a.	M27
T 28	5 46 39	27°52'04	22°57	6°25	19°16	4°10	25°38	0°22	1° 1	0°29	5°39	28°55	28°36	2°26	n.a.	T 28
W29	5 50 36	28°52'57	5♐ 2	8°12	20°31	4° 0	25°47	0°27	1° 4	0°29	5°37	28°43	28°33	2°33	n.a.	W29
T 30	5 54 32	29°53'49	17°19	9°59	21°46	3°50	25°56	0°32	1° 7	0°28	5°36	28°30	28°30	2°40	n.a.	T 30
F 31	5 58 29	0♑54'39	29♐48	11♑45	23♐ 1	3♌39	26♎ 5	0♏36	1♒10	0♍27	5♋34	28♍16	28♍27	2♏46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s33	15s38	4n 9	19s 5	0s45	16s 6	0n38	22n29	2n56	7s15	1n 4	8s54	2n 7	21s10	0s41	12n55	1n34	31n26	7n46	0s38	0s 1	9s 5		n.a.
T 2	20 46	17 28	4 40	19 36	0 51	16 30	0 36	22 29	2 58	7 20	1 5	8 56	2 7	21 10	0 41	12 55	1 34	31 26	7 47	0 33	0n 1	9 7		n.a.
F 3	20 58	18 32	4 59	20 5	0 57	16 54	0 33	22 29	3 1	7 24	1 5	8 58	2 7	21 9	0 41	12 55	1 34	31 26	7 47	0 28	0 2	9 8		n.a.
S 4	21 10	18 43	5 3	20 34	1 3	17 18	0 31	22 29	3 3	7 29	1 5	9 0	2 7	21 9	0 41	12 55	1 34	31 26	7 47	0 24	0 3	9 10		n.a.
S 5	21 22	18 1	4 53	21 2	1 8	17 40	0 29	22 29	3 5	7 33	1 5	9 3	2 8	21 8	0 41	12 55	1 34	31 27	7 47	0 19	0 4	9 11		n.a.
M 6	21 33	16 23	4 29	21 29	1 14	18 3	0 26	22 29	3 7	7 37	1 5	9 5	2 8	21 8	0 41	12 55	1 34	31 27	7 47	0 16	0 6	9 13		n.a.
T 7	21 44	13 55	3 50	21 55	1 19	18 25	0 24	22 30	3 10	7 41	1 5	9 7	2 8	21 7	0 41	12 55	1 34	31 27	7 48	0 14	0 7	9 15		n.a.
W 8	21 54	10 41	2 58	22 20	1 24	18 46	0 21	22 31	3 12	7 46	1 5	9 9	2 8	21 6	0 41	12 55	1 34	31 27	7 48	0 13	0 8	9 16		n.a.
T 9	22 4	6 50	1 56	22 43	1 28	19 7	0 19	22 32	3 14	7 50	1 5	9 11	2 8	21 6	0 41	12 55	1 34	31 28	7 48	0 12	0 10	9 18		n.a.
F 10	22 14	2 31	0 45	23 6	1 33	19 27	0 16	22 33	3 17	7 54	1 5	9 13	2 8	21 5	0 41	12 55	1 34	31 28	7 48	0 12	0 11	9 20		n.a.
S 11	22 23	2n 2	0s30	23 27	1 37	19 47	0 14	22 34	3 19	7 58	1 5	9 15	2 8	21 5	0 41	12 55	1 34	31 28	7 48	0 12	0 12	9 21		n.a.
S 12	22 32	6 34	1 45	23 47	1 41	20 6	0 12	22 35	3 22	8 2	1 5	9 17	2 8	21 4	0 41	12 55	1 35	31 28	7 48	0 12	0 13	9 23		n.a.
M13	22 40	10 48	2 54	24 6	1 44	20 25	0 9	22 37	3 24	8 6	1 5	9 19	2 8	21 4	0 41	12 55	1 35	31 29	7 49	0 10	0 15	9 25		n.a.
T 14	22 48	14 23	3 52	24 23	1 47	20 43	0 7	22 39	3 26	8 10	1 5	9 21	2 8	21 3	0 41	12 55	1 35	31 29	7 49	0 8	0 16	9 26		n.a.
W15	22 55	17 2	4 34	24 39	1 50	21 1	0 4	22 41	3 29	8 14	1 5	9 23	2 8	21 3	0 41	12 55	1 35	31 29	7 49	0 4	0 17	9 28		n.a.
T 16	23 2	18 30	4 57	24 53	1 53	21 17	0 2	22 43	3 31	8 18	1 5	9 25	2 9	21 2	0 41	12 55	1 35	31 29	7 49	0n 1	0 18	9 30		n.a.
F 17	23 8	18 44	5 0	25 6	1 55	21 34	0s 1	22 45	3 34	8 22	1 5	9 26	2 9	21 1	0 41	12 55	1 35	31 30	7 49	0 6	0 20	9 31		n.a.
S 18	23 14	17 45	4 44	25 18	1 57	21 49	0 3	22 48	3 36	8 26	1 6	9 28	2 9	21 1	0 41	12 56	1 35	31 30	7 49	0 10	0 21	9 33		n.a.
S 19	23 20	15 45	4 12	25 27	1 59	22 4	0 5	22 51	3 38	8 30	1 6	9 30	2 9	21 0	0 41	12 56	1 35	31 30	7 50	0 14	0 22	9 34		n.a.
M20	23 25	12 57	3 27	25 35	2 0	22 19	0 8	22 54	3 41	8 33	1 6	9 32	2 9	20 59	0 41	12 56	1 35	31 30	7 50	0 16	0 24	9 36		n.a.
T 21	23 29	9 37	2 33	25 42	2 1	22 32	0 10	22 57	3 43	8 37	1 6	9 34	2 9	20 59	0 41	12 56	1 35	31 30	7 50	0 18	0 25	9 38		n.a.
W22	23 33	5 57	1 33	25 46	2 1	22 45	0 13	23 0	3 46	8 41	1 6	9 35	2 9	20 58	0 41	12 56	1 35	31 31	7 50	0 19	0 26	9 39		n.a.
T 23	23 37	2 7	0 30	25 48	2 1	22 58	0 15	23 4	3 48	8 44	1 6	9 37	2 9	20 58	0 41	12 56	1 35	31 31	7 50	0 19	0 27	9 41		n.a.
F 24	23 40	1s44	0n34	25 49	2 0	23 9	0 17	23 7	3 51	8 48	1 6	9 39	2 10	20 57	0 41	12 57	1 35	31 31	7 50	0 19	0 29	9 43		n.a.
S 25	23 43	5 29	1 35	25 48	1 59	23 20	0 20	23 11	3 53	8 51	1 6	9 40	2 10	20 56	0 41	12 57	1 35	31 31	7 50	0 19	0 30	9 44		n.a.
S 26	23 45	9 0	2 32	25 44	1 58	23 31	0 22	23 15	3 55	8 55	1 6	9 42	2 10	20 56	0 41	12 57	1 35	31 31	7 50	0 20	0 31	9 46		n.a.
M27	23 47	12 10	3 22	25 39	1 55	23 40	0 24	23 19	3 58	8 58	1 6	9 44	2 10	20 55	0 41	12 57	1 35	31 32	7 51	0 23	0 33	9 47		n.a.
T 28	23 48	14 52	4 4	25 32	1 52	23 49	0 27	23 24	4 0	9 2	1 6	9 45	2 10	20 54	0 41	12 57	1 35	31 32	7 51	0 26	0 34	9 49		n.a.
W29	23 49	16 58	4 35	25 22	1 49	23 57	0 29	23 28	4 2	9 5	1 7	9 47	2 10	20 54	0 41	12 58	1 36	31 32	7 51	0 31	0 35	9 51		n.a.
T 30	23 49	18 19	4 54	25 10	1 45	24 4	0 31	23 33	4 5	9 8	1 7	9 48	2 10	20 53	0 41	12 58	1 36	31 32	7 51	0 36	0 36	9 52		n.a.
F 31	23s49	18s49	5n 0	24s57	1s40	24s11	0s33	23n38	4n 7	9s12	1n 7	9s50	2n11	20s52	0s41	12n58	1n36	31n32	7n51	0n42	0n38	9s54		n.a.

Julian Day Number = 1349202.5, Delta T = 07h08m50s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'39, Lahiri = -18°01'39 Julian Calendar 1 Dec. 1020 BCE == Greg. Calendar 21 Nov. 1020 BCE

The year -1019 astronomical counting style corresponds to year 1020 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

JANUARY 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 2 25	1♉55'28	12♉30	13♉32	24♐16	3°R27	26♎14	0♏41	1♒13	0°R27	5°R33	28°R 1	28♍23	2♏53	n.a.	S 1
S 2	6 6 22	2°56'16	25°24	15°17	25°32	3♌14	26°23	0°45	1°17	0♍26	5♋31	27♍49	28°20	3° 0	n.a.	S 2
M 3	6 10 18	3°57'02	8♒29	17° 2	26°47	3° 1	26°32	0°50	1°20	0°25	5°30	27°39	28°17	3° 6	n.a.	M 3
T 4	6 14 15	4°57'46	21°44	18°46	28° 2	2°46	26°40	0°54	1°23	0°25	5°29	27°32	28°14	3°13	n.a.	T 4
W 5	6 18 12	5°58'28	5♓10	20°27	29°17	2°32	26°49	0°58	1°26	0°24	5°27	27°28	28°11	3°20	n.a.	W 5
T 6	6 22 8	6°59'09	18°47	22° 7	0♉32	2°16	26°57	1° 2	1°29	0°23	5°26	27°26	28° 8	3°26	n.a.	T 6
F 7	6 26 5	7°59'48	2♈35	23°45	1°47	2° 0	27° 5	1° 6	1°32	0°22	5°24	27°26	28° 4	3°33	n.a.	F 7
S 8	6 30 1	9° 0'24	16°35	25°20	3° 2	1°43	27°13	1°10	1°36	0°21	5°23	27°26	28° 1	3°40	n.a.	S 8
S 9	6 33 58	10° 0'59	0♉46	26°51	4°17	1°25	27°21	1°14	1°39	0°20	5°21	27°25	27°58	3°46	n.a.	S 9
M10	6 37 54	11° 1'31	15° 8	28°17	5°32	1° 7	27°29	1°18	1°42	0°20	5°20	27°21	27°55	3°53	n.a.	M10
T 11	6 41 51	12° 2'02	29°37	29°39	6°47	0°48	27°37	1°22	1°45	0°19	5°18	27°14	27°52	4° 0	n.a.	T 11
W12	6 45 47	13° 2'31	14♊ 9	0♒56	8° 2	0°29	27°44	1°25	1°49	0°18	5°17	27° 5	27°48	4° 6	n.a.	W12
T 13	6 49 44	14° 2'58	28°37	2° 6	9°17	0° 9	27°51	1°29	1°52	0°17	5°16	26°54	27°45	4°13	n.a.	T 13
F 14	6 53 41	15° 3'23	12♋55	3°10	10°32	29♋48	27°59	1°32	1°55	0°16	5°14	26°43	27°42	4°20	n.a.	F 14
S 15	6 57 37	16° 3'46	26°56	4° 6	11°47	29°27	28° 6	1°36	1°59	0°15	5°13	26°32	27°39	4°26	n.a.	S 15
S 16	7 1 34	17° 4'07	10♌36	4°54	13° 1	29° 6	28°13	1°39	2° 2	0°14	5°11	26°22	27°36	4°33	n.a.	S 16
M17	7 5 30	18° 4'27	23°53	5°34	14°16	28°44	28°20	1°42	2° 5	0°12	5°10	26°16	27°33	4°40	n.a.	M17
T 18	7 9 27	19° 4'45	6♍45	6° 4	15°31	28°22	28°26	1°45	2° 9	0°11	5° 9	26°11	27°29	4°46	n.a.	T 18
W19	7 13 23	20° 5'01	19°16	6°25	16°46	27°59	28°33	1°49	2°12	0°10	5° 7	26°10	27°26	4°53	n.a.	W19
T 20	7 17 20	21° 5'15	1♎29	6°36	18° 1	27°36	28°39	1°51	2°15	0° 9	5° 6	26°D 9	27°23	5° 0	n.a.	T 20
F 21	7 21 16	22° 5'28	13°29	6°R37	19°16	27°13	28°45	1°54	2°19	0° 8	5° 4	26°10	27°20	5° 6	n.a.	F 21
S 22	7 25 13	23° 5'39	25°21	6°29	20°31	26°50	28°51	1°57	2°22	0° 7	5° 3	26°R10	27°17	5°13	n.a.	S 22
S 23	7 29 10	24° 5'48	7♏10	6°11	21°45	26°27	28°57	2° 0	2°26	0° 5	5° 2	26° 9	27°13	5°20	n.a.	S 23
M24	7 33 6	25° 5'56	19° 1	5°44	23° 0	26° 3	29° 3	2° 2	2°29	0° 4	5° 0	26° 6	27°10	5°27	n.a.	M24
T 25	7 37 3	26° 6'02	1♐ 0	5° 9	24°15	25°39	29° 9	2° 5	2°32	0° 3	4°59	26° 1	27° 7	5°33	n.a.	T 25
W26	7 40 59	27° 6'06	13°11	4°27	25°30	25°16	29°14	2° 7	2°36	0° 2	4°58	25°53	27° 4	5°40	n.a.	W26
T 27	7 44 56	28° 6'08	25°36	3°39	26°44	24°52	29°19	2°10	2°39	0° 0	4°56	25°43	27° 1	5°47	n.a.	T 27
F 28	7 48 52	29° 6'09	8♑18	2°45	27°59	24°28	29°24	2°12	2°43	29♌59	4°55	25°33	26°58	5°53	n.a.	F 28
S 29	7 52 49	0♒ 6'07	21°16	1°48	29°14	24° 5	29°29	2°14	2°46	29°58	4°54	25°23	26°54	6° 0	n.a.	S 29
S 30	7 56 45	1° 6'04	4♒30	0°48	0♒29	23°41	29°34	2°16	2°49	29°56	4°53	25°13	26°51	6° 7	n.a.	S 30
M31	8 0 42	2♒ 5'58	17♒59	29♑48	1♒43	23♋18	29♎39	2♏18	2♒53	29♌55	4♋51	25♍ 6	26♍48	6♏13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	18s24	4n50	24s41	1s34	24s17	0s35	23n43	4n 9	9s15	1n 7	9s51	2n11	20s51	0s41	12n59	1n36	31n32	7n51	0n48	0n39	9s55		n.a.
S 2	23 47	17 2	4 26	24 23	1 28	24 22	0 38	23 48	4 11	9 18	1 7	9 53	2 11	20 51	0 41	12 59	1 36	31 33	7 51	0 53	0 40	9 57		n.a.
M 3	23 45	14 46	3 48	24 3	1 21	24 26	0 40	23 54	4 13	9 21	1 7	9 54	2 11	20 50	0 41	12 59	1 36	31 33	7 51	0 57	0 42	9 59		n.a.
T 4	23 43	11 42	2 57	23 41	1 13	24 30	0 42	23 59	4 15	9 24	1 7	9 55	2 11	20 49	0 40	12 59	1 36	31 33	7 51	1 0	0 43	10 0		n.a.
W 5	23 41	7 59	1 55	23 17	1 5	24 32	0 44	24 4	4 17	9 27	1 7	9 57	2 11	20 49	0 40	13 0	1 36	31 33	7 51	1 1	0 44	10 2		n.a.
T 6	23 38	3 48	0 46	22 52	0 55	24 35	0 46	24 10	4 19	9 30	1 7	9 58	2 11	20 48	0 40	13 0	1 36	31 33	7 52	1 2	0 45	10 3		n.a.
F 7	23 34	0n38	0s27	22 25	0 45	24 36	0 48	24 16	4 21	9 33	1 7	9 59	2 12	20 47	0 40	13 0	1 36	31 33	7 52	1 2	0 47	10 5		n.a.
S 8	23 30	5 5	1 40	21 57	0 34	24 36	0 50	24 21	4 23	9 36	1 8	10 1	2 12	20 46	0 40	13 1	1 36	31 33	7 52	1 2	0 48	10 7		n.a.
S 9	23 26	9 19	2 47	21 28	0 22	24 36	0 52	24 27	4 25	9 38	1 8	10 2	2 12	20 46	0 40	13 1	1 36	31 34	7 52	1 3	0 49	10 8		n.a.
M10	23 21	13 4	3 44	20 58	0 9	24 35	0 53	24 33	4 26	9 41	1 8	10 3	2 12	20 45	0 40	13 2	1 36	31 34	7 52	1 4	0 51	10 10		n.a.
T 11	23 16	16 2	4 28	20 28	0n 4	24 33	0 55	24 39	4 28	9 44	1 8	10 4	2 12	20 44	0 40	13 2	1 36	31 34	7 52	1 7	0 52	10 11		n.a.
W12	23 10	17 59	4 54	19 58	0 19	24 31	0 57	24 45	4 30	9 46	1 8	10 5	2 12	20 43	0 40	13 2	1 36	31 34	7 52	1 10	0 53	10 13		n.a.
T 13	23 4	18 47	5 1	19 27	0 33	24 28	0 59	24 51	4 31	9 49	1 8	10 6	2 13	20 43	0 40	13 3	1 36	31 34	7 52	1 15	0 54	10 15		n.a.
F 14	22 57	18 22	4 50	18 58	0 49	24 23	1 0	24 57	4 32	9 51	1 8	10 7	2 13	20 42	0 40	13 3	1 36	31 34	7 52	1 20	0 56	10 16		n.a.
S 15	22 50	16 50	4 21	18 29	1 4	24 19	1 2	25 2	4 34	9 54	1 8	10 8	2 13	20 41	0 40	13 4	1 36	31 34	7 52	1 24	0 57	10 18		n.a.
S 16	22 42	14 22	3 37	18 2	1 21	24 13	1 4	25 8	4 35	9 56	1 9	10 9	2 13	20 40	0 40	13 4	1 36	31 34	7 52	1 28	0 58	10 19		n.a.
M17	22 34	11 13	2 43	17 37	1 37	24 7	1 5	25 14	4 36	9 59	1 9	10 10	2 13	20 40	0 40	13 4	1 37	31 34	7 52	1 31	1 0	10 21		n.a.
T 18	22 26	7 36	1 41	17 14	1 53	24 0	1 7	25 20	4 37	10 1	1 9	10 11	2 13	20 39	0 40	13 5	1 37	31 34	7 52	1 32	1 1	10 23		n.a.
W19	22 17	3 45	0 37	16 53	2 9	23 52	1 8	25 25	4 38	10 3	1 9	10 12	2 14	20 38	0 40	13 5	1 37	31 35	7 52	1 33	1 2	10 24		n.a.
T 20	22 8	0s10	0n28	16 35	2 25	23 44	1 9	25 31	4 39	10 5	1 9	10 13	2 14	20 37	0 40	13 6	1 37	31 35	7 52	1 33	1 3	10 26		n.a.
F 21	21 58	4 0	1 31	16 20	2 40	23 34	1 11	25 36	4 39	10 7	1 9	10 14	2 14	20 36	0 40	13 6	1 37	31 35	7 52	1 33	1 5	10 27		n.a.
S 22	21 48	7 38	2 29	16 8	2 54	23 24	1 12	25 41	4 40	10 10	1 9	10 15	2 14	20 36	0 40	13 7	1 37	31 35	7 52	1 33	1 6	10 29		n.a.
S 23	21 38	10 57	3 21	16 0	3 7	23 14	1 13	25 47	4 40	10 12	1 9	10 15	2 14	20 35	0 40	13 7	1 37	31 35	7 52	1 33	1 7	10 30		n.a.
M24	21 27	13 50	4 4	15 55	3 19	23 2	1 14	25 52	4 41	10 13	1 10	10 16	2 14	20 34	0 40	13 8	1 37	31 35	7 52	1 34	1 8	10 32		n.a.
T 25	21 16	16 10	4 37	15 53	3 30	22 50	1 15	25 56	4 41	10 15	1 10	10 17	2 15	20 33	0 40	13 8	1 37	31 35	7 52	1 37	1 10	10 34		n.a.
W26	21 4	17 49	4 57	15 55	3 38	22 38	1 16	26 1	4 41	10 17	1 10	10 18	2 15	20 33	0 40	13 9	1 37	31 35	7 52	1 40	1 11	10 35		n.a.
T 27	20 52	18 40	5 5	15 59	3 45	22 24	1 17	26 6	4 41	10 19	1 10	10 18	2 15	20 32	0 40	13 9	1 37	31 35	7 52	1 44	1 12	10 37		n.a.
F 28	20 39	18 36	4 57	16 7	3 50	22 10	1 18	26 10	4 41	10 21	1 10	10 19	2 15	20 31	0 40	13 10	1 37	31 35	7 52	1 48	1 14	10 38		n.a.
S 29	20 27	17 35	4 35	16 17	3 53	21 55	1 19	26 14	4 41	10 22	1 10	10 19	2 15	20 30	0 40	13 10	1 37	31 35	7 52	1 52	1 15	10 40		n.a.
S 30	20 14	15 36	3 57	16 29	3 54	21 40	1 20	26 18	4 41	10 24	1 10	10 20	2 16	20 29	0 40	13 11	1 37	31 35	7 52	1 56	1 16	10 42		n.a.
M31	20s 0	12s45	3n 5	16s44	3n52	21s24	1s21	26n22	4n40	10s25	1n11	10s20	2n16	20s29	0s40	13n11	1n37	31n35	7n52	1n59	1n17	10s43		n.a.

Julian Day Number = 1349233.5, Delta T = 07h08m49s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'35, Lahiri = -18°01'35 Julian Calendar 1 Jan. 1019 BCE == Greg. Calendar 22 Dec. 1020 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

FEBRUARY 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 38	3♒ 5'50	1♓39	28°R48	2♒58	22°R55	29♎43	2♏20	2♒56	29°R53	4°R50	25°R 1	26♍45	6♏20	n.a.	T 1
W 2	8 8 35	4° 5'40	15°28	27♉50	4°13	22♋32	29°48	2°22	3° 0	29♌52	4♋49	24♍59	26°42	6°27	n.a.	W 2
T 3	8 12 32	5° 5'27	29°25	26°55	5°27	22°10	29°52	2°23	3° 3	29°50	4°48	24°D58	26°39	6°33	n.a.	T 3
F 4	8 16 28	6° 5'12	13♈27	26° 4	6°42	21°48	29°56	2°25	3° 7	29°49	4°46	24°59	26°35	6°40	n.a.	F 4
S 5	8 20 25	7° 4'55	27°32	25°17	7°57	21°27	29°59	2°26	3°10	29°48	4°45	25° 0	26°32	6°47	n.a.	S 5
S 6	8 24 21	8° 4'35	11♉41	24°36	9°11	21° 5	0♏ 3	2°28	3°13	29°46	4°44	25°R 1	26°29	6°53	n.a.	S 6
M 7	8 28 18	9° 4'13	25°50	24° 1	10°26	20°45	0° 6	2°29	3°17	29°45	4°43	24°59	26°26	7° 0	n.a.	M 7
T 8	8 32 14	10° 3'48	9♊59	23°31	11°40	20°25	0° 9	2°30	3°20	29°43	4°42	24°56	26°23	7° 7	n.a.	T 8
W 9	8 36 11	11° 3'21	24° 5	23° 8	12°55	20° 5	0°12	2°31	3°24	29°41	4°41	24°51	26°19	7°13	n.a.	W 9
T 10	8 40 7	12° 2'52	8♋ 5	22°51	14° 9	19°46	0°15	2°32	3°27	29°40	4°40	24°45	26°16	7°20	n.a.	T 10
F 11	8 44 4	13° 2'20	21°54	22°41	15°24	19°28	0°18	2°33	3°30	29°38	4°39	24°38	26°13	7°27	n.a.	F 11
S 12	8 48 1	14° 1'46	5♌30	22°D36	16°38	19°10	0°21	2°34	3°34	29°37	4°38	24°31	26°10	7°33	n.a.	S 12
S 13	8 51 57	15° 1'10	18°51	22°37	17°53	18°53	0°23	2°34	3°37	29°35	4°36	24°25	26° 7	7°40	n.a.	S 13
M14	8 55 54	16° 0'31	1♍53	22°45	19° 7	18°37	0°25	2°35	3°41	29°34	4°35	24°21	26° 4	7°47	n.a.	M14
T 15	8 59 50	16°59'51	14°37	22°57	20°22	18°21	0°27	2°36	3°44	29°32	4°34	24°19	26° 0	7°53	n.a.	T 15
W16	9 3 47	17°59'08	27° 3	23°15	21°36	18° 6	0°29	2°36	3°47	29°30	4°33	24°D19	25°57	8° 0	n.a.	W16
T 17	9 7 43	18°58'23	9♎15	23°38	22°51	17°52	0°30	2°36	3°51	29°29	4°32	24°19	25°54	8° 7	n.a.	T 17
F 18	9 11 40	19°57'36	21°16	24° 5	24° 5	17°38	0°32	2°36	3°54	29°27	4°32	24°21	25°51	8°13	n.a.	F 18
S 19	9 15 36	20°56'48	3♏ 9	24°37	25°19	17°25	0°33	2°R36	3°57	29°26	4°31	24°23	25°48	8°20	n.a.	S 19
S 20	9 19 33	21°55'57	14°59	25°14	26°34	17°13	0°34	2°36	4° 1	29°24	4°30	24°24	25°45	8°27	n.a.	S 20
M21	9 23 29	22°55'05	26°52	25°54	27°48	17° 2	0°35	2°36	4° 4	29°22	4°29	24°R24	25°41	8°34	n.a.	M21
T 22	9 27 26	23°54'10	8♐53	26°38	29° 2	16°51	0°35	2°36	4° 7	29°21	4°28	24°23	25°38	8°40	n.a.	T 22
W23	9 31 23	24°53'14	21° 5	27°25	0♓17	16°41	0°36	2°36	4°10	29°19	4°27	24°21	25°35	8°47	n.a.	W23
T 24	9 35 19	25°52'16	3♑33	28°16	1°31	16°32	0°36	2°35	4°14	29°17	4°26	24°17	25°32	8°54	n.a.	T 24
F 25	9 39 16	26°51'16	16°20	29°10	2°45	16°24	0°R36	2°35	4°17	29°16	4°26	24°13	25°29	9° 0	n.a.	F 25
S 26	9 43 12	27°50'14	29°28	0♒ 7	4° 0	16°17	0°36	2°34	4°20	29°14	4°25	24° 9	25°25	9° 7	n.a.	S 26
S 27	9 47 9	28°49'10	12♒57	1° 6	5°14	16°10	0°36	2°34	4°23	29°13	4°24	24° 5	25°22	9°14	n.a.	S 27
M28	9 51 5	29♒48'03	26♒45	2♒ 9	6♓28	16♋ 4	0♏35	2♏33	4♒27	29♌11	4♋23	24♍ 2	25♍19	9♏20	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s46	9s 9	2n 2	16s59	3n49	21s 7	1s22	26n25	4n40	10s27	1n11	10s21	2n16	20s28	0s40	13n12	1n37	31n35	7n52	2n 1	1n19	10s45		n.a.
W 2	19 32	5 2	0 51	17 16	3 43	20 50	1 22	26 29	4 39	10 28	1 11	10 21	2 16	20 27	0 40	13 12	1 37	31 35	7 52	2 1	1 20	10 46		n.a.
T 3	19 18	0 36	0s24	17 34	3 36	20 32	1 23	26 32	4 38	10 30	1 11	10 22	2 16	20 26	0 40	13 13	1 37	31 35	7 52	2 2	1 21	10 48		n.a.
F 4	19 3	3n53	1 38	17 52	3 28	20 14	1 23	26 35	4 37	10 31	1 11	10 22	2 16	20 25	0 40	13 14	1 37	31 35	7 52	2 1	1 23	10 49		n.a.
S 5	18 47	8 10	2 47	18 10	3 18	19 55	1 24	26 37	4 36	10 32	1 11	10 22	2 17	20 25	0 40	13 14	1 37	31 35	7 52	2 1	1 24	10 51		n.a.
S 6	18 32	12 0	3 45	18 29	3 6	19 35	1 24	26 40	4 35	10 33	1 11	10 23	2 17	20 24	0 40	13 15	1 37	31 35	7 52	2 1	1 25	10 52		n.a.
M 7	18 16	15 9	4 30	18 47	2 54	19 15	1 24	26 42	4 34	10 34	1 12	10 23	2 17	20 23	0 40	13 15	1 37	31 35	7 52	2 1	1 26	10 54		n.a.
T 8	18 0	17 23	4 58	19 5	2 42	18 55	1 25	26 44	4 33	10 35	1 12	10 23	2 17	20 22	0 40	13 16	1 37	31 35	7 52	2 3	1 28	10 56		n.a.
W 9	17 44	18 32	5 9	19 22	2 28	18 33	1 25	26 45	4 31	10 36	1 12	10 23	2 17	20 21	0 40	13 16	1 37	31 35	7 52	2 5	1 29	10 57		n.a.
T 10	17 27	18 34	5 1	19 38	2 15	18 12	1 25	26 47	4 30	10 37	1 12	10 24	2 18	20 21	0 40	13 17	1 37	31 35	7 52	2 7	1 30	10 59		n.a.
F 11	17 10	17 29	4 35	19 54	2 1	17 49	1 25	26 48	4 29	10 38	1 12	10 24	2 18	20 20	0 40	13 18	1 37	31 35	7 52	2 10	1 32	11 0		n.a.
S 12	16 53	15 25	3 54	20 8	1 47	17 27	1 25	26 49	4 27	10 39	1 12	10 24	2 18	20 19	0 40	13 18	1 37	31 35	7 52	2 13	1 33	11 2		n.a.
S 13	16 35	12 33	3 1	20 22	1 32	17 4	1 25	26 50	4 25	10 39	1 12	10 24	2 18	20 18	0 40	13 19	1 37	31 35	7 51	2 15	1 34	11 3		n.a.
M14	16 17	9 7	1 59	20 34	1 19	16 40	1 25	26 51	4 24	10 40	1 12	10 24	2 18	20 17	0 40	13 19	1 38	31 35	7 51	2 17	1 35	11 5		n.a.
T 15	15 59	5 21	0 53	20 46	1 5	16 16	1 25	26 51	4 22	10 41	1 13	10 24	2 19	20 17	0 40	13 20	1 38	31 35	7 51	2 18	1 37	11 6		n.a.
W16	15 41	1 25	0n15	20 56	0 51	15 51	1 25	26 52	4 20	10 41	1 13	10 24	2 19	20 16	0 40	13 21	1 38	31 35	7 51	2 18	1 38	11 8		n.a.
T 17	15 22	2s29	1 21	21 5	0 38	15 26	1 24	26 52	4 18	10 41	1 13	10 24	2 19	20 15	0 40	13 21	1 38	31 35	7 51	2 17	1 39	11 9		n.a.
F 18	15 3	6 14	2 22	21 13	0 25	15 1	1 24	26 52	4 16	10 42	1 13	10 24	2 19	20 14	0 41	13 22	1 38	31 35	7 51	2 17	1 41	11 11		n.a.
S 19	14 44	9 41	3 16	21 20	0 13	14 35	1 24	26 52	4 14	10 42	1 13	10 23	2 19	20 13	0 41	13 22	1 38	31 35	7 51	2 16	1 42	11 13		n.a.
S 20	14 25	12 44	4 2	21 25	0 0	14 9	1 23	26 51	4 12	10 42	1 13	10 23	2 19	20 13	0 41	13 23	1 38	31 35	7 51	2 15	1 43	11 14		n.a.
M21	14 5	15 15	4 38	21 29	0s11	13 43	1 22	26 51	4 10	10 43	1 13	10 23	2 20	20 12	0 41	13 23	1 38	31 35	7 51	2 15	1 44	11 16		n.a.
T 22	13 46	17 9	5 2	21 32	0 23	13 16	1 22	26 50	4 8	10 43	1 14	10 23	2 20	20 11	0 41	13 24	1 38	31 35	7 51	2 16	1 46	11 17		n.a.
W23	13 26	18 18	5 13	21 33	0 33	12 49	1 21	26 49	4 6	10 43	1 14	10 23	2 20	20 10	0 41	13 25	1 38	31 35	7 51	2 17	1 47	11 19		n.a.
T 24	13 6	18 37	5 9	21 33	0 44	12 21	1 20	26 48	4 4	10 43	1 14	10 22	2 20	20 10	0 41	13 25	1 38	31 35	7 51	2 18	1 48	11 20		n.a.
F 25	12 45	18 0	4 50	21 31	0 54	11 53	1 20	26 47	4 1	10 43	1 14	10 22	2 20	20 9	0 41	13 26	1 38	31 34	7 50	2 20	1 49	11 22		n.a.
S 26	12 25	16 24	4 16	21 28	1 3	11 25	1 19	26 45	3 59	10 42	1 14	10 21	2 21	20 8	0 41	13 26	1 38	31 34	7 50	2 22	1 51	11 23		n.a.
S 27	12 4	13 53	3 27	21 23	1 12	10 57	1 18	26 44	3 57	10 42	1 14	10 21	2 21	20 7	0 41	13 27	1 38	31 34	7 50	2 23	1 52	11 25		n.a.
M28	11s43	10s32	2n24	21s17	1s20	10s28	1s17	26n43	3n55	10s42	1n14	10s21	2n21	20s 6	0s41	13n28	1n38	31n34	7n50	2n24	1n53	11s26		n.a.

Julian Day Number = 1349264.5, Delta T = 07h08m47s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'31, Lahiri = -18°01'31 Julian Calendar 1 Feb. 1019 BCE == Greg. Calendar 22 Jan. 1019 BCE

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

MARCH 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 55 2	0♓46'55	10♓50	3♒14	7♓42	15°R59	0°R35	2°R32	4♒30	29°R 9	4°R23	24°R 0	25♍16	9♏27	n.a.	T 1
W 2	9 58 58	1°45'44	25° 6	4°21	8°57	15♋55	0♏34	2♏31	4°33	29♌ 8	4♋22	24°D 0	25°13	9°34	n.a.	W 2
T 3	10 2 55	2°44'31	9♈30	5°31	10°11	15°52	0°33	2°30	4°36	29° 6	4°21	24♍ 0	25°10	9°40	n.a.	T 3
F 4	10 6 51	3°43'16	23°56	6°43	11°25	15°49	0°32	2°29	4°39	29° 4	4°21	24° 1	25° 6	9°47	n.a.	F 4
S 5	10 10 48	4°41'59	8♉20	7°58	12°39	15°47	0°30	2°27	4°42	29° 3	4°20	24° 3	25° 3	9°54	n.a.	S 5
S 6	10 14 45	5°40'39	22°39	9°14	13°53	15°46	0°29	2°26	4°45	29° 1	4°20	24° 4	25° 0	10° 0	n.a.	S 6
M 7	10 18 41	6°39'17	6♊49	10°33	15° 7	15°D46	0°27	2°25	4°48	28°59	4°19	24°R 4	24°57	10° 7	n.a.	M 7
T 8	10 22 38	7°37'52	20°50	11°53	16°21	15°46	0°25	2°23	4°51	28°58	4°18	24° 4	24°54	10°14	n.a.	T 8
W 9	10 26 34	8°36'25	4♋39	13°15	17°35	15°47	0°23	2°21	4°54	28°56	4°18	24° 2	24°51	10°20	n.a.	W 9
T 10	10 30 31	9°34'56	18°15	14°40	18°49	15°49	0°20	2°20	4°57	28°55	4°18	24° 1	24°47	10°27	n.a.	T 10
F 11	10 34 27	10°33'25	1♌39	16° 6	20° 3	15°52	0°18	2°18	5° 0	28°53	4°17	23°59	24°44	10°34	n.a.	F 11
S 12	10 38 24	11°31'51	14°49	17°34	21°17	15°55	0°15	2°16	5° 3	28°51	4°17	23°57	24°41	10°41	n.a.	S 12
S 13	10 42 20	12°30'15	27°45	19° 3	22°31	15°59	0°12	2°14	5° 6	28°50	4°16	23°56	24°38	10°47	n.a.	S 13
M14	10 46 17	13°28'37	10♍27	20°35	23°45	16° 4	0° 9	2°12	5° 9	28°48	4°16	23°55	24°35	10°54	n.a.	M14
T 15	10 50 14	14°26'57	22°56	22° 8	24°59	16° 9	0° 6	2°10	5°12	28°47	4°16	23°D55	24°31	11° 1	n.a.	T 15
W16	10 54 10	15°25'15	5♎13	23°43	26°13	16°15	0° 3	2° 7	5°15	28°45	4°15	23°55	24°28	11° 7	n.a.	W16
T 17	10 58 7	16°23'31	17°19	25°20	27°27	16°22	29♎59	2° 5	5°17	28°43	4°15	23°55	24°25	11°14	n.a.	T 17
F 18	11 2 3	17°21'46	29°17	26°58	28°41	16°30	29°55	2° 3	5°20	28°42	4°15	23°56	24°22	11°21	n.a.	F 18
S 19	11 6 0	18°19'58	11♏ 9	28°38	29°55	16°38	29°51	2° 0	5°23	28°40	4°14	23°57	24°19	11°27	n.a.	S 19
S 20	11 9 56	19°18'09	23° 0	0♓20	1♈ 8	16°46	29°47	1°58	5°25	28°39	4°14	23°57	24°16	11°34	n.a.	S 20
M21	11 13 53	20°16'19	4♐53	2° 4	2°22	16°55	29°43	1°55	5°28	28°37	4°14	23°58	24°12	11°41	n.a.	M21
T 22	11 17 49	21°14'27	16°53	3°49	3°36	17° 5	29°39	1°52	5°31	28°36	4°14	23°R58	24° 9	11°47	n.a.	T 22
W23	11 21 46	22°12'33	29° 4	5°37	4°50	17°16	29°34	1°49	5°33	28°34	4°14	23°58	24° 6	11°54	n.a.	W23
T 24	11 25 42	23°10'38	11♑31	7°26	6° 3	17°27	29°29	1°47	5°36	28°33	4°14	23°58	24° 3	12° 1	n.a.	T 24
F 25	11 29 39	24° 8'41	24°18	9°16	7°17	17°38	29°25	1°44	5°39	28°31	4°14	23°D58	24° 0	12° 7	n.a.	F 25
S 26	11 33 36	25° 6'43	7♒27	11° 9	8°31	17°50	29°20	1°41	5°41	28°30	4°14	23°58	23°56	12°14	n.a.	S 26
S 27	11 37 32	26° 4'43	21° 0	13° 3	9°45	18° 3	29°14	1°38	5°43	28°29	4°D14	23°58	23°53	12°21	n.a.	S 27
M28	11 41 29	27° 2'41	4♓58	14°59	10°58	18°16	29° 9	1°34	5°46	28°27	4°14	23°58	23°50	12°28	n.a.	M28
T 29	11 45 25	28° 0'38	19°18	16°57	12°12	18°30	29° 4	1°31	5°48	28°26	4°14	23°R58	23°47	12°34	n.a.	T 29
W30	11 49 22	28°58'33	3♈56	18°56	13°25	18°44	28°58	1°28	5°51	28°24	4°14	23°58	23°44	12°41	n.a.	W30
T 31	11 53 18	29♓56'27	18♈44	20♓57	14♈39	18♋59	28♎52	1♏24	5♒53	28♌23	4♋14	23♍58	23♍41	12♏48	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11s22	6s31	1n12	21s10	1s28	9s59	1s16	26n41	3n52	10s42	1n15	10s20	2n21	20s 6	0s41	13n28	1n38	31n34	7n50	2n25	1n55	11s28			n.a.
W 2	11 1	2 4	0s 6	21 1	1 35	9 30	1 15	26 39	3 50	10 41	1 15	10 20	2 21	20 5	0 41	13 29	1 38	31 34	7 50	2 25	1 56	11 29			n.a.
T 3	10 39	2n32	1 24	20 50	1 42	9 0	1 14	26 37	3 48	10 41	1 15	10 19	2 21	20 4	0 41	13 29	1 38	31 34	7 50	2 25	1 57	11 31			n.a.
F 4	10 18	6 59	2 38	20 38	1 49	8 30	1 12	26 35	3 45	10 40	1 15	10 19	2 22	20 3	0 41	13 30	1 38	31 34	7 50	2 25	1 58	11 32			n.a.
S 5	9 56	11 1	3 41	20 24	1 55	8 1	1 11	26 33	3 43	10 39	1 15	10 18	2 22	20 3	0 41	13 31	1 38	31 34	7 50	2 24	2 0	11 34			n.a.
S 6	9 34	14 22	4 30	20 9	2 0	7 30	1 10	26 31	3 40	10 39	1 15	10 17	2 22	20 2	0 41	13 31	1 38	31 34	7 49	2 24	2 1	11 35			n.a.
M 7	9 12	16 50	5 2	19 52	2 5	7 0	1 8	26 28	3 38	10 38	1 15	10 17	2 22	20 1	0 41	13 32	1 38	31 34	7 49	2 24	2 2	11 37			n.a.
T 8	8 50	18 15	5 15	19 34	2 9	6 30	1 7	26 26	3 36	10 37	1 15	10 16	2 22	20 1	0 41	13 32	1 38	31 33	7 49	2 24	2 4	11 38			n.a.
W 9	8 28	18 33	5 11	19 13	2 13	5 59	1 6	26 24	3 33	10 36	1 15	10 15	2 22	20 0	0 41	13 33	1 38	31 33	7 49	2 24	2 5	11 40			n.a.
T 10	8 6	17 47	4 48	18 52	2 16	5 28	1 4	26 21	3 31	10 35	1 16	10 15	2 23	19 59	0 41	13 34	1 38	31 33	7 49	2 25	2 6	11 41			n.a.
F 11	7 43	16 2	4 11	18 28	2 19	4 57	1 2	26 18	3 29	10 34	1 16	10 14	2 23	19 58	0 41	13 34	1 38	31 33	7 49	2 26	2 7	11 43			n.a.
S 12	7 21	13 28	3 20	18 3	2 22	4 26	1 1	26 16	3 26	10 33	1 16	10 13	2 23	19 58	0 41	13 35	1 38	31 33	7 49	2 26	2 9	11 44			n.a.
S 13	6 58	10 15	2 20	17 36	2 23	3 55	0 59	26 13	3 24	10 32	1 16	10 12	2 23	19 57	0 41	13 35	1 38	31 33	7 49	2 27	2 10	11 46			n.a.
M14	6 36	6 38	1 14	17 8	2 25	3 24	0 57	26 10	3 22	10 31	1 16	10 11	2 23	19 56	0 41	13 36	1 38	31 33	7 48	2 27	2 11	11 47			n.a.
T 15	6 13	2 46	0 5	16 38	2 25	2 52	0 56	26 7	3 19	10 30	1 16	10 10	2 23	19 56	0 41	13 36	1 38	31 33	7 48	2 27	2 12	11 49			n.a.
W16	5 50	1s 9	1n 2	16 6	2 25	2 21	0 54	26 4	3 17	10 29	1 16	10 9	2 23	19 55	0 41	13 37	1 38	31 33	7 48	2 27	2 14	11 50			n.a.
T 17	5 27	4 58	2 6	15 33	2 25	1 49	0 52	26 1	3 15	10 27	1 16	10 9	2 24	19 54	0 41	13 37	1 38	31 32	7 48	2 27	2 15	11 52			n.a.
F 18	5 4	8 32	3 4	14 58	2 24	1 18	0 50	25 57	3 12	10 26	1 16	10 8	2 24	19 54	0 41	13 38	1 38	31 32	7 48	2 27	2 16	11 53			n.a.
S 19	4 41	11 43	3 53	14 21	2 23	0 46	0 48	25 54	3 10	10 24	1 16	10 7	2 24	19 53	0 41	13 39	1 38	31 32	7 48	2 26	2 18	11 55			n.a.
S 20	4 18	14 25	4 32	13 43	2 21	0 15	0 46	25 51	3 8	10 23	1 17	10 6	2 24	19 52	0 41	13 39	1 38	31 32	7 48	2 26	2 19	11 56			n.a.
M21	3 55	16 32	5 0	13 3	2 18	0n17	0 44	25 47	3 6	10 21	1 17	10 4	2 24	19 52	0 41	13 40	1 38	31 32	7 47	2 26	2 20	11 58			n.a.
T 22	3 32	17 56	5 15	12 21	2 15	0 49	0 42	25 44	3 3	10 20	1 17	10 3	2 24	19 51	0 41	13 40	1 38	31 32	7 47	2 26	2 21	11 59			n.a.
W23	3 8	18 32	5 16	11 38	2 11	1 20	0 40	25 40	3 1	10 18	1 17	10 2	2 24	19 50	0 41	13 41	1 38	31 32	7 47	2 26	2 23	12 1			n.a.
T 24	2 45	18 17	5 3	10 53	2 7	1 52	0 38	25 37	2 59	10 16	1 17	10 1	2 25	19 50	0 41	13 41	1 38	31 32	7 47	2 26	2 24	12 2			n.a.
F 25	2 22	17 6	4 34	10 6	2 3	2 24	0 36	25 33	2 57	10 14	1 17	10 0	2 25	19 49	0 41	13 42	1 38	31 31	7 47	2 26	2 25	12 4			n.a.
S 26	1 58	14 59	3 51	9 18	1 57	2 55	0 33	25 29	2 54	10 13	1 17	9 59	2 25	19 49	0 41	13 42	1 38	31 31	7 47	2 26	2 27	12 5			n.a.
S 27	1 35	11 59	2 53	8 28	1 51	3 27	0 31	25 25	2 52	10 11	1 17	9 58	2 25	19 48	0 41	13 43	1 38	31 31	7 47	2 26	2 28	12 7			n.a.
M28	1 12	8 14	1 44	7 37	1 45	3 58	0 29	25 21	2 50	10 9	1 17	9 57	2 25	19 47	0 41	13 43	1 38	31 31	7 47	2 26	2 29	12 8			n.a.
T 29	0 48	3 54	0 26	6 44	1 38	4 29	0 26	25 17	2 48	10 7	1 17	9 55	2 25	19 47	0 41	13 44	1 38	31 31	7 46	2 26	2 30	12 10			n.a.
W30	0 25	0n45	0s55	5 50	1 31	5 1	0 24	25 13	2 46	10 5	1 17	9 54	2 25	19 46	0 41	13 44	1 38	31 31	7 46	2 26	2 32	12 11			n.a.
T 31	0s 1	5n24	2s13	4s55	1s23	5n32	0s22	25n 9	2n44	10s 3	1n17	9s53	2n25	19s46	0s41	13n44	1n38	31n31	7n46	2n26	2n33	12s13			n.a.

Julian Day Number = 1349292.5, Delta T = 07h08m46s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'27, Lahiri = -18°01'27 Julian Calendar 1 March 1019 BCE == Greg. Calendar 19 Feb. 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

APRIL 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 57 15	0♈54'18	3♉36	23♓ 0	15♈53	19♋14	28°R47	1°R21	5♒55	28°R22	4♋14	23°R57	23♍37	12♏54	n.a.	F 1
S 2	12 1 11	1°52'08	18°25	25° 4	17° 6	19°30	28♎41	1♏18	5°58	28♌20	4°14	23♍56	23°34	13° 1	n.a.	S 2
S 3	12 5 8	2°49'57	3♊ 3	27° 9	18°20	19°46	28°35	1°14	6° 0	28°19	4°14	23°56	23°31	13° 8	n.a.	S 3
M 4	12 9 4	3°47'43	17°25	29°16	19°33	20° 3	28°28	1°10	6° 2	28°18	4°15	23°55	23°28	13°14	n.a.	M 4
T 5	12 13 1	4°45'28	1♋28	1♈24	20°47	20°20	28°22	1° 7	6° 4	28°17	4°15	23°D55	23°25	13°21	n.a.	T 5
W 6	12 16 58	5°43'10	15°12	3°33	22° 0	20°38	28°16	1° 3	6° 6	28°15	4°15	23°55	23°22	13°28	n.a.	W 6
T 7	12 20 54	6°40'51	28°36	5°43	23°14	20°56	28° 9	0°59	6° 8	28°14	4°15	23°55	23°18	13°34	n.a.	T 7
F 8	12 24 51	7°38'30	11♌42	7°53	24°27	21°14	28° 2	0°55	6°10	28°13	4°16	23°56	23°15	13°41	n.a.	F 8
S 9	12 28 47	8°36'08	24°32	10° 4	25°40	21°33	27°56	0°52	6°12	28°12	4°16	23°58	23°12	13°48	n.a.	S 9
S 10	12 32 44	9°33'43	7♍ 8	12°15	26°54	21°53	27°49	0°48	6°14	28°11	4°16	23°59	23° 9	13°55	n.a.	S 10
M11	12 36 40	10°31'18	19°32	14°26	28° 7	22°12	27°42	0°44	6°16	28° 9	4°17	23°R59	23° 6	14° 1	n.a.	M11
T 12	12 40 37	11°28'50	1♎45	16°36	29°20	22°33	27°35	0°40	6°18	28° 8	4°17	23°59	23° 2	14° 8	n.a.	T 12
W13	12 44 33	12°26'22	13°50	18°45	0♉34	22°53	27°28	0°36	6°20	28° 7	4°18	23°58	22°59	14°15	n.a.	W13
T 14	12 48 30	13°23'52	25°49	20°54	1°47	23°14	27°21	0°32	6°22	28° 6	4°18	23°56	22°56	14°21	n.a.	T 14
F 15	12 52 27	14°21'21	7♏43	23° 1	3° 0	23°35	27°14	0°28	6°24	28° 5	4°19	23°53	22°53	14°28	n.a.	F 15
S 16	12 56 23	15°18'48	19°34	25° 6	4°13	23°57	27° 6	0°23	6°25	28° 4	4°19	23°50	22°50	14°35	n.a.	S 16
S 17	13 0 20	16°16'15	1♐25	27°10	5°27	24°19	26°59	0°19	6°27	28° 3	4°20	23°46	22°47	14°41	n.a.	S 17
M18	13 4 16	17°13'41	13°19	29°12	6°40	24°41	26°52	0°15	6°29	28° 2	4°20	23°43	22°43	14°48	n.a.	M18
T 19	13 8 13	18°11'05	25°19	1♑12	7°53	25° 4	26°44	0°11	6°30	28° 1	4°21	23°40	22°40	14°55	n.a.	T 19
W20	13 12 9	19° 8'29	7♑30	3°10	9° 6	25°27	26°37	0° 7	6°32	28° 0	4°22	23°39	22°37	15° 1	n.a.	W20
T 21	13 16 6	20° 5'52	19°54	5° 5	10°19	25°50	26°29	0° 2	6°33	28° 0	4°22	23°D38	22°34	15° 8	n.a.	T 21
F 22	13 20 2	21° 3'14	2♒36	6°58	11°32	26°14	26°22	29♎58	6°35	27°59	4°23	23°39	22°31	15°15	n.a.	F 22
S 23	13 23 59	22° 0'36	15°41	8°48	12°45	26°38	26°14	29°54	6°36	27°58	4°24	23°40	22°27	15°22	n.a.	S 23
S 24	13 27 56	22°57'56	29°11	10°35	13°58	27° 2	26° 6	29°49	6°37	27°57	4°24	23°41	22°24	15°28	n.a.	S 24
M25	13 31 52	23°55'16	13♓ 7	12°20	15°11	27°27	25°59	29°45	6°39	27°56	4°25	23°43	22°21	15°35	n.a.	M25
T 26	13 35 49	24°52'35	27°30	14° 2	16°24	27°52	25°51	29°41	6°40	27°56	4°26	23°R43	22°18	15°42	n.a.	T 26
W27	13 39 45	25°49'53	12♈16	15°41	17°37	28°17	25°44	29°36	6°41	27°55	4°27	23°42	22°15	15°48	n.a.	W27
T 28	13 43 42	26°47'11	27°19	17°17	18°50	28°43	25°36	29°32	6°42	27°54	4°28	23°39	22°12	15°55	n.a.	T 28
F 29	13 47 38	27°44'27	12♉29	18°51	20° 3	29° 8	25°28	29°27	6°43	27°54	4°29	23°35	22° 8	16° 2	n.a.	F 29
S 30	13 51 35	28♈41'43	27♉38	20♉22	21♉16	29♋35	25♎21	29♎23	6♒45	27♌53	4♋29	23♍30	22♍ 5	16♏ 8	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n22	9n44	3s23	3s58	1s15	6n 3	0s19	25n 4	2n42	10s 0	1n17	9s52	2n25	19s45	0s41	13n45	1n38	31n30	7n46	2n26	2n34	12s14		n.a.
S 2	0 45	13 27	4 18	3 0	1 6	6 34	0 17	25 0	2 40	9 58	1 17	9 50	2 25	19 45	0 41	13 45	1 38	31 30	7 46	2 27	2 35	12 16		n.a.
S 3	1 9	16 15	4 56	2 1	0 57	7 4	0 15	24 56	2 37	9 56	1 17	9 49	2 26	19 44	0 41	13 46	1 37	31 30	7 46	2 27	2 37	12 17		n.a.
M 4	1 32	17 59	5 15	1 1	0 48	7 35	0 12	24 51	2 35	9 54	1 17	9 48	2 26	19 44	0 42	13 46	1 37	31 30	7 46	2 27	2 38	12 19		n.a.
T 5	1 55	18 34	5 14	0 1	0 38	8 5	0 10	24 46	2 33	9 52	1 17	9 46	2 26	19 43	0 42	13 47	1 37	31 30	7 45	2 27	2 39	12 20		n.a.
W 6	2 18	18 2	4 55	1n 1	0 28	8 35	0 7	24 42	2 31	9 49	1 17	9 45	2 26	19 43	0 42	13 47	1 37	31 30	7 45	2 27	2 41	12 22		n.a.
T 7	2 42	16 30	4 21	2 2	0 17	9 5	0 5	24 37	2 29	9 47	1 17	9 43	2 26	19 42	0 42	13 47	1 37	31 29	7 45	2 27	2 42	12 23		n.a.
F 8	3 5	14 8	3 33	3 4	0 7	9 35	0 2	24 32	2 27	9 44	1 17	9 42	2 26	19 42	0 42	13 48	1 37	31 29	7 45	2 27	2 43	12 24		n.a.
S 9	3 28	11 6	2 36	4 6	0n 4	10 5	0n 0	24 27	2 26	9 42	1 17	9 41	2 26	19 41	0 42	13 48	1 37	31 29	7 45	2 26	2 44	12 26		n.a.
S 10	3 51	7 36	1 32	5 8	0 14	10 34	0 3	24 22	2 24	9 40	1 17	9 39	2 26	19 41	0 42	13 49	1 37	31 29	7 45	2 26	2 46	12 27		n.a.
M11	4 14	3 50	0 25	6 9	0 25	11 3	0 5	24 17	2 22	9 37	1 17	9 38	2 26	19 40	0 42	13 49	1 37	31 29	7 45	2 25	2 47	12 29		n.a.
T 12	4 37	0s 3	0n43	7 10	0 35	11 32	0 8	24 12	2 20	9 35	1 17	9 36	2 26	19 40	0 42	13 49	1 37	31 29	7 44	2 26	2 48	12 30		n.a.
W13	4 59	3 54	1 47	8 10	0 46	12 1	0 11	24 6	2 18	9 32	1 17	9 35	2 26	19 39	0 42	13 50	1 37	31 29	7 44	2 26	2 50	12 32		n.a.
T 14	5 22	7 33	2 47	9 8	0 56	12 29	0 13	24 1	2 16	9 29	1 17	9 33	2 26	19 39	0 42	13 50	1 37	31 28	7 44	2 27	2 51	12 33		n.a.
F 15	5 45	10 52	3 38	10 5	1 5	12 57	0 16	23 55	2 14	9 27	1 17	9 32	2 26	19 39	0 42	13 50	1 37	31 28	7 44	2 28	2 52	12 35		n.a.
S 16	6 7	13 44	4 20	11 1	1 14	13 25	0 18	23 50	2 12	9 24	1 17	9 30	2 26	19 38	0 42	13 51	1 37	31 28	7 44	2 29	2 53	12 36		n.a.
S 17	6 30	16 1	4 51	11 55	1 23	13 52	0 21	23 44	2 11	9 22	1 17	9 29	2 26	19 38	0 42	13 51	1 37	31 28	7 44	2 31	2 55	12 38		n.a.
M18	6 52	17 39	5 9	12 47	1 32	14 19	0 23	23 38	2 9	9 19	1 17	9 27	2 26	19 37	0 42	13 51	1 37	31 28	7 44	2 32	2 56	12 39		n.a.
T 19	7 14	18 30	5 14	13 37	1 39	14 46	0 26	23 32	2 7	9 16	1 17	9 26	2 26	19 37	0 42	13 52	1 37	31 28	7 43	2 33	2 57	12 40		n.a.
W20	7 36	18 31	5 5	14 25	1 46	15 12	0 28	23 26	2 5	9 14	1 17	9 24	2 26	19 37	0 42	13 52	1 37	31 27	7 43	2 34	2 58	12 42		n.a.
T 21	7 59	17 40	4 42	15 11	1 53	15 38	0 31	23 20	2 4	9 11	1 17	9 23	2 26	19 36	0 42	13 52	1 37	31 27	7 43	2 34	3 0	12 43		n.a.
F 22	8 20	15 55	4 5	15 55	1 59	16 4	0 34	23 14	2 2	9 8	1 17	9 21	2 26	19 36	0 42	13 52	1 37	31 27	7 43	2 34	3 1	12 45		n.a.
S 23	8 42	13 18	3 14	16 36	2 4	16 29	0 36	23 7	2 0	9 6	1 17	9 20	2 26	19 36	0 42	13 53	1 37	31 27	7 43	2 33	3 2	12 46		n.a.
S 24	9 4	9 54	2 11	17 15	2 8	16 54	0 39	23 1	1 58	9 3	1 17	9 18	2 26	19 35	0 42	13 53	1 37	31 27	7 43	2 33	3 4	12 48		n.a.
M25	9 25	5 51	0 58	17 52	2 12	17 18	0 41	22 54	1 57	9 0	1 16	9 17	2 26	19 35	0 42	13 53	1 37	31 27	7 43	2 32	3 5	12 49		n.a.
T 26	9 47	1 19	0s21	18 27	2 15	17 42	0 43	22 47	1 55	8 57	1 16	9 15	2 26	19 35	0 42	13 53	1 37	31 27	7 42	2 32	3 6	12 50		n.a.
W27	10 8	3n24	1 40	18 59	2 17	18 5	0 46	22 41	1 53	8 55	1 16	9 14	2 26	19 34	0 42	13 54	1 37	31 26	7 42	2 32	3 7	12 52		n.a.
T 28	10 29	7 59	2 53	19 28	2 19	18 28	0 48	22 34	1 52	8 52	1 16	9 12	2 26	19 34	0 42	13 54	1 37	31 26	7 42	2 34	3 9	12 53		n.a.
F 29	10 50	12 6	3 55	19 56	2 20	18 51	0 51	22 27	1 50	8 49	1 16	9 11	2 26	19 34	0 42	13 54	1 37	31 26	7 42	2 35	3 10	12 55		n.a.
S 30	11n11	15n23	4s40	20n21	2n20	19n13	0n53	22n19	1n48	8s47	1n16	9s 9	2n26	19s34	0s42	13n54	1n37	31n26	7n42	2n37	3n11	12s56		n.a.

Julian Day Number = 1349323.5, Delta T = 07h08m44s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'23, Lahiri = -18°01'23 Julian Calendar 1 Apr. 1019 BCE == Greg. Calendar 22 March 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

MAY 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 55 31	29♈38'58	12♊35	21♉49	22♉29	0♌ 1	25°R13	29°R19	6♒46	27°R52	4♋30	23°R25	22♍ 2	16♏15	n.a.	S 1
M 2	13 59 28	0♉36'12	27°13	23°14	23°42	0°28	25♎ 5	29♎14	6°47	27♌52	4°31	23♍21	21°59	16°22	n.a.	M 2
T 3	14 3 25	1°33'25	11♋27	24°36	24°55	0°55	24°58	29°10	6°48	27°51	4°32	23°18	21°56	16°28	n.a.	T 3
W 4	14 7 21	2°30'37	25°14	25°55	26° 7	1°22	24°50	29° 5	6°48	27°51	4°33	23°16	21°53	16°35	n.a.	W 4
T 5	14 11 18	3°27'47	8♌36	27°11	27°20	1°49	24°43	29° 1	6°49	27°50	4°34	23°D16	21°49	16°42	n.a.	T 5
F 6	14 15 14	4°24'57	21°34	28°24	28°33	2°17	24°35	28°57	6°50	27°50	4°35	23°17	21°46	16°49	n.a.	F 6
S 7	14 19 11	5°22'06	4♍13	29°33	29°46	2°45	24°28	28°52	6°51	27°49	4°36	23°19	21°43	16°55	n.a.	S 7
S 8	14 23 7	6°19'15	16°37	0♊39	0♊58	3°13	24°21	28°48	6°52	27°49	4°37	23°20	21°40	17° 2	n.a.	S 8
M 9	14 27 4	7°16'22	28°47	1°43	2°11	3°41	24°13	28°44	6°52	27°49	4°39	23°R20	21°37	17° 9	n.a.	M 9
T 10	14 31 0	8°13'29	10♎50	2°42	3°24	4°10	24° 6	28°39	6°53	27°48	4°40	23°18	21°33	17°15	n.a.	T 10
W11	14 34 57	9°10'35	22°46	3°38	4°36	4°39	23°59	28°35	6°53	27°48	4°41	23°14	21°30	17°22	n.a.	W11
T 12	14 38 54	10° 7'40	4♏39	4°31	5°49	5° 8	23°52	28°31	6°54	27°48	4°42	23° 9	21°27	17°29	n.a.	T 12
F 13	14 42 50	11° 4'46	16°30	5°20	7° 1	5°37	23°45	28°27	6°54	27°48	4°43	23° 1	21°24	17°35	n.a.	F 13
S 14	14 46 47	12° 1'51	28°21	6° 6	8°14	6° 7	23°38	28°22	6°55	27°47	4°44	22°52	21°21	17°42	n.a.	S 14
S 15	14 50 43	12°58'55	10♐15	6°47	9°26	6°37	23°31	28°18	6°55	27°47	4°46	22°43	21°18	17°49	n.a.	S 15
M16	14 54 40	13°56'00	22°12	7°25	10°39	7° 6	23°24	28°14	6°56	27°47	4°47	22°34	21°14	17°56	n.a.	M16
T 17	14 58 36	14°53'04	4♑16	7°58	11°51	7°37	23°18	28°10	6°56	27°47	4°48	22°26	21°11	18° 2	n.a.	T 17
W18	15 2 33	15°50'09	16°28	8°28	13° 3	8° 7	23°11	28° 6	6°56	27°47	4°49	22°21	21° 8	18° 9	n.a.	W18
T 19	15 6 29	16°47'13	28°53	8°53	14°16	8°38	23° 4	28° 2	6°56	27°47	4°51	22°17	21° 5	18°16	n.a.	T 19
F 20	15 10 26	17°44'18	11♒33	9°13	15°28	9° 8	22°58	27°58	6°56	27°D47	4°52	22°15	21° 2	18°22	n.a.	F 20
S 21	15 14 23	18°41'22	24°33	9°30	16°40	9°39	22°52	27°54	6°56	27°47	4°53	22°D15	20°58	18°29	n.a.	S 21
S 22	15 18 19	19°38'27	7♓55	9°41	17°53	10°10	22°46	27°50	6°R56	27°47	4°55	22°16	20°55	18°36	n.a.	S 22
M23	15 22 16	20°35'32	21°44	9°48	19° 5	10°42	22°40	27°46	6°56	27°47	4°56	22°R16	20°52	18°42	n.a.	M23
T 24	15 26 12	21°32'37	6♈ 0	9°R51	20°17	11°13	22°34	27°42	6°56	27°47	4°58	22°16	20°49	18°49	n.a.	T 24
W25	15 30 9	22°29'43	20°41	9°49	21°29	11°45	22°28	27°38	6°56	27°47	4°59	22°13	20°46	18°56	n.a.	W25
T 26	15 34 5	23°26'48	5♉43	9°42	22°42	12°17	22°22	27°35	6°56	27°48	5° 0	22° 8	20°43	19° 3	n.a.	T 26
F 27	15 38 2	24°23'54	20°57	9°31	23°54	12°49	22°17	27°31	6°56	27°48	5° 2	22° 0	20°39	19° 9	n.a.	F 27
S 28	15 41 59	25°21'00	6♊14	9°16	25° 6	13°21	22°11	27°27	6°56	27°48	5° 3	21°52	20°36	19°16	n.a.	S 28
S 29	15 45 55	26°18'07	21°22	8°56	26°18	13°54	22° 6	27°24	6°55	27°48	5° 5	21°42	20°33	19°23	n.a.	S 29
M30	15 49 52	27°15'13	6♋11	8°33	27°30	14°26	22° 1	27°20	6°55	27°49	5° 6	21°34	20°30	19°29	n.a.	M30
T 31	15 53 48	28♉12'19	20♋35	8♊ 5	28♊42	14♌59	21♎56	27♎17	6♒55	27♌49	5♋ 8	21♍27	20♍27	19♏36	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11n31	17n36	5s 6	20n44	2n19	19n34	0n55	22n12	1n47	8s44	1n16	9s 8	2n26	19s33	0s42	13n54	1n37	31n26	7n42	2n39	3n12	12s58			n.a.
M 2	11 52	18 37	5 11	21 5	2 17	19 55	0 58	22 5	1 45	8 41	1 16	9 6	2 26	19 33	0 43	13 55	1 37	31 26	7 42	2 41	3 14	12 59			n.a.
T 3	12 12	18 24	4 56	21 24	2 15	20 16	1 0	21 57	1 44	8 39	1 16	9 5	2 26	19 33	0 43	13 55	1 37	31 25	7 42	2 42	3 15	13 0			n.a.
W 4	12 32	17 5	4 24	21 40	2 12	20 36	1 2	21 50	1 42	8 36	1 15	9 3	2 26	19 33	0 43	13 55	1 36	31 25	7 42	2 43	3 16	13 2			n.a.
T 5	12 52	14 52	3 39	21 55	2 8	20 55	1 5	21 42	1 41	8 33	1 15	9 2	2 26	19 33	0 43	13 55	1 36	31 25	7 41	2 43	3 18	13 3			n.a.
F 6	13 11	11 57	2 44	22 7	2 4	21 14	1 7	21 34	1 39	8 31	1 15	9 0	2 26	19 33	0 43	13 55	1 36	31 25	7 41	2 42	3 19	13 5			n.a.
S 7	13 31	8 32	1 42	22 18	1 59	21 32	1 9	21 26	1 37	8 28	1 15	8 59	2 26	19 32	0 43	13 55	1 36	31 25	7 41	2 42	3 20	13 6			n.a.
S 8	13 50	4 48	0 36	22 26	1 53	21 50	1 11	21 18	1 36	8 25	1 15	8 57	2 26	19 32	0 43	13 55	1 36	31 25	7 41	2 41	3 21	13 7			n.a.
M 9	14 9	0 56	0n30	22 33	1 46	22 7	1 13	21 10	1 34	8 23	1 15	8 56	2 26	19 32	0 43	13 55	1 36	31 25	7 41	2 41	3 23	13 9			n.a.
T 10	14 28	2s55	1 33	22 38	1 38	22 23	1 15	21 1	1 33	8 20	1 14	8 54	2 25	19 32	0 43	13 55	1 36	31 24	7 41	2 42	3 24	13 10			n.a.
W11	14 47	6 38	2 32	22 41	1 30	22 39	1 17	20 53	1 31	8 18	1 14	8 53	2 25	19 32	0 43	13 56	1 36	31 24	7 41	2 43	3 25	13 12			n.a.
T 12	15 5	10 4	3 24	22 42	1 21	22 54	1 19	20 44	1 30	8 15	1 14	8 51	2 25	19 32	0 43	13 56	1 36	31 24	7 41	2 46	3 26	13 13			n.a.
F 13	15 23	13 5	4 7	22 42	1 12	23 9	1 21	20 35	1 29	8 13	1 14	8 50	2 25	19 32	0 43	13 56	1 36	31 24	7 41	2 49	3 28	13 14			n.a.
S 14	15 41	15 34	4 39	22 40	1 1	23 23	1 23	20 27	1 27	8 10	1 14	8 48	2 25	19 32	0 43	13 56	1 36	31 24	7 40	2 52	3 29	13 16			n.a.
S 15	15 59	17 24	4 59	22 36	0 50	23 36	1 24	20 18	1 26	8 8	1 14	8 47	2 25	19 32	0 43	13 56	1 36	31 24	7 40	2 56	3 30	13 17			n.a.
M16	16 16	18 29	5 6	22 31	0 39	23 49	1 26	20 8	1 24	8 6	1 13	8 46	2 25	19 32	0 43	13 56	1 36	31 23	7 40	3 0	3 32	13 19			n.a.
T 17	16 33	18 45	5 0	22 25	0 26	24 1	1 28	19 59	1 23	8 3	1 13	8 44	2 25	19 31	0 43	13 56	1 36	31 23	7 40	3 3	3 33	13 20			n.a.
W18	16 50	18 9	4 40	22 17	0 13	24 12	1 30	19 50	1 21	8 1	1 13	8 43	2 25	19 31	0 43	13 56	1 36	31 23	7 40	3 5	3 34	13 21			n.a.
T 19	17 7	16 41	4 6	22 8	0 0	24 23	1 31	19 40	1 20	7 59	1 13	8 42	2 24	19 31	0 43	13 56	1 36	31 23	7 40	3 7	3 35	13 23			n.a.
F 20	17 23	14 23	3 20	21 57	0s14	24 32	1 33	19 31	1 19	7 57	1 12	8 40	2 24	19 31	0 43	13 56	1 36	31 23	7 40	3 7	3 37	13 24			n.a.
S 21	17 39	11 18	2 23	21 45	0 28	24 42	1 34	19 21	1 17	7 55	1 12	8 39	2 24	19 31	0 43	13 56	1 36	31 23	7 40	3 7	3 38	13 26			n.a.
S 22	17 55	7 33	1 16	21 32	0 43	24 50	1 35	19 11	1 16	7 53	1 12	8 38	2 24	19 31	0 43	13 55	1 36	31 23	7 40	3 7	3 39	13 27			n.a.
M23	18 11	3 17	0 3	21 18	0 59	24 58	1 37	19 1	1 15	7 50	1 12	8 36	2 24	19 32	0 43	13 55	1 36	31 23	7 40	3 7	3 40	13 28			n.a.
T 24	18 26	1n18	1s13	21 3	1 14	25 5	1 38	18 51	1 13	7 48	1 12	8 35	2 24	19 32	0 43	13 55	1 36	31 22	7 40	3 7	3 42	13 30			n.a.
W25	18 41	5 57	2 26	20 47	1 30	25 11	1 39	18 41	1 12	7 47	1 11	8 34	2 24	19 32	0 43	13 55	1 36	31 22	7 40	3 8	3 43	13 31			n.a.
T 26	18 56	10 20	3 30	20 30	1 46	25 17	1 40	18 30	1 11	7 45	1 11	8 33	2 23	19 32	0 43	13 55	1 36	31 22	7 39	3 10	3 44	13 32			n.a.
F 27	19 10	14 5	4 21	20 13	2 2	25 22	1 41	18 20	1 9	7 43	1 11	8 32	2 23	19 32	0 44	13 55	1 35	31 22	7 39	3 13	3 46	13 34			n.a.
S 28	19 24	16 53	4 53	19 55	2 18	25 26	1 42	18 9	1 8	7 41	1 11	8 30	2 23	19 32	0 44	13 55	1 35	31 22	7 39	3 17	3 47	13 35			n.a.
S 29	19 38	18 29	5 4	19 37	2 33	25 29	1 43	17 59	1 7	7 39	1 10	8 29	2 23	19 32	0 44	13 55	1 35	31 22	7 39	3 20	3 48	13 37			n.a.
M30	19 51	18 46	4 54	19 18	2 48	25 32	1 44	17 48	1 5	7 38	1 10	8 28	2 23	19 32	0 44	13 55	1 35	31 22	7 39	3 24	3 49	13 38			n.a.
T 31	20n 4	17n50	4s26	18n59	3s 3	25n33	1n45	17n37	1n 4	7s36	1n10	8s27	2n23	19s32	0s44	13n54	1n35	31n22	7n39	3n27	3n51	13s39			n.a.

Julian Day Number = 1349353.5, Delta T = 07h08m43s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'19, Lahiri = -18°01'19 Julian Calendar 1 May 1019 BCE == Greg. Calendar 21 Apr. 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

JUNE 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 57 45	29♉ 9'25	4♌30	7°R35	29♊54	15♌32	21°R51	27°R13	6°R54	27♌49	5♋ 9	21°R22	20♍24	19♏43	n.a.	W 1
T 2	16 1 41	0♊ 6'32	17°55	7♊ 2	1♋ 6	16° 5	21♎47	27♎10	6♒54	27°50	5°11	21♍20	20°20	19°50	n.a.	T 2
F 3	16 5 38	1° 3'38	0♍54	6°26	2°18	16°38	21°42	27° 7	6°53	27°50	5°12	21°D19	20°17	19°56	n.a.	F 3
S 4	16 9 34	2° 0'44	13°30	5°49	3°29	17°12	21°38	27° 3	6°53	27°51	5°14	21°20	20°14	20° 3	n.a.	S 4
S 5	16 13 31	2°57'50	25°49	5°10	4°41	17°45	21°34	27° 0	6°52	27°51	5°16	21°R20	20°11	20°10	n.a.	S 5
M 6	16 17 28	3°54'57	7♎54	4°31	5°53	18°19	21°30	26°57	6°51	27°52	5°17	21°19	20° 8	20°16	n.a.	M 6
T 7	16 21 24	4°52'03	19°50	3°53	7° 5	18°53	21°26	26°54	6°51	27°52	5°19	21°15	20° 4	20°23	n.a.	T 7
W 8	16 25 21	5°49'10	1♏42	3°15	8°16	19°27	21°22	26°51	6°50	27°53	5°20	21° 9	20° 1	20°30	n.a.	W 8
T 9	16 29 17	6°46'18	13°32	2°38	9°28	20° 1	21°19	26°48	6°49	27°54	5°22	21° 1	19°58	20°36	n.a.	T 9
F 10	16 33 14	7°43'26	25°23	2° 4	10°40	20°36	21°16	26°46	6°48	27°54	5°24	20°50	19°55	20°43	n.a.	F 10
S 11	16 37 10	8°40'34	7♐18	1°33	11°51	21°10	21°12	26°43	6°47	27°55	5°25	20°37	19°52	20°50	n.a.	S 11
S 12	16 41 7	9°37'43	19°17	1° 5	13° 3	21°45	21° 9	26°40	6°46	27°56	5°27	20°24	19°49	20°57	n.a.	S 12
M13	16 45 4	10°34'53	1♑22	0°41	14°14	22°20	21° 7	26°38	6°45	27°56	5°29	20°11	19°45	21° 3	n.a.	M13
T 14	16 49 0	11°32'04	13°33	0°21	15°25	22°55	21° 4	26°35	6°44	27°57	5°31	20° 0	19°42	21°10	n.a.	T 14
W15	16 52 57	12°29'15	25°54	0° 7	16°37	23°30	21° 1	26°33	6°43	27°58	5°32	19°50	19°39	21°17	n.a.	W15
T 16	16 56 53	13°26'27	8♒25	29♉57	17°48	24° 5	20°59	26°31	6°42	27°59	5°34	19°44	19°36	21°23	n.a.	T 16
F 17	17 0 50	14°23'40	21° 9	29°D53	18°59	24°40	20°57	26°28	6°41	28° 0	5°36	19°40	19°33	21°30	n.a.	F 17
S 18	17 4 46	15°20'55	4♓ 9	29°54	20°11	25°16	20°55	26°26	6°40	28° 1	5°37	19°39	19°30	21°37	n.a.	S 18
S 19	17 8 43	16°18'10	17°28	0♊ 2	21°22	25°52	20°53	26°24	6°39	28° 2	5°39	19°39	19°26	21°44	n.a.	S 19
M20	17 12 39	17°15'27	1♈ 9	0°15	22°33	26°27	20°52	26°22	6°37	28° 3	5°41	19°39	19°23	21°50	n.a.	M20
T 21	17 16 36	18°12'45	15°14	0°34	23°44	27° 3	20°50	26°20	6°36	28° 4	5°43	19°37	19°20	21°57	n.a.	T 21
W22	17 20 33	19°10'04	29°42	0°59	24°55	27°39	20°49	26°18	6°35	28° 5	5°44	19°34	19°17	22° 4	n.a.	W22
T 23	17 24 29	20° 7'24	14♉31	1°31	26° 6	28°15	20°48	26°17	6°33	28° 6	5°46	19°28	19°14	22°10	n.a.	T 23
F 24	17 28 26	21° 4'45	29°34	2° 9	27°17	28°52	20°47	26°15	6°32	28° 7	5°48	19°19	19°10	22°17	n.a.	F 24
S 25	17 32 22	22° 2'08	14♊42	2°52	28°28	29°28	20°47	26°13	6°30	28° 8	5°50	19° 8	19° 7	22°24	n.a.	S 25
S 26	17 36 19	22°59'32	29°46	3°42	29°39	0♍ 5	20°46	26°12	6°29	28° 9	5°52	18°57	19° 4	22°30	n.a.	S 26
M27	17 40 15	23°56'57	14♋36	4°37	0♌49	0°41	20°46	26°11	6°27	28°10	5°53	18°47	19° 1	22°37	n.a.	M27
T 28	17 44 12	24°54'23	29° 2	5°38	2° 0	1°18	20°D46	26° 9	6°26	28°11	5°55	18°39	18°58	22°44	n.a.	T 28
W29	17 48 8	25°51'50	13♌ 1	6°45	3°11	1°55	20°46	26° 8	6°24	28°13	5°57	18°32	18°55	22°51	n.a.	W29
T 30	17 52 5	26♊49'17	26♌31	7♊58	4♌21	2♍32	20♎46	26♎ 7	6♒22	28♌14	5♋59	18♍29	18♍51	22♏57	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n17	15n50	3s42	18n41	3s17	25n35	1n46	17n26	1n 3	7s34	1n10	8s26	2n22	19s32	0s44	13n54	1n35	31n21	7n39	3n28	3n52	13s41		n.a.
T 2	20 29	13 2	2 48	18 22	3 30	25 35	1 46	17 14	1 2	7 33	1 9	8 25	2 22	19 33	0 44	13 54	1 35	31 21	7 39	3 29	3 53	13 42		n.a.
F 3	20 42	9 40	1 46	18 4	3 42	25 34	1 47	17 3	1 0	7 31	1 9	8 24	2 22	19 33	0 44	13 54	1 35	31 21	7 39	3 30	3 54	13 43		n.a.
S 4	20 53	5 57	0 42	17 47	3 53	25 33	1 47	16 52	0 59	7 30	1 9	8 23	2 22	19 33	0 44	13 54	1 35	31 21	7 39	3 29	3 56	13 45		n.a.
S 5	21 5	2 3	0n24	17 31	4 3	25 31	1 48	16 40	0 58	7 29	1 9	8 22	2 22	19 33	0 44	13 53	1 35	31 21	7 39	3 29	3 57	13 46		n.a.
M 6	21 16	1s51	1 27	17 16	4 11	25 29	1 48	16 28	0 57	7 27	1 8	8 21	2 21	19 33	0 44	13 53	1 35	31 21	7 39	3 30	3 58	13 47		n.a.
T 7	21 26	5 38	2 25	17 2	4 18	25 25	1 48	16 16	0 55	7 26	1 8	8 20	2 21	19 34	0 44	13 53	1 35	31 21	7 39	3 31	3 59	13 49		n.a.
W 8	21 37	9 11	3 17	16 49	4 24	25 21	1 48	16 4	0 54	7 25	1 8	8 19	2 21	19 34	0 44	13 53	1 35	31 21	7 39	3 34	4 1	13 50		n.a.
T 9	21 47	12 21	3 59	16 38	4 28	25 16	1 49	15 52	0 53	7 24	1 7	8 18	2 21	19 34	0 44	13 52	1 35	31 21	7 39	3 37	4 2	13 51		n.a.
F 10	21 56	15 1	4 32	16 29	4 30	25 11	1 49	15 40	0 52	7 23	1 7	8 18	2 21	19 34	0 44	13 52	1 35	31 20	7 39	3 41	4 3	13 53		n.a.
S 11	22 6	17 4	4 52	16 23	4 31	25 5	1 48	15 28	0 51	7 22	1 7	8 17	2 20	19 35	0 44	13 52	1 35	31 20	7 39	3 46	4 5	13 54		n.a.
S 12	22 14	18 23	5 0	16 18	4 30	24 58	1 48	15 15	0 49	7 21	1 7	8 16	2 20	19 35	0 44	13 52	1 35	31 20	7 39	3 52	4 6	13 55		n.a.
M13	22 23	18 54	4 55	16 15	4 27	24 50	1 48	15 3	0 48	7 20	1 6	8 15	2 20	19 35	0 44	13 51	1 35	31 20	7 39	3 57	4 7	13 57		n.a.
T 14	22 31	18 32	4 36	16 15	4 24	24 41	1 48	14 50	0 47	7 20	1 6	8 15	2 20	19 35	0 44	13 51	1 35	31 20	7 39	4 1	4 8	13 58		n.a.
W15	22 39	17 19	4 4	16 17	4 18	24 32	1 47	14 37	0 46	7 19	1 6	8 14	2 20	19 36	0 44	13 51	1 35	31 20	7 39	4 5	4 10	13 59		n.a.
T 16	22 46	15 14	3 19	16 22	4 12	24 22	1 47	14 24	0 45	7 18	1 6	8 13	2 19	19 36	0 44	13 50	1 35	31 20	7 39	4 8	4 11	14 1		n.a.
F 17	22 53	12 24	2 25	16 28	4 4	24 12	1 46	14 11	0 43	7 18	1 5	8 13	2 19	19 36	0 44	13 50	1 35	31 20	7 39	4 9	4 12	14 2		n.a.
S 18	23 0	8 53	1 21	16 37	3 55	24 0	1 45	13 58	0 42	7 17	1 5	8 12	2 19	19 37	0 44	13 49	1 35	31 20	7 39	4 10	4 13	14 3		n.a.
S 19	23 6	4 51	0 12	16 49	3 45	23 49	1 45	13 45	0 41	7 17	1 5	8 12	2 19	19 37	0 44	13 49	1 34	31 20	7 39	4 10	4 15	14 5		n.a.
M20	23 12	0 27	1s 0	17 2	3 34	23 36	1 44	13 31	0 40	7 17	1 4	8 11	2 18	19 37	0 44	13 49	1 34	31 20	7 39	4 10	4 16	14 6		n.a.
T 21	23 17	4n 5	2 11	17 17	3 22	23 23	1 43	13 18	0 39	7 16	1 4	8 11	2 18	19 38	0 44	13 48	1 34	31 20	7 39	4 10	4 17	14 7		n.a.
W22	23 22	8 30	3 15	17 35	3 10	23 9	1 42	13 4	0 38	7 16	1 4	8 10	2 18	19 38	0 44	13 48	1 34	31 19	7 39	4 12	4 18	14 9		n.a.
T 23	23 26	12 31	4 7	17 54	2 57	22 54	1 41	12 50	0 37	7 16	1 4	8 10	2 18	19 39	0 44	13 48	1 34	31 19	7 39	4 14	4 20	14 10		n.a.
F 24	23 30	15 46	4 43	18 15	2 44	22 39	1 39	12 36	0 36	7 16	1 3	8 9	2 17	19 39	0 45	13 47	1 34	31 19	7 39	4 18	4 21	14 11		n.a.
S 25	23 34	17 58	5 0	18 37	2 30	22 23	1 38	12 22	0 34	7 16	1 3	8 9	2 17	19 39	0 45	13 47	1 34	31 19	7 39	4 22	4 22	14 13		n.a.
S 26	23 37	18 54	4 55	19 0	2 15	22 7	1 37	12 8	0 33	7 16	1 3	8 9	2 17	19 40	0 45	13 46	1 34	31 19	7 39	4 26	4 23	14 14		n.a.
M27	23 40	18 31	4 31	19 25	2 1	21 50	1 35	11 54	0 32	7 16	1 2	8 8	2 17	19 40	0 45	13 46	1 34	31 19	7 39	4 30	4 25	14 15		n.a.
T 28	23 43	16 56	3 50	19 50	1 46	21 33	1 34	11 40	0 31	7 16	1 2	8 8	2 16	19 41	0 45	13 45	1 34	31 19	7 39	4 34	4 26	14 17		n.a.
W29	23 45	14 22	2 56	20 16	1 32	21 14	1 32	11 25	0 30	7 17	1 2	8 8	2 16	19 41	0 45	13 45	1 34	31 19	7 39	4 36	4 27	14 18		n.a.
T 30	23n46	11n 6	1s53	20n43	1s17	20n56	1n30	11n11	0n29	7s17	1n 2	8s 8	2n16	19s42	0s45	13n44	1n34	31n19	7n39	4n37	4n29	14s19		n.a.

Julian Day Number = 1349384.5, Delta T = 07h08m41s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'15, Lahiri = -18°01'14 Julian Calendar 1 June 1019 BCE == Greg. Calendar 22 May 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

JULY 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 56 2	27♊46'46	9♍33	9♊16	5♌32	3♍ 9	20♎47	26°R 6	6°R21	28♌15	6♋ 1	18°R28	18♍48	23♏ 4	n.a.	F 1
S 2	17 59 58	28°44'15	22°12	10°38	6°42	3°47	20°47	26♎ 5	6♒19	28°17	6° 3	18♍27	18°45	23°11	n.a.	S 2
S 3	18 3 55	29°41'46	4♎30	12° 6	7°53	4°24	20°48	26° 4	6°17	28°18	6° 4	18°27	18°42	23°17	n.a.	S 3
M 4	18 7 51	0♋39'18	16°35	13°39	9° 3	5° 2	20°49	26° 4	6°15	28°19	6° 6	18°26	18°39	23°24	n.a.	M 4
T 5	18 11 48	1°36'50	28°30	15°15	10°13	5°39	20°51	26° 3	6°14	28°21	6° 8	18°24	18°36	23°31	n.a.	T 5
W 6	18 15 44	2°34'24	10♏21	16°56	11°24	6°17	20°52	26° 2	6°12	28°22	6°10	18°18	18°32	23°38	n.a.	W 6
T 7	18 19 41	3°31'59	22°12	18°41	12°34	6°55	20°53	26° 2	6°10	28°23	6°12	18°10	18°29	23°44	n.a.	T 7
F 8	18 23 37	4°29'35	4♐ 6	20°28	13°44	7°33	20°55	26° 2	6° 8	28°25	6°14	18° 0	18°26	23°51	n.a.	F 8
S 9	18 27 34	5°27'13	16° 6	22°19	14°54	8°11	20°57	26° 1	6° 6	28°26	6°15	17°48	18°23	23°58	n.a.	S 9
S 10	18 31 31	6°24'52	28°13	24°12	16° 4	8°49	20°59	26° 1	6° 4	28°28	6°17	17°35	18°20	24° 4	n.a.	S 10
M11	18 35 27	7°22'32	10♑28	26° 8	17°13	9°28	21° 2	26°D 1	6° 2	28°29	6°19	17°23	18°16	24°11	n.a.	M11
T 12	18 39 24	8°20'14	22°53	28° 5	18°23	10° 6	21° 4	26° 1	6° 0	28°31	6°21	17°12	18°13	24°18	n.a.	T 12
W13	18 43 20	9°17'58	5♒28	0♋ 3	19°33	10°45	21° 7	26° 1	5°58	28°33	6°23	17° 4	18°10	24°25	n.a.	W13
T 14	18 47 17	10°15'43	18°13	2° 3	20°42	11°23	21°10	26° 2	5°56	28°34	6°25	16°58	18° 7	24°31	n.a.	T 14
F 15	18 51 13	11°13'30	1♓10	4° 3	21°52	12° 2	21°13	26° 2	5°54	28°36	6°27	16°54	18° 4	24°38	n.a.	F 15
S 16	18 55 10	12°11'19	14°19	6° 4	23° 1	12°41	21°16	26° 2	5°52	28°38	6°28	16°D53	18° 1	24°45	n.a.	S 16
S 17	18 59 6	13° 9'09	27°43	8° 4	24°11	13°20	21°19	26° 3	5°49	28°39	6°30	16°54	17°57	24°51	n.a.	S 17
M18	19 3 3	14° 7'02	11♈24	10° 5	25°20	13°59	21°23	26° 4	5°47	28°41	6°32	16°R54	17°54	24°58	n.a.	M18
T 19	19 7 0	15° 4'56	25°21	12° 5	26°29	14°38	21°26	26° 4	5°45	28°43	6°34	16°54	17°51	25° 5	n.a.	T 19
W20	19 10 56	16° 2'53	9♉36	14° 4	27°38	15°18	21°30	26° 5	5°43	28°44	6°36	16°52	17°48	25°12	n.a.	W20
T 21	19 14 53	17° 0'52	24° 7	16° 3	28°47	15°57	21°34	26° 6	5°41	28°46	6°38	16°47	17°45	25°18	n.a.	T 21
F 22	19 18 49	17°58'52	8♊49	18° 1	29°56	16°37	21°38	26° 7	5°38	28°48	6°39	16°40	17°42	25°25	n.a.	F 22
S 23	19 22 46	18°56'55	23°37	19°58	1♍ 5	17°16	21°43	26° 8	5°36	28°50	6°41	16°32	17°38	25°32	n.a.	S 23
S 24	19 26 42	19°55'00	8♋22	21°54	2°13	17°56	21°47	26° 9	5°34	28°52	6°43	16°23	17°35	25°38	n.a.	S 24
M25	19 30 39	20°53'06	22°56	23°49	3°22	18°36	21°52	26°11	5°32	28°53	6°45	16°15	17°32	25°45	n.a.	M25
T 26	19 34 35	21°51'14	7♌13	25°43	4°30	19°16	21°57	26°12	5°29	28°55	6°47	16° 8	17°29	25°52	n.a.	T 26
W27	19 38 32	22°49'24	21° 7	27°36	5°39	19°56	22° 2	26°13	5°27	28°57	6°48	16° 3	17°26	25°59	n.a.	W27
T 28	19 42 29	23°47'36	4♍36	29°27	6°47	20°36	22° 7	26°15	5°25	28°59	6°50	16° 1	17°22	26° 5	n.a.	T 28
F 29	19 46 25	24°45'49	17°39	1♌18	7°55	21°16	22°12	26°17	5°22	29° 1	6°52	16°D 0	17°19	26°12	n.a.	F 29
S 30	19 50 22	25°44'04	0♎20	3° 7	9° 3	21°56	22°18	26°18	5°20	29° 3	6°54	16° 1	17°16	26°19	n.a.	S 30
S 31	19 54 18	26♋42'21	12♎41	4♌55	10♍11	22♍37	22♎24	26♎20	5♒18	29♌ 5	6♋55	16♍ 2	17♍13	26♏25	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	7n23	0s47	21n 9	1s 3	20n36	1n28	10n56	0n28	7s18	1n 1	8s 8	2n16	19s42	0s45	13n44	1n34	31n19	7n39	4n38	4n30	14s21		n.a.
S 2	23 48	3 27	0n20	21 35	0 49	20 17	1 26	10 42	0 27	7 18	1 1	8 8	2 15	19 42	0 45	13 43	1 34	31 19	7 39	4 38	4 31	14 22		n.a.
S 3	23 49	0s32	1 24	22 1	0 35	19 56	1 24	10 27	0 26	7 19	1 1	8 8	2 15	19 43	0 45	13 43	1 34	31 19	7 39	4 38	4 32	14 23		n.a.
M 4	23 49	4 25	2 23	22 27	0 21	19 36	1 22	10 12	0 25	7 19	1 0	8 8	2 15	19 43	0 45	13 42	1 34	31 19	7 39	4 38	4 34	14 24		n.a.
T 5	23 48	8 4	3 15	22 51	0 8	19 14	1 20	9 57	0 24	7 20	1 0	8 8	2 15	19 44	0 45	13 42	1 34	31 19	7 39	4 40	4 35	14 26		n.a.
W 6	23 47	11 23	3 59	23 14	0n 5	18 53	1 18	9 42	0 23	7 21	1 0	8 8	2 14	19 44	0 45	13 41	1 34	31 19	7 39	4 42	4 36	14 27		n.a.
T 7	23 46	14 14	4 31	23 36	0 17	18 30	1 15	9 27	0 22	7 22	0 59	8 8	2 14	19 45	0 45	13 41	1 34	31 19	7 39	4 45	4 37	14 28		n.a.
F 8	23 44	16 30	4 53	23 56	0 28	18 7	1 13	9 11	0 21	7 23	0 59	8 8	2 14	19 45	0 45	13 40	1 34	31 19	7 39	4 49	4 39	14 30		n.a.
S 9	23 42	18 5	5 1	24 14	0 39	17 44	1 10	8 56	0 20	7 24	0 59	8 8	2 14	19 46	0 45	13 40	1 34	31 19	7 39	4 54	4 40	14 31		n.a.
S 10	23 39	18 52	4 56	24 30	0 49	17 21	1 8	8 40	0 19	7 25	0 59	8 8	2 13	19 46	0 45	13 39	1 34	31 19	7 39	4 59	4 41	14 32		n.a.
M11	23 36	18 47	4 38	24 44	0 58	16 57	1 5	8 25	0 18	7 26	0 58	8 8	2 13	19 47	0 45	13 39	1 34	31 19	7 40	5 4	4 42	14 34		n.a.
T 12	23 33	17 48	4 6	24 55	1 7	16 32	1 2	8 9	0 17	7 27	0 58	8 9	2 13	19 48	0 45	13 38	1 34	31 19	7 40	5 8	4 44	14 35		n.a.
W13	23 29	15 57	3 21	25 3	1 14	16 7	0 59	7 54	0 16	7 28	0 58	8 9	2 13	19 48	0 45	13 37	1 34	31 19	7 40	5 11	4 45	14 36		n.a.
T 14	23 25	13 17	2 26	25 9	1 21	15 42	0 56	7 38	0 15	7 30	0 58	8 9	2 12	19 49	0 45	13 37	1 34	31 19	7 40	5 14	4 46	14 37		n.a.
F 15	23 20	9 57	1 23	25 12	1 27	15 16	0 53	7 22	0 14	7 31	0 57	8 10	2 12	19 49	0 45	13 36	1 34	31 19	7 40	5 15	4 47	14 39		n.a.
S 16	23 15	6 3	0 14	25 13	1 32	14 50	0 50	7 6	0 13	7 32	0 57	8 10	2 12	19 50	0 45	13 36	1 33	31 19	7 40	5 15	4 49	14 40		n.a.
S 17	23 9	1 48	0s58	25 10	1 37	14 24	0 47	6 50	0 12	7 34	0 57	8 10	2 12	19 50	0 45	13 35	1 33	31 19	7 40	5 15	4 50	14 41		n.a.
M18	23 3	2n38	2 7	25 6	1 40	13 57	0 43	6 34	0 11	7 36	0 56	8 11	2 11	19 51	0 45	13 34	1 33	31 19	7 40	5 15	4 51	14 42		n.a.
T 19	22 57	7 1	3 10	24 58	1 43	13 30	0 40	6 17	0 10	7 37	0 56	8 11	2 11	19 51	0 45	13 34	1 33	31 19	7 40	5 15	4 52	14 44		n.a.
W20	22 50	11 5	4 3	24 48	1 45	13 3	0 36	6 1	0 9	7 39	0 56	8 12	2 11	19 52	0 45	13 33	1 33	31 19	7 40	5 16	4 54	14 45		n.a.
T 21	22 43	14 33	4 42	24 36	1 47	12 36	0 33	5 45	0 8	7 41	0 56	8 12	2 11	19 53	0 45	13 32	1 33	31 19	7 40	5 18	4 55	14 46		n.a.
F 22	22 35	17 9	5 2	24 21	1 48	12 8	0 29	5 28	0 7	7 43	0 55	8 13	2 10	19 53	0 45	13 32	1 33	31 19	7 41	5 20	4 56	14 48		n.a.
S 23	22 27	18 37	5 2	24 5	1 48	11 39	0 26	5 12	0 6	7 44	0 55	8 14	2 10	19 54	0 45	13 31	1 33	31 19	7 41	5 24	4 58	14 49		n.a.
S 24	22 19	18 50	4 43	23 46	1 47	11 11	0 22	4 55	0 5	7 46	0 55	8 14	2 10	19 54	0 45	13 30	1 33	31 19	7 41	5 27	4 59	14 50		n.a.
M25	22 10	17 48	4 5	23 25	1 46	10 42	0 18	4 38	0 4	7 48	0 55	8 15	2 10	19 55	0 45	13 30	1 33	31 19	7 41	5 30	5 0	14 51		n.a.
T 26	22 1	15 39	3 13	23 3	1 45	10 13	0 14	4 22	0 3	7 51	0 54	8 16	2 9	19 55	0 45	13 29	1 33	31 19	7 41	5 33	5 1	14 53		n.a.
W27	21 51	12 38	2 10	22 38	1 43	9 44	0 10	4 5	0 2	7 53	0 54	8 17	2 9	19 56	0 45	13 28	1 33	31 19	7 41	5 35	5 3	14 54		n.a.
T 28	21 41	9 2	1 1	22 13	1 40	9 15	0 6	3 48	0 1	7 55	0 54	8 17	2 9	19 57	0 45	13 28	1 33	31 19	7 41	5 36	5 4	14 55		n.a.
F 29	21 30	5 5	0n 9	21 46	1 37	8 45	0 2	3 31	0 0	7 57	0 53	8 18	2 8	19 57	0 45	13 27	1 33	31 19	7 41	5 36	5 5	14 56		n.a.
S 30	21 20	1 2	1 16	21 17	1 34	8 16	0s 2	3 14	0s 1	8 0	0 53	8 19	2 8	19 58	0 45	13 26	1 33	31 19	7 42	5 36	5 6	14 58		n.a.
S 31	21n 9	2s58	2n19	20n47	1n30	7n46	0s 7	2n57	0s 1	8s 2	0n53	8s20	2n 8	19s58	0s45	13n26	1n33	31n19	7n42	5n36	5n 8	14s59		n.a.

Julian Day Number = 1349414.5, Delta T = 07h08m40s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'11, Lahiri = -18°01'10 Julian Calendar 1 July 1019 BCE == Greg. Calendar 21 June 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

AUGUST 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 58 15	27♋40'39	24♎48	6♌41	11♍19	23♍17	22♎29	26♎22	5°R15	29♌ 7	6♋57	16°R 3	17♍10	26♏32	n.a.	M 1
T 2	20 2 11	28°38'59	6♏44	8°27	12°27	23°58	22°35	26°24	5♒13	29° 9	6°59	16♍ 2	17° 7	26°39	n.a.	T 2
W 3	20 6 8	29°37'21	18°37	10°11	13°34	24°39	22°42	26°26	5°10	29°11	7° 1	16° 0	17° 3	26°46	n.a.	W 3
T 4	20 10 4	0♌35'45	0♐29	11°55	14°42	25°20	22°48	26°29	5° 8	29°13	7° 2	15°56	17° 0	26°52	n.a.	T 4
F 5	20 14 1	1°34'10	12°26	13°37	15°49	26° 0	22°54	26°31	5° 6	29°15	7° 4	15°51	16°57	26°59	n.a.	F 5
S 6	20 17 58	2°32'37	24°30	15°18	16°56	26°41	23° 1	26°33	5° 3	29°17	7° 6	15°43	16°54	27° 6	n.a.	S 6
S 7	20 21 54	3°31'06	6♑45	16°58	18° 3	27°22	23° 8	26°36	5° 1	29°19	7° 8	15°36	16°51	27°12	n.a.	S 7
M 8	20 25 51	4°29'37	19°12	18°36	19°10	28° 4	23°14	26°38	4°59	29°21	7° 9	15°28	16°47	27°19	n.a.	M 8
T 9	20 29 47	5°28'10	1♒52	20°14	20°16	28°45	23°21	26°41	4°56	29°23	7°11	15°22	16°44	27°26	n.a.	T 9
W10	20 33 44	6°26'45	14°45	21°51	21°23	29°26	23°29	26°44	4°54	29°25	7°13	15°17	16°41	27°33	n.a.	W10
T 11	20 37 40	7°25'22	27°51	23°26	22°29	0♓ 8	23°36	26°47	4°51	29°27	7°14	15°13	16°38	27°39	n.a.	T 11
F 12	20 41 37	8°24'02	11♈ 9	25° 1	23°35	0°49	23°43	26°50	4°49	29°29	7°16	15°D12	16°35	27°46	n.a.	F 12
S 13	20 45 33	9°22'43	24°38	26°34	24°41	1°31	23°51	26°53	4°47	29°31	7°17	15°12	16°32	27°53	n.a.	S 13
S 14	20 49 30	10°21'27	8♉18	28° 7	25°47	2°13	23°59	26°56	4°44	29°33	7°19	15°14	16°28	27°59	n.a.	S 14
M15	20 53 26	11°20'13	22° 9	29°38	26°53	2°54	24° 6	26°59	4°42	29°36	7°21	15°15	16°25	28° 6	n.a.	M15
T 16	20 57 23	12°19'02	6♊ 9	1♍ 9	27°58	3°36	24°14	27° 2	4°39	29°38	7°22	15°R16	16°22	28°13	n.a.	T 16
W17	21 1 20	13°17'53	20°18	2°38	29° 4	4°18	24°23	27° 5	4°37	29°40	7°24	15°16	16°19	28°20	n.a.	W17
T 18	21 5 16	14°16'46	4♋35	4° 6	0♎ 9	5° 0	24°31	27° 9	4°35	29°42	7°25	15°15	16°16	28°26	n.a.	T 18
F 19	21 9 13	15°15'42	18°56	5°34	1°14	5°42	24°39	27°12	4°32	29°44	7°27	15°12	16°13	28°33	n.a.	F 19
S 20	21 13 9	16°14'41	3♌17	7° 0	2°18	6°25	24°48	27°16	4°30	29°46	7°28	15° 8	16° 9	28°40	n.a.	S 20
S 21	21 17 6	17°13'42	17°35	8°25	3°23	7° 7	24°56	27°20	4°28	29°49	7°30	15° 4	16° 6	28°46	n.a.	S 21
M22	21 21 2	18°12'45	1♌43	9°49	4°27	7°49	25° 5	27°23	4°25	29°51	7°31	15° 0	16° 3	28°53	n.a.	M22
T 23	21 24 59	19°11'50	15°38	11°12	5°31	8°32	25°14	27°27	4°23	29°53	7°33	14°57	16° 0	29° 0	n.a.	T 23
W24	21 28 55	20°10'58	29°16	12°34	6°35	9°14	25°23	27°31	4°21	29°55	7°34	14°55	15°57	29° 7	n.a.	W24
T 25	21 32 52	21°10'08	12♍35	13°55	7°39	9°57	25°32	27°35	4°18	29°57	7°36	14°D54	15°53	29°13	n.a.	T 25
F 26	21 36 49	22° 9'19	25°33	15°14	8°42	10°40	25°41	27°39	4°16	29°59	7°37	14°54	15°50	29°20	n.a.	F 26
S 27	21 40 45	23° 8'33	8♎11	16°33	9°45	11°23	25°50	27°43	4°14	0♍ 2	7°39	14°55	15°47	29°27	n.a.	S 27
S 28	21 44 42	24° 7'49	20°33	17°49	10°48	12° 5	26° 0	27°48	4°12	0° 4	7°40	14°57	15°44	29°34	n.a.	S 28
M29	21 48 38	25° 7'07	2♏40	19° 5	11°50	12°48	26° 9	27°52	4° 9	0° 6	7°41	14°58	15°41	29°40	n.a.	M29
T 30	21 52 35	26° 6'26	14°39	20°19	12°53	13°32	26°19	27°56	4° 7	0° 9	7°43	15° 0	15°38	29°47	n.a.	T 30
W31	21 56 31	27♌ 5'48	26♏32	21♍31	13♎55	14♎15	26♎29	28♎ 1	4♒ 5	0♍11	7♋44	15°R 0	15♍34	29♏54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n57	6s45	3n14	20n16	1n26	7n16	0s11	2n40	0s 2	8s 4	0n53	8s21	2n 8	19s59	0s45	13n25	1n33	31n19	7n42	5n35	5n 9	15s 0			n.a.
T 2	20 45	10 13	3 59	19 44	1 21	6 46	0 15	2 23	0 3	8 7	0 52	8 22	2 7	20 0	0 45	13 24	1 33	31 19	7 42	5 35	5 10	15 1			n.a.
W 3	20 33	13 14	4 34	19 11	1 16	6 15	0 20	2 6	0 4	8 9	0 52	8 23	2 7	20 0	0 45	13 23	1 33	31 19	7 42	5 36	5 11	15 2			n.a.
T 4	20 20	15 43	4 58	18 37	1 11	5 45	0 24	1 49	0 5	8 12	0 52	8 24	2 7	20 1	0 45	13 23	1 33	31 19	7 42	5 38	5 13	15 4			n.a.
F 5	20 7	17 33	5 8	18 3	1 6	5 14	0 29	1 31	0 6	8 15	0 52	8 25	2 7	20 1	0 45	13 22	1 33	31 19	7 43	5 40	5 14	15 5			n.a.
S 6	19 54	18 37	5 5	17 27	1 0	4 44	0 33	1 14	0 7	8 17	0 51	8 26	2 6	20 2	0 45	13 21	1 33	31 19	7 43	5 43	5 15	15 6			n.a.
S 7	19 40	18 51	4 48	16 51	0 54	4 13	0 38	0 57	0 8	8 20	0 51	8 27	2 6	20 3	0 45	13 20	1 33	31 19	7 43	5 46	5 16	15 7			n.a.
M 8	19 26	18 10	4 17	16 14	0 48	3 42	0 43	0 39	0 9	8 23	0 51	8 29	2 6	20 3	0 45	13 20	1 33	31 19	7 43	5 49	5 18	15 9			n.a.
T 9	19 12	16 35	3 33	15 37	0 41	3 11	0 48	0 22	0 9	8 26	0 51	8 30	2 6	20 4	0 45	13 19	1 33	31 19	7 43	5 51	5 19	15 10			n.a.
W10	18 57	14 9	2 38	15 0	0 35	2 40	0 52	0 4	0 10	8 29	0 50	8 31	2 5	20 4	0 45	13 18	1 33	31 19	7 43	5 53	5 20	15 11			n.a.
T 11	18 42	10 57	1 33	14 22	0 28	2 9	0 57	0s13	0 11	8 32	0 50	8 32	2 5	20 5	0 45	13 17	1 33	31 20	7 44	5 55	5 21	15 12			n.a.
F 12	18 27	7 9	0 22	13 43	0 21	1 38	1 2	0 31	0 12	8 35	0 50	8 34	2 5	20 6	0 45	13 17	1 33	31 20	7 44	5 55	5 23	15 14			n.a.
S 13	18 11	2 57	0s51	13 4	0 14	1 7	1 7	0 48	0 13	8 38	0 50	8 35	2 5	20 6	0 45	13 16	1 33	31 20	7 44	5 55	5 24	15 15			n.a.
S 14	17 55	1n28	2 3	12 26	0 7	0 36	1 12	1 6	0 14	8 41	0 50	8 36	2 5	20 7	0 45	13 15	1 33	31 20	7 44	5 55	5 25	15 16			n.a.
M15	17 39	5 51	3 8	11 46	0s 0	0 5	1 17	1 24	0 14	8 44	0 49	8 38	2 4	20 7	0 45	13 14	1 33	31 20	7 44	5 54	5 26	15 17			n.a.
T 16	17 22	9 58	4 3	11 7	0 8	0s26	1 22	1 41	0 15	8 47	0 49	8 39	2 4	20 8	0 45	13 14	1 33	31 20	7 44	5 54	5 28	15 18			n.a.
W17	17 5	13 33	4 44	10 28	0 15	0 57	1 27	1 59	0 16	8 50	0 49	8 40	2 4	20 8	0 45	13 13	1 33	31 20	7 45	5 54	5 29	15 20			n.a.
T 18	16 48	16 21	5 7	9 48	0 23	1 28	1 32	2 17	0 17	8 54	0 49	8 42	2 4	20 9	0 45	13 12	1 33	31 20	7 45	5 54	5 30	15 21			n.a.
F 19	16 31	18 10	5 12	9 9	0 30	1 59	1 37	2 34	0 18	8 57	0 48	8 43	2 3	20 10	0 45	13 11	1 33	31 20	7 45	5 55	5 31	15 22			n.a.
S 20	16 13	18 49	4 57	8 30	0 38	2 30	1 43	2 52	0 19	9 0	0 48	8 45	2 3	20 10	0 45	13 10	1 33	31 20	7 45	5 57	5 33	15 23			n.a.
S 21	15 55	18 16	4 24	7 50	0 46	3 0	1 48	3 10	0 19	9 4	0 48	8 47	2 3	20 11	0 45	13 10	1 33	31 21	7 46	5 58	5 34	15 24			n.a.
M22	15 36	16 36	3 35	7 11	0 53	3 31	1 53	3 27	0 20	9 7	0 48	8 48	2 3	20 11	0 45	13 9	1 33	31 21	7 46	6 0	5 35	15 26			n.a.
T 23	15 18	13 57	2 34	6 32	1 1	4 2	1 58	3 45	0 21	9 11	0 47	8 50	2 2	20 12	0 45	13 8	1 33	31 21	7 46	6 1	5 36	15 27			n.a.
W24	14 59	10 35	1 25	5 53	1 9	4 32	2 3	4 3	0 22	9 14	0 47	8 51	2 2	20 12	0 45	13 7	1 33	31 21	7 46	6 2	5 38	15 28			n.a.
T 25	14 40	6 45	0 13	5 15	1 16	5 2	2 9	4 21	0 22	9 18	0 47	8 53	2 2	20 13	0 45	13 6	1 33	31 21	7 46	6 2	5 39	15 29			n.a.
F 26	14 21	2 41	0n58	4 37	1 24	5 33	2 14	4 38	0 23	9 21	0 47	8 55	2 2	20 13	0 45	13 6	1 33	31 21	7 47	6 2	5 40	15 30			n.a.
S 27	14 1	1s23	2 5	3 59	1 32	6 3	2 19	4 56	0 24	9 25	0 47	8 56	2 2	20 14	0 45	13 5	1 33	31 21	7 47	6 2	5 41	15 32			n.a.
S 28	13 41	5 19	3 4	3 22	1 39	6 33	2 24	5 14	0 25	9 29	0 46	8 58	2 1	20 15	0 45	13 4	1 33	31 22	7 47	6 1	5 43	15 33			n.a.
M29	13 21	8 56	3 54	2 45	1 47	7 2	2 30	5 32	0 26	9 32	0 46	9 0	2 1	20 15	0 45	13 3	1 33	31 22	7 47	6 1	5 44	15 34			n.a.
T 30	13 1	12 9	4 33	2 9	1 54	7 32	2 35	5 49	0 26	9 36	0 46	9 2	2 1	20 16	0 45	13 3	1 33	31 22	7 48	6 0	5 45	15 35			n.a.
W31	12n40	14s50	5n 0	1n34	2s 1	8s 1	2s40	6s 7	0s27	9s40	0n46	9s 3	2n 1	20s16	0s45	13n 2	1n33	31n22	7n48	6n 0	5n46	15s36			n.a.

Julian Day Number = 1349445.5, Delta T = 07h08m38s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'06, Lahiri = -18°01'06 Julian Calendar 1 Aug. 1019 BCE == Greg. Calendar 22 July 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

SEPTEMBER 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 0 28	28♌ 5'11	8♐25	22♍41	14♎56	14♎58	26♎39	28♎ 5	4°R 3	0♍13	7♋45	15°R 0	15♍31	0♐ 0	n.a.	T 1
F 2	22 4 24	29° 4'37	20°22	23°50	15°58	15°41	26°49	28°10	4♒ 1	0°15	7°47	14♍59	15°28	0° 7	n.a.	F 2
S 3	22 8 21	0♍ 4'04	2♑29	24°57	16°59	16°25	26°59	28°15	3°59	0°18	7°48	14°57	15°25	0°14	n.a.	S 3
S 4	22 12 17	1° 3'34	14°48	26° 1	17°59	17° 8	27° 9	28°19	3°57	0°20	7°49	14°55	15°22	0°21	n.a.	S 4
M 5	22 16 14	2° 3'05	27°22	27° 3	19° 0	17°51	27°19	28°24	3°55	0°22	7°50	14°53	15°19	0°27	n.a.	M 5
T 6	22 20 11	3° 2'39	10♒14	28° 3	20° 0	18°35	27°30	28°29	3°53	0°24	7°51	14°51	15°15	0°34	n.a.	T 6
W 7	22 24 7	4° 2'14	23°24	29° 0	20°59	19°19	27°40	28°34	3°51	0°26	7°53	14°50	15°12	0°41	n.a.	W 7
T 8	22 28 4	5° 1'51	6♓52	29°53	21°59	20° 2	27°51	28°39	3°49	0°29	7°54	14°49	15° 9	0°47	n.a.	T 8
F 9	22 32 0	6° 1'31	20°35	0♎44	22°57	20°46	28° 2	28°44	3°47	0°31	7°55	14°D49	15° 6	0°54	n.a.	F 9
S 10	22 35 57	7° 1'13	4♈32	1°30	23°56	21°30	28°12	28°49	3°45	0°33	7°56	14°50	15° 3	1° 1	n.a.	S 10
S 11	22 39 53	8° 0'57	18°38	2°13	24°54	22°14	28°23	28°54	3°43	0°35	7°57	14°50	14°59	1° 8	n.a.	S 11
M12	22 43 50	9° 0'43	2♉51	2°51	25°51	22°58	28°34	29° 0	3°41	0°38	7°58	14°51	14°56	1°14	n.a.	M12
T 13	22 47 46	10° 0'32	17° 7	3°24	26°48	23°42	28°45	29° 5	3°39	0°40	7°59	14°51	14°53	1°21	n.a.	T 13
W14	22 51 43	11° 0'23	1♊22	3°51	27°45	24°26	28°56	29°10	3°38	0°42	8° 0	14°52	14°50	1°28	n.a.	W14
T 15	22 55 39	12° 0'17	15°35	4°13	28°41	25°11	29° 8	29°16	3°36	0°44	8° 1	14°R52	14°47	1°34	n.a.	T 15
F 16	22 59 36	13° 0'13	29°42	4°28	29°37	25°55	29°19	29°21	3°34	0°46	8° 2	14°52	14°44	1°41	n.a.	F 16
S 17	23 3 33	14° 0'11	13♋41	4°36	0♏32	26°39	29°30	29°27	3°33	0°49	8° 3	14°52	14°40	1°48	n.a.	S 17
S 18	23 7 29	15° 0'12	27°32	4°R37	1°26	27°24	29°42	29°32	3°31	0°51	8° 4	14°D51	14°37	1°55	n.a.	S 18
M19	23 11 26	16° 0'15	11♌12	4°29	2°20	28° 8	29°53	29°38	3°29	0°53	8° 5	14°52	14°34	2° 1	n.a.	M19
T 20	23 15 22	17° 0'20	24°40	4°12	3°14	28°53	0♏ 5	29°44	3°28	0°55	8° 6	14°52	14°31	2° 8	n.a.	T 20
W21	23 19 19	18° 0'28	7♍54	3°47	4° 7	29°37	0°17	29°49	3°26	0°57	8° 6	14°52	14°28	2°15	n.a.	W21
T 22	23 23 15	19° 0'37	20°54	3°12	4°59	0♏22	0°28	29°55	3°25	1° 0	8° 7	14°R52	14°24	2°21	n.a.	T 22
F 23	23 27 12	20° 0'48	3♎39	2°28	5°50	1° 7	0°40	0♏ 1	3°23	1° 2	8° 8	14°52	14°21	2°28	n.a.	F 23
S 24	23 31 8	21° 1'01	16°10	1°35	6°41	1°52	0°52	0° 7	3°22	1° 4	8° 9	14°51	14°18	2°35	n.a.	S 24
S 25	23 35 5	22° 1'16	28°27	0°34	7°31	2°37	1° 4	0°13	3°21	1° 6	8°10	14°50	14°15	2°42	n.a.	S 25
M26	23 39 1	23° 1'33	10♏33	29♍25	8°20	3°22	1°16	0°19	3°19	1° 8	8°10	14°49	14°12	2°48	n.a.	M26
T 27	23 42 58	24° 1'52	22°31	28°11	9° 9	4° 7	1°28	0°25	3°18	1°10	8°11	14°48	14° 9	2°55	n.a.	T 27
W28	23 46 55	25° 2'12	4♐24	26°54	9°56	4°52	1°41	0°31	3°17	1°12	8°12	14°47	14° 5	3° 2	n.a.	W28
T 29	23 50 51	26° 2'34	16°16	25°35	10°43	5°37	1°53	0°37	3°16	1°14	8°12	14°46	14° 2	3° 9	n.a.	T 29
F 30	23 54 48	27♍ 2'57	28♐11	24♍18	11♏29	6♏22	2♏ 5	0♏44	3♒14	1♍16	8♋13	14°D46	13♍59	3♐15	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n19	16s53	5n14	0n59	2s 8	8s30	2s45	6s25	0s28	9s44	0n46	9s 5	2n 0	20s17	0s45	13n 1	1n33	31n22	7n48	6n 0	5n48	15s37		n.a.
F 2	11 59	18 14	5 14	0 25	2 15	8 59	2 50	6 42	0 28	9 47	0 45	9 7	2 0	20 17	0 45	13 0	1 33	31 22	7 48	6 1	5 49	15 39		n.a.
S 3	11 37	18 46	5 1	0s 8	2 22	9 28	2 56	7 0	0 29	9 51	0 45	9 9	2 0	20 18	0 45	12 59	1 33	31 22	7 48	6 1	5 50	15 40		n.a.
S 4	11 16	18 26	4 34	0 40	2 29	9 56	3 1	7 17	0 30	9 55	0 45	9 11	2 0	20 18	0 45	12 59	1 33	31 23	7 49	6 2	5 51	15 41		n.a.
M 5	10 55	17 12	3 53	1 11	2 35	10 25	3 6	7 35	0 31	9 59	0 45	9 13	2 0	20 19	0 45	12 58	1 33	31 23	7 49	6 3	5 53	15 42		n.a.
T 6	10 33	15 4	3 0	1 40	2 41	10 52	3 11	7 53	0 31	10 3	0 45	9 15	1 59	20 19	0 45	12 57	1 33	31 23	7 49	6 3	5 54	15 43		n.a.
W 7	10 11	12 6	1 56	2 8	2 47	11 20	3 16	8 10	0 32	10 7	0 44	9 17	1 59	20 19	0 45	12 56	1 33	31 23	7 49	6 4	5 55	15 44		n.a.
T 8	9 49	8 27	0 44	2 35	2 52	11 47	3 21	8 27	0 33	10 11	0 44	9 19	1 59	20 20	0 45	12 55	1 33	31 23	7 50	6 4	5 56	15 46		n.a.
F 9	9 27	4 16	0s32	2 59	2 57	12 14	3 26	8 45	0 33	10 15	0 44	9 21	1 59	20 20	0 45	12 55	1 33	31 24	7 50	6 4	5 58	15 47		n.a.
S 10	9 4	0n12	1 47	3 22	3 1	12 41	3 31	9 2	0 34	10 19	0 44	9 23	1 59	20 21	0 45	12 54	1 33	31 24	7 50	6 4	5 59	15 48		n.a.
S 11	8 42	4 42	2 57	3 43	3 5	13 7	3 36	9 20	0 35	10 23	0 44	9 25	1 59	20 21	0 45	12 53	1 33	31 24	7 51	6 4	6 0	15 49		n.a.
M12	8 19	8 58	3 56	4 1	3 8	13 33	3 41	9 37	0 36	10 27	0 43	9 27	1 58	20 22	0 45	12 52	1 33	31 24	7 51	6 3	6 1	15 50		n.a.
T 13	7 56	12 43	4 41	4 17	3 11	13 59	3 45	9 54	0 36	10 32	0 43	9 29	1 58	20 22	0 45	12 51	1 33	31 24	7 51	6 3	6 3	15 51		n.a.
W14	7 33	15 43	5 9	4 30	3 13	14 24	3 50	10 11	0 37	10 36	0 43	9 31	1 58	20 22	0 45	12 51	1 33	31 24	7 51	6 3	6 4	15 52		n.a.
T 15	7 10	17 46	5 17	4 39	3 14	14 49	3 55	10 28	0 38	10 40	0 43	9 33	1 58	20 23	0 45	12 50	1 33	31 25	7 52	6 3	6 5	15 54		n.a.
F 16	6 47	18 42	5 7	4 45	3 13	15 14	3 59	10 45	0 38	10 44	0 43	9 35	1 58	20 23	0 45	12 49	1 33	31 25	7 52	6 3	6 6	15 55		n.a.
S 17	6 23	18 29	4 38	4 47	3 12	15 38	4 4	11 2	0 39	10 48	0 43	9 37	1 57	20 24	0 45	12 48	1 33	31 25	7 52	6 3	6 8	15 56		n.a.
S 18	6 0	17 10	3 54	4 45	3 10	16 2	4 8	11 19	0 39	10 53	0 42	9 39	1 57	20 24	0 45	12 47	1 33	31 25	7 52	6 3	6 9	15 57		n.a.
M19	5 36	14 52	2 56	4 38	3 6	16 25	4 13	11 36	0 40	10 57	0 42	9 42	1 57	20 24	0 45	12 47	1 33	31 26	7 53	6 3	6 10	15 58		n.a.
T 20	5 13	11 47	1 50	4 27	3 0	16 48	4 17	11 53	0 41	11 1	0 42	9 44	1 57	20 25	0 45	12 46	1 33	31 26	7 53	6 3	6 11	15 59		n.a.
W21	4 49	8 9	0 39	4 10	2 53	17 10	4 21	12 9	0 41	11 6	0 42	9 46	1 57	20 25	0 45	12 45	1 33	31 26	7 53	6 3	6 13	16 0		n.a.
T 22	4 25	4 10	0n33	3 48	2 44	17 32	4 25	12 26	0 42	11 10	0 42	9 48	1 57	20 25	0 45	12 44	1 33	31 26	7 54	6 3	6 14	16 1		n.a.
F 23	4 1	0 5	1 42	3 20	2 34	17 54	4 29	12 42	0 43	11 14	0 42	9 50	1 56	20 26	0 45	12 44	1 33	31 26	7 54	6 3	6 15	16 3		n.a.
S 24	3 37	3s55	2 45	2 47	2 21	18 15	4 33	12 59	0 43	11 19	0 41	9 53	1 56	20 26	0 45	12 43	1 33	31 27	7 54	6 3	6 16	16 4		n.a.
S 25	3 13	7 41	3 39	2 9	2 6	18 35	4 37	13 15	0 44	11 23	0 41	9 55	1 56	20 26	0 45	12 42	1 33	31 27	7 54	6 4	6 18	16 5		n.a.
M26	2 49	11 5	4 22	1 27	1 50	18 55	4 40	13 31	0 44	11 27	0 41	9 57	1 56	20 27	0 45	12 41	1 33	31 27	7 55	6 4	6 19	16 6		n.a.
T 27	2 24	13 58	4 53	0 41	1 32	19 14	4 44	13 47	0 45	11 32	0 41	9 59	1 56	20 27	0 45	12 41	1 33	31 27	7 55	6 5	6 20	16 7		n.a.
W28	2 0	16 15	5 11	0n 8	1 13	19 33	4 47	14 3	0 46	11 36	0 41	10 2	1 56	20 27	0 45	12 40	1 33	31 28	7 55	6 5	6 21	16 8		n.a.
T 29	1 36	17 51	5 16	0 58	0 53	19 51	4 50	14 19	0 46	11 41	0 41	10 4	1 56	20 27	0 45	12 39	1 33	31 28	7 56	6 5	6 23	16 9		n.a.
F 30	1n11	18s40	5n 8	1n48	0s33	20s 9	4s53	14s35	0s47	11s45	0n40	10s 6	1n55	20s28	0s45	12n39	1n33	31n28	7n56	6n 5	6n24	16s10		n.a.

Julian Day Number = 1349476.5, Delta T = 07h08m36s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°08'02, Lahiri = -18°01'02 Julian Calendar 1 Sept. 1019 BCE == Greg. Calendar 22 Aug. 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

OCTOBER 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 58 44	28♍ 3'23	10♉16	23°R 4	12♏14	7♏ 7	2♏18	0♏50	3°R13	1♍18	8♋13	14♍46	13♍56	3♐22	n.a.	S 1
S 2	0 2 41	29° 3'49	22°33	21♍56	12°58	7°53	2°30	0°56	3♒12	1°21	8°14	14°47	13°53	3°29	n.a.	S 2
M 3	0 6 37	0♎ 4'17	5♒ 7	20°57	13°41	8°38	2°43	1° 2	3°11	1°23	8°14	14°48	13°50	3°35	n.a.	M 3
T 4	0 10 34	1° 4'47	18° 3	20° 7	14°23	9°23	2°55	1° 9	3°10	1°25	8°15	14°50	13°46	3°42	n.a.	T 4
W 5	0 14 30	2° 5'18	1♓21	19°27	15° 4	10° 9	3° 8	1°15	3° 9	1°27	8°15	14°51	13°43	3°49	n.a.	W 5
T 6	0 18 27	3° 5'51	15° 4	19° 0	15°44	10°54	3°21	1°22	3° 9	1°29	8°16	14°R51	13°40	3°56	n.a.	T 6
F 7	0 22 24	4° 6'25	29° 8	18°44	16°22	11°40	3°33	1°28	3° 8	1°30	8°16	14°51	13°37	4° 2	n.a.	F 7
S 8	0 26 20	5° 7'01	13♈31	18°D40	16°59	12°26	3°46	1°34	3° 7	1°32	8°16	14°49	13°34	4° 9	n.a.	S 8
S 9	0 30 17	6° 7'38	28° 8	18°46	17°35	13°11	3°59	1°41	3° 6	1°34	8°17	14°47	13°30	4°16	n.a.	S 9
M10	0 34 13	7° 8'18	12♉50	19° 4	18°10	13°57	4°12	1°48	3° 6	1°36	8°17	14°44	13°27	4°22	n.a.	M10
T 11	0 38 10	8° 8'59	27°32	19°30	18°43	14°43	4°25	1°54	3° 5	1°38	8°17	14°40	13°24	4°29	n.a.	T 11
W12	0 42 6	9° 9'42	12♊ 6	20° 6	19°15	15°29	4°38	2° 1	3° 4	1°40	8°18	14°38	13°21	4°36	n.a.	W12
T 13	0 46 3	10°10'27	26°28	20°50	19°45	16°15	4°51	2° 7	3° 4	1°42	8°18	14°36	13°18	4°43	n.a.	T 13
F 14	0 49 59	11°11'13	10♋34	21°40	20°14	17° 1	5° 4	2°14	3° 3	1°44	8°18	14°D35	13°15	4°49	n.a.	F 14
S 15	0 53 56	12°12'02	24°24	22°37	20°41	17°47	5°17	2°21	3° 3	1°46	8°18	14°36	13°11	4°56	n.a.	S 15
S 16	0 57 53	13°12'52	7♌57	23°38	21° 6	18°33	5°30	2°28	3° 3	1°47	8°18	14°37	13° 8	5° 3	n.a.	S 16
M17	1 1 49	14°13'44	21°15	24°45	21°30	19°19	5°44	2°34	3° 2	1°49	8°18	14°39	13° 5	5°10	n.a.	M17
T 18	1 5 46	15°14'37	4♍18	25°56	21°52	20° 5	5°57	2°41	3° 2	1°51	8°18	14°40	13° 2	5°16	n.a.	T 18
W19	1 9 42	16°15'32	17° 9	27°10	22°11	20°51	6°10	2°48	3° 2	1°53	8°19	14°R40	12°59	5°23	n.a.	W19
T 20	1 13 39	17°16'28	29°47	28°27	22°29	21°37	6°23	2°55	3° 2	1°54	8°R19	14°39	12°55	5°30	n.a.	T 20
F 21	1 17 35	18°17'26	12♎16	29°46	22°45	22°23	6°37	3° 2	3° 1	1°56	8°18	14°36	12°52	5°36	n.a.	F 21
S 22	1 21 32	19°18'25	24°34	1♎ 8	22°59	23°10	6°50	3° 8	3° 1	1°58	8°18	14°32	12°49	5°43	n.a.	S 22
S 23	1 25 28	20°19'25	6♏43	2°31	23°11	23°56	7° 4	3°15	3°D 1	1°59	8°18	14°26	12°46	5°50	n.a.	S 23
M24	1 29 25	21°20'26	18°45	3°56	23°21	24°43	7°17	3°22	3° 1	2° 1	8°18	14°18	12°43	5°57	n.a.	M24
T 25	1 33 21	22°21'28	0♐40	5°22	23°28	25°29	7°31	3°29	3° 2	2° 3	8°18	14°11	12°40	6° 3	n.a.	T 25
W26	1 37 18	23°22'32	12°32	6°50	23°33	26°15	7°44	3°36	3° 2	2° 4	8°18	14° 4	12°36	6°10	n.a.	W26
T 27	1 41 15	24°23'36	24°23	8°18	23°36	27° 2	7°58	3°43	3° 2	2° 6	8°18	13°58	12°33	6°17	n.a.	T 27
F 28	1 45 11	25°24'41	6♑16	9°47	23°R36	27°49	8°11	3°50	3° 2	2° 7	8°18	13°54	12°30	6°23	n.a.	F 28
S 29	1 49 8	26°25'47	18°17	11°17	23°34	28°35	8°25	3°57	3° 2	2° 9	8°17	13°52	12°27	6°30	n.a.	S 29
S 30	1 53 4	27°26'53	0♒29	12°47	23°29	29°22	8°38	4° 4	3° 3	2°10	8°17	13°D52	12°24	6°37	n.a.	S 30
M31	1 57 1	28♎28'00	12♒58	14♎18	23♏22	0♐ 8	8♏52	4♏11	3♒ 3	2♍12	8♋17	13♍53	12♍21	6♐44	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n47	18s40	4n46	2n37	0s12	20s26	4s56	14s51	0s47	11s50	0n40	10s 9	1n55	20s28	0s45	12n38	1n33	31n28	7n56	6n 5	6n25	16s12		n.a.
S 2	0 23	17 47	4 10	3 22	0n 8	20 43	4 59	15 6	0 48	11 54	0 40	10 11	1 55	20 28	0 45	12 37	1 34	31 29	7 56	6 5	6 26	16 13		n.a.
M 3	0s 2	16 1	3 22	4 4	0 28	20 59	5 2	15 22	0 48	11 59	0 40	10 13	1 55	20 28	0 45	12 36	1 34	31 29	7 57	6 4	6 27	16 14		n.a.
T 4	0 26	13 24	2 23	4 41	0 46	21 14	5 4	15 37	0 49	12 3	0 40	10 16	1 55	20 28	0 44	12 36	1 34	31 29	7 57	6 4	6 29	16 15		n.a.
W 5	0 51	10 1	1 14	5 12	1 3	21 28	5 6	15 52	0 49	12 8	0 40	10 18	1 55	20 29	0 44	12 35	1 34	31 30	7 57	6 4	6 30	16 16		n.a.
T 6	1 15	6 0	0s 1	5 37	1 18	21 42	5 8	16 7	0 50	12 12	0 40	10 20	1 55	20 29	0 44	12 34	1 34	31 30	7 58	6 3	6 31	16 17		n.a.
F 7	1 39	1 32	1 18	5 56	1 32	21 56	5 10	16 22	0 50	12 17	0 39	10 23	1 54	20 29	0 44	12 34	1 34	31 30	7 58	6 4	6 32	16 18		n.a.
S 8	2 4	3n 6	2 32	6 8	1 43	22 8	5 11	16 37	0 51	12 21	0 39	10 25	1 54	20 29	0 44	12 33	1 34	31 30	7 58	6 4	6 34	16 19		n.a.
S 9	2 28	7 37	3 36	6 14	1 53	22 20	5 13	16 52	0 52	12 26	0 39	10 28	1 54	20 29	0 44	12 32	1 34	31 31	7 59	6 5	6 35	16 20		n.a.
M10	2 53	11 42	4 27	6 15	2 1	22 31	5 14	17 6	0 52	12 30	0 39	10 30	1 54	20 29	0 44	12 32	1 34	31 31	7 59	6 6	6 36	16 21		n.a.
T 11	3 17	15 3	5 0	6 10	2 8	22 41	5 14	17 20	0 53	12 35	0 39	10 32	1 54	20 29	0 44	12 31	1 34	31 31	7 59	6 8	6 37	16 22		n.a.
W12	3 41	17 25	5 14	6 0	2 13	22 51	5 15	17 34	0 53	12 40	0 39	10 35	1 54	20 30	0 44	12 30	1 34	31 31	7 59	6 9	6 39	16 23		n.a.
T 13	4 5	18 39	5 7	5 46	2 16	23 0	5 15	17 48	0 53	12 44	0 39	10 37	1 54	20 30	0 44	12 30	1 34	31 32	8 0	6 9	6 40	16 25		n.a.
F 14	4 30	18 41	4 43	5 28	2 19	23 8	5 15	18 2	0 54	12 49	0 38	10 40	1 54	20 30	0 44	12 29	1 34	31 32	8 0	6 10	6 41	16 26		n.a.
S 15	4 54	17 37	4 2	5 7	2 20	23 15	5 15	18 16	0 54	12 53	0 38	10 42	1 54	20 30	0 44	12 28	1 34	31 32	8 0	6 9	6 42	16 27		n.a.
S 16	5 18	15 32	3 8	4 42	2 20	23 21	5 14	18 30	0 55	12 58	0 38	10 45	1 53	20 30	0 44	12 28	1 34	31 33	8 1	6 9	6 44	16 28		n.a.
M17	5 42	12 40	2 5	4 15	2 19	23 26	5 13	18 43	0 55	13 2	0 38	10 47	1 53	20 30	0 44	12 27	1 34	31 33	8 1	6 8	6 45	16 29		n.a.
T 18	6 6	9 12	0 57	3 45	2 18	23 31	5 11	18 56	0 56	13 7	0 38	10 49	1 53	20 30	0 44	12 27	1 34	31 33	8 1	6 8	6 46	16 30		n.a.
W19	6 29	5 22	0n14	3 13	2 15	23 35	5 10	19 9	0 56	13 12	0 38	10 52	1 53	20 30	0 44	12 26	1 34	31 34	8 2	6 8	6 47	16 31		n.a.
T 20	6 53	1 20	1 22	2 39	2 12	23 37	5 7	19 22	0 57	13 16	0 38	10 54	1 53	20 30	0 44	12 25	1 34	31 34	8 2	6 8	6 49	16 32		n.a.
F 21	7 17	2s42	2 25	2 4	2 9	23 39	5 5	19 34	0 57	13 21	0 38	10 57	1 53	20 30	0 44	12 25	1 34	31 34	8 2	6 9	6 50	16 33		n.a.
S 22	7 40	6 34	3 20	1 27	2 5	23 40	5 2	19 47	0 57	13 25	0 37	10 59	1 53	20 30	0 44	12 24	1 34	31 34	8 3	6 11	6 51	16 34		n.a.
S 23	8 4	10 6	4 6	0 49	2 0	23 39	4 58	19 59	0 58	13 30	0 37	11 2	1 53	20 30	0 44	12 24	1 34	31 35	8 3	6 13	6 52	16 35		n.a.
M24	8 27	13 11	4 40	0 10	1 56	23 38	4 54	20 11	0 58	13 34	0 37	11 4	1 53	20 30	0 44	12 23	1 34	31 35	8 3	6 16	6 53	16 36		n.a.
T 25	8 50	15 42	5 1	0s29	1 50	23 36	4 50	20 23	0 59	13 39	0 37	11 7	1 53	20 30	0 44	12 23	1 34	31 35	8 3	6 19	6 55	16 37		n.a.
W26	9 13	17 32	5 10	1 9	1 45	23 32	4 45	20 34	0 59	13 43	0 37	11 9	1 53	20 30	0 44	12 22	1 35	31 36	8 4	6 22	6 56	16 38		n.a.
T 27	9 36	18 37	5 5	1 50	1 39	23 28	4 39	20 46	0 59	13 48	0 37	11 11	1 53	20 30	0 44	12 22	1 35	31 36	8 4	6 24	6 57	16 39		n.a.
F 28	9 59	18 54	4 47	2 31	1 33	23 22	4 33	20 57	1 0	13 53	0 37	11 14	1 52	20 30	0 44	12 21	1 35	31 36	8 4	6 26	6 58	16 40		n.a.
S 29	10 21	18 19	4 16	3 12	1 27	23 15	4 27	21 8	1 0	13 57	0 37	11 16	1 52	20 30	0 44	12 21	1 35	31 37	8 5	6 26	7 0	16 41		n.a.
S 30	10 44	16 54	3 33	3 54	1 21	23 7	4 20	21 19	1 1	14 2	0 37	11 19	1 52	20 29	0 44	12 20	1 35	31 37	8 5	6 27	7 1	16 42		n.a.
M31	11s 6	14s38	2n39	4s35	1n14	22s58	4s12	21s29	1s 1	14s 6	0n36	11s21	1n52	20s29	0s44	12n20	1n35	31n37	8n 5	6n26	7n 2	16s44		n.a.

Julian Day Number = 1349506.5, Delta T = 07h08m35s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'58, Lahiri = -18°00'58 Julian Calendar 1 Oct. 1019 BCE == Greg. Calendar 21 Sept. 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

NOVEMBER 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 57	29♎29'08	25♒48	15♎49	23°R12	0♐55	9♏ 6	4♏18	3♒ 4	2♍13	8°R16	13♍54	12♍17	6♐50	n.a.	T 1
W 2	2 4 54	0♏30'16	9♓ 4	17°20	23♏ 0	1°42	9°19	4°25	3° 4	2°14	8♋16	13°R55	12°14	6°57	n.a.	W 2
T 3	2 8 51	1°31'25	22°48	18°52	22°45	2°29	9°33	4°32	3° 5	2°16	8°16	13°55	12°11	7° 4	n.a.	T 3
F 4	2 12 47	2°32'34	7♈ 0	20°24	22°28	3°15	9°47	4°39	3° 5	2°17	8°15	13°53	12° 8	7°11	n.a.	F 4
S 5	2 16 44	3°33'44	21°37	21°56	22° 8	4° 2	10° 0	4°46	3° 6	2°18	8°15	13°48	12° 5	7°17	n.a.	S 5
S 6	2 20 40	4°34'55	6♉34	23°28	21°47	4°49	10°14	4°53	3° 7	2°20	8°14	13°41	12° 1	7°24	n.a.	S 6
M 7	2 24 37	5°36'06	21°42	25° 0	21°23	5°36	10°28	5° 0	3° 7	2°21	8°14	13°33	11°58	7°31	n.a.	M 7
T 8	2 28 33	6°37'18	6♊51	26°33	20°56	6°23	10°42	5° 7	3° 8	2°22	8°13	13°25	11°55	7°37	n.a.	T 8
W 9	2 32 30	7°38'31	21°50	28° 6	20°28	7°10	10°55	5°14	3° 9	2°23	8°13	13°17	11°52	7°44	n.a.	W 9
T 10	2 36 26	8°39'45	6♋32	29°39	19°59	7°57	11° 9	5°21	3°10	2°24	8°12	13°11	11°49	7°51	n.a.	T 10
F 11	2 40 23	9°41'00	20°51	1♏12	19°27	8°43	11°23	5°28	3°11	2°26	8°12	13° 7	11°46	7°58	n.a.	F 11
S 12	2 44 20	10°42'15	4♌45	2°45	18°54	9°30	11°37	5°35	3°12	2°27	8°11	13° 5	11°42	8° 4	n.a.	S 12
S 13	2 48 16	11°43'31	18°14	4°18	18°20	10°17	11°51	5°42	3°13	2°28	8°10	13°D 5	11°39	8°11	n.a.	S 13
M14	2 52 13	12°44'47	1♍22	5°52	17°45	11° 5	12° 4	5°49	3°14	2°29	8°10	13° 6	11°36	8°18	n.a.	M14
T 15	2 56 9	13°46'04	14°11	7°25	17° 9	11°52	12°18	5°56	3°15	2°30	8° 9	13°R 6	11°33	8°25	n.a.	T 15
W16	3 0 6	14°47'22	26°45	8°59	16°33	12°39	12°32	6° 3	3°16	2°31	8° 8	13° 5	11°30	8°31	n.a.	W16
T 17	3 4 2	15°48'40	9♎ 7	10°33	15°57	13°26	12°46	6°10	3°18	2°32	8° 7	13° 2	11°27	8°38	n.a.	T 17
F 18	3 7 59	16°49'59	21°20	12° 8	15°20	14°13	12°59	6°17	3°19	2°33	8° 7	12°56	11°23	8°45	n.a.	F 18
S 19	3 11 55	17°51'18	3♏25	13°42	14°44	15° 0	13°13	6°24	3°20	2°33	8° 6	12°47	11°20	8°51	n.a.	S 19
S 20	3 15 52	18°52'37	15°26	15°17	14° 8	15°47	13°27	6°31	3°22	2°34	8° 5	12°35	11°17	8°58	n.a.	S 20
M21	3 19 49	19°53'56	27°22	16°52	13°33	16°34	13°41	6°37	3°23	2°35	8° 4	12°22	11°14	9° 5	n.a.	M21
T 22	3 23 45	20°55'16	9♐15	18°27	12°59	17°22	13°55	6°44	3°25	2°36	8° 3	12° 8	11°11	9°12	n.a.	T 22
W23	3 27 42	21°56'35	21° 6	20° 3	12°26	18° 9	14° 8	6°51	3°26	2°37	8° 2	11°55	11° 7	9°18	n.a.	W23
T 24	3 31 38	22°57'54	2♑58	21°38	11°55	18°56	14°22	6°58	3°28	2°37	8° 1	11°43	11° 4	9°25	n.a.	T 24
F 25	3 35 35	23°59'13	14°52	23°15	11°25	19°43	14°36	7° 5	3°29	2°38	8° 1	11°34	11° 1	9°32	n.a.	F 25
S 26	3 39 31	25° 0'32	26°52	24°51	10°58	20°31	14°49	7°12	3°31	2°39	8° 0	11°27	10°58	9°38	n.a.	S 26
S 27	3 43 28	26° 1'50	9♒ 1	26°28	10°32	21°18	15° 3	7°19	3°33	2°39	7°59	11°24	10°55	9°45	n.a.	S 27
M28	3 47 25	27° 3'08	21°25	28° 5	10° 8	22° 5	15°17	7°25	3°34	2°40	7°58	11°23	10°52	9°52	n.a.	M28
T 29	3 51 21	28° 4'25	4♓ 8	29°43	9°46	22°52	15°30	7°32	3°36	2°40	7°57	11°23	10°48	9°59	n.a.	T 29
W30	3 55 18	29♏ 5'42	17♓14	1♐20	9♏27	23♐40	15♏44	7♏39	3♒38	2♍41	7♋56	11♍23	10♍45	10♐ 5	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s28	11s36	1n36	5s17	1n 7	22s47	4s 4	21s40	1s 1	14s11	0n36	11s24	1n52	20s29	0s44	12n19	1n35	31n38	8n 6	6n26	7n 3	16s45		n.a.
W 2	11 50	7 53	0 26	5 59	1 1	22 35	3 55	21 50	1 2	14 15	0 36	11 26	1 52	20 29	0 44	12 19	1 35	31 38	8 6	6 25	7 5	16 46		n.a.
T 3	12 11	3 38	0s48	6 40	0 54	22 22	3 45	22 0	1 2	14 20	0 36	11 28	1 52	20 29	0 43	12 18	1 35	31 38	8 6	6 25	7 6	16 47		n.a.
F 4	12 33	0n58	2 1	7 22	0 47	22 8	3 35	22 9	1 2	14 24	0 36	11 31	1 52	20 29	0 43	12 18	1 35	31 38	8 6	6 26	7 7	16 48		n.a.
S 5	12 54	5 39	3 9	8 3	0 40	21 53	3 25	22 19	1 3	14 29	0 36	11 33	1 52	20 28	0 43	12 17	1 35	31 39	8 7	6 28	7 8	16 49		n.a.
S 6	13 15	10 4	4 5	8 44	0 34	21 36	3 13	22 28	1 3	14 33	0 36	11 36	1 52	20 28	0 43	12 17	1 35	31 39	8 7	6 31	7 9	16 50		n.a.
M 7	13 36	13 54	4 44	9 25	0 27	21 18	3 2	22 37	1 3	14 38	0 36	11 38	1 52	20 28	0 43	12 17	1 35	31 39	8 7	6 34	7 11	16 51		n.a.
T 8	13 56	16 48	5 4	10 5	0 20	20 59	2 49	22 45	1 3	14 42	0 36	11 41	1 52	20 28	0 43	12 16	1 35	31 40	8 8	6 37	7 12	16 52		n.a.
W 9	14 17	18 32	5 2	10 45	0 13	20 39	2 36	22 54	1 4	14 47	0 35	11 43	1 52	20 28	0 43	12 16	1 35	31 40	8 8	6 40	7 13	16 53		n.a.
T 10	14 37	18 58	4 41	11 25	0 6	20 18	2 23	23 2	1 4	14 51	0 35	11 45	1 52	20 27	0 43	12 15	1 35	31 40	8 8	6 43	7 14	16 54		n.a.
F 11	14 56	18 11	4 2	12 5	0s 0	19 56	2 9	23 10	1 4	14 55	0 35	11 48	1 52	20 27	0 43	12 15	1 35	31 41	8 8	6 44	7 16	16 55		n.a.
S 12	15 16	16 18	3 10	12 44	0 7	19 33	1 55	23 17	1 5	15 0	0 35	11 50	1 52	20 27	0 43	12 15	1 35	31 41	8 9	6 45	7 17	16 56		n.a.
S 13	15 35	13 33	2 9	13 22	0 14	19 10	1 40	23 25	1 5	15 4	0 35	11 52	1 52	20 27	0 43	12 14	1 35	31 41	8 9	6 45	7 18	16 57		n.a.
M14	15 54	10 11	1 2	14 0	0 20	18 45	1 25	23 32	1 5	15 9	0 35	11 55	1 52	20 26	0 43	12 14	1 36	31 42	8 9	6 44	7 19	16 58		n.a.
T 15	16 13	6 24	0n 6	14 37	0 27	18 20	1 10	23 38	1 5	15 13	0 35	11 57	1 52	20 26	0 43	12 14	1 36	31 42	8 9	6 44	7 21	16 59		n.a.
W16	16 32	2 25	1 12	15 14	0 33	17 55	0 55	23 45	1 5	15 17	0 35	11 59	1 52	20 26	0 43	12 14	1 36	31 42	8 10	6 45	7 22	17 0		n.a.
T 17	16 50	1s37	2 14	15 50	0 39	17 30	0 39	23 51	1 6	15 22	0 35	12 2	1 52	20 25	0 43	12 13	1 36	31 43	8 10	6 46	7 23	17 1		n.a.
F 18	17 8	5 32	3 9	16 26	0 45	17 4	0 24	23 57	1 6	15 26	0 35	12 4	1 52	20 25	0 43	12 13	1 36	31 43	8 10	6 48	7 24	17 2		n.a.
S 19	17 25	9 11	3 54	17 1	0 51	16 38	0 8	24 3	1 6	15 30	0 35	12 6	1 52	20 25	0 43	12 13	1 36	31 43	8 11	6 52	7 25	17 3		n.a.
S 20	17 42	12 26	4 29	17 35	0 57	16 13	0n 7	24 8	1 6	15 34	0 34	12 9	1 52	20 24	0 43	12 12	1 36	31 44	8 11	6 56	7 27	17 4		n.a.
M21	17 59	15 9	4 51	18 8	1 3	15 47	0 23	24 14	1 7	15 39	0 34	12 11	1 52	20 24	0 43	12 12	1 36	31 44	8 11	7 2	7 28	17 5		n.a.
T 22	18 16	17 14	5 1	18 41	1 8	15 23	0 38	24 19	1 7	15 43	0 34	12 13	1 52	20 23	0 43	12 12	1 36	31 44	8 11	7 7	7 29	17 6		n.a.
W23	18 32	18 34	4 57	19 12	1 13	14 58	0 53	24 23	1 7	15 47	0 34	12 16	1 52	20 23	0 43	12 12	1 36	31 44	8 12	7 12	7 30	17 7		n.a.
T 24	18 48	19 6	4 41	19 43	1 19	14 35	1 8	24 28	1 7	15 51	0 34	12 18	1 52	20 23	0 43	12 12	1 36	31 45	8 12	7 17	7 32	17 8		n.a.
F 25	19 4	18 47	4 13	20 13	1 23	14 12	1 22	24 32	1 7	15 56	0 34	12 20	1 52	20 22	0 43	12 11	1 36	31 45	8 12	7 20	7 33	17 8		n.a.
S 26	19 19	17 38	3 33	20 42	1 28	13 50	1 36	24 35	1 7	16 0	0 34	12 22	1 52	20 22	0 43	12 11	1 36	31 45	8 12	7 23	7 34	17 9		n.a.
S 27	19 34	15 40	2 42	21 10	1 33	13 29	1 49	24 39	1 8	16 4	0 34	12 25	1 52	20 21	0 43	12 11	1 36	31 46	8 13	7 24	7 35	17 10		n.a.
M28	19 48	12 57	1 44	21 37	1 37	13 9	2 3	24 42	1 8	16 8	0 34	12 27	1 52	20 21	0 43	12 11	1 36	31 46	8 13	7 24	7 36	17 11		n.a.
T 29	20 2	9 33	0 38	22 3	1 41	12 50	2 15	24 45	1 8	16 12	0 34	12 29	1 52	20 20	0 43	12 11	1 36	31 46	8 13	7 25	7 38	17 12		n.a.
W30	20s16	5s35	0s31	22s27	1s45	12s32	2n27	24s47	1s 8	16s16	0n34	12s31	1n52	20s20	0s43	12n11	1n37	31n47	8n13	7n25	7n39	17s13		n.a.

Julian Day Number = 1349537.5, Delta T = 07h08m33s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'54, Lahiri = -18°00'53 Julian Calendar 1 Nov. 1019 BCE == Greg. Calendar 22 Oct. 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1019 BCE
geocentric

DECEMBER 1019 BCE (-1018) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 59 14	0♐ 6'58	0♈49	2♐59	9°R 9	24♐27	15♏58	7♏45	3♒40	2♍41	7°R54	11°R21	10♍42	10♐12	n.a.	T 1
F 2	4 3 11	1° 8'13	14°54	4°37	8♏55	25°14	16°11	7°52	3°42	2°42	7♋53	11♍18	10°39	10°19	n.a.	F 2
S 3	4 7 7	2° 9'28	29°28	6°16	8°43	26° 1	16°25	7°59	3°44	2°42	7°52	11°12	10°36	10°26	n.a.	S 3
S 4	4 11 4	3°10'42	14♉27	7°56	8°33	26°49	16°38	8° 5	3°46	2°42	7°51	11° 3	10°32	10°32	n.a.	S 4
M 5	4 15 0	4°11'56	29°44	9°36	8°26	27°36	16°52	8°12	3°48	2°43	7°50	10°52	10°29	10°39	n.a.	M 5
T 6	4 18 57	5°13'09	15♊ 7	11°16	8°21	28°23	17° 5	8°18	3°50	2°43	7°49	10°40	10°26	10°46	n.a.	T 6
W 7	4 22 54	6°14'22	0♋24	12°56	8°D19	29°11	17°19	8°25	3°52	2°43	7°48	10°29	10°23	10°52	n.a.	W 7
T 8	4 26 50	7°15'34	15°25	14°37	8°19	29°58	17°32	8°31	3°55	2°44	7°46	10°20	10°20	10°59	n.a.	T 8
F 9	4 30 47	8°16'46	0♌ 1	16°18	8°22	0♎45	17°46	8°38	3°57	2°44	7°45	10°13	10°17	11° 6	n.a.	F 9
S 10	4 34 43	9°17'57	14° 8	18° 0	8°27	1°33	17°59	8°44	3°59	2°44	7°44	10° 9	10°13	11°13	n.a.	S 10
S 11	4 38 40	10°19'08	27°46	19°41	8°35	2°20	18°12	8°50	4° 1	2°44	7°43	10° 8	10°10	11°19	n.a.	S 11
M12	4 42 36	11°20'19	10♍56	21°23	8°45	3° 7	18°25	8°57	4° 4	2°44	7°42	10° 8	10° 7	11°26	n.a.	M12
T 13	4 46 33	12°21'29	23°44	23° 5	8°57	3°54	18°39	9° 3	4° 6	2°44	7°40	10° 7	10° 4	11°33	n.a.	T 13
W14	4 50 29	13°22'38	6♎12	24°46	9°11	4°42	18°52	9° 9	4° 8	2°R44	7°39	10° 6	10° 1	11°40	n.a.	W14
T 15	4 54 26	14°23'47	18°26	26°28	9°27	5°29	19° 5	9°15	4°11	2°44	7°38	10° 2	9°58	11°46	n.a.	T 15
F 16	4 58 23	15°24'55	0♏30	28° 9	9°46	6°16	19°18	9°21	4°13	2°44	7°36	9°55	9°54	11°53	n.a.	F 16
S 17	5 2 19	16°26'03	12°28	29°49	10° 6	7° 4	19°31	9°28	4°16	2°44	7°35	9°45	9°51	12° 0	n.a.	S 17
S 18	5 6 16	17°27'09	24°21	1♎29	10°28	7°51	19°44	9°34	4°19	2°44	7°34	9°33	9°48	12° 6	n.a.	S 18
M19	5 10 12	18°28'15	6♐14	3° 7	10°52	8°38	19°57	9°40	4°21	2°44	7°32	9°18	9°45	12°13	n.a.	M19
T 20	5 14 9	19°29'20	18° 6	4°44	11°18	9°25	20°10	9°46	4°24	2°44	7°31	9° 3	9°42	12°20	n.a.	T 20
W21	5 18 5	20°30'24	29°59	6°20	11°46	10°13	20°23	9°51	4°26	2°44	7°30	8°49	9°38	12°27	n.a.	W21
T 22	5 22 2	21°31'27	11♎54	7°53	12°15	11° 0	20°36	9°57	4°29	2°43	7°28	8°36	9°35	12°33	n.a.	T 22
F 23	5 25 59	22°32'28	23°54	9°23	12°45	11°47	20°49	10° 3	4°32	2°43	7°27	8°25	9°32	12°40	n.a.	F 23
S 24	5 29 55	23°33'28	5♒59	10°51	13°18	12°34	21° 1	10° 9	4°35	2°43	7°26	8°18	9°29	12°47	n.a.	S 24
S 25	5 33 52	24°34'27	18°13	12°14	13°51	13°22	21°14	10°15	4°37	2°42	7°24	8°14	9°26	12°54	n.a.	S 25
M26	5 37 48	25°35'24	0♓39	13°33	14°27	14° 9	21°27	10°20	4°40	2°42	7°23	8°12	9°23	13° 0	n.a.	M26
T 27	5 41 45	26°36'19	13°20	14°47	15° 3	14°56	21°39	10°26	4°43	2°42	7°21	8°D12	9°19	13° 7	n.a.	T 27
W28	5 45 41	27°37'13	26°22	15°55	15°41	15°43	21°52	10°31	4°46	2°41	7°20	8°R12	9°16	13°14	n.a.	W28
T 29	5 49 38	28°38'06	9♈47	16°56	16°20	16°30	22° 4	10°37	4°49	2°41	7°18	8°12	9°13	13°20	n.a.	T 29
F 30	5 53 34	29°38'56	23°39	17°50	17° 0	17°17	22°17	10°42	4°52	2°40	7°17	8° 9	9°10	13°27	n.a.	F 30
S 31	5 57 31	0♎39'45	7♉58	18♎35	17♏41	18♎ 4	22♏29	10♏47	4♒55	2♍40	7♋16	8♍ 5	9♍ 7	13♐34	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s30	1s13	1s41	22s51	1s48	12s16	2n39	24s50	1s 8	16s20	0n34	12s33	1n52	20s20	0s43	12n10	1n37	31n47	8n13	7n25	7n40	17s14			n.a.
F 2	20 42	3n24	2 47	23 13	1 51	12 1	2 50	24 52	1 8	16 24	0 34	12 35	1 52	20 19	0 43	12 10	1 37	31 47	8 14	7 26	7 41	17 15			n.a.
S 3	20 55	7 57	3 45	23 34	1 54	11 47	3 0	24 53	1 8	16 28	0 33	12 38	1 52	20 19	0 43	12 10	1 37	31 47	8 14	7 29	7 43	17 16			n.a.
S 4	21 7	12 9	4 29	23 54	1 57	11 35	3 10	24 55	1 8	16 32	0 33	12 40	1 52	20 18	0 43	12 10	1 37	31 48	8 14	7 32	7 44	17 17			n.a.
M 5	21 19	15 37	4 55	24 12	1 59	11 24	3 19	24 56	1 8	16 36	0 33	12 42	1 52	20 18	0 42	12 10	1 37	31 48	8 14	7 36	7 45	17 18			n.a.
T 6	21 30	18 1	4 59	24 28	2 1	11 14	3 28	24 57	1 9	16 40	0 33	12 44	1 52	20 17	0 42	12 10	1 37	31 48	8 15	7 41	7 46	17 19			n.a.
W 7	21 41	19 6	4 42	24 43	2 2	11 5	3 36	24 57	1 9	16 44	0 33	12 46	1 52	20 16	0 42	12 10	1 37	31 49	8 15	7 45	7 47	17 20			n.a.
T 8	21 52	18 50	4 6	24 57	2 3	10 58	3 44	24 57	1 9	16 48	0 33	12 48	1 52	20 16	0 42	12 10	1 37	31 49	8 15	7 49	7 49	17 21			n.a.
F 9	22 2	17 18	3 15	25 9	2 4	10 52	3 51	24 57	1 9	16 52	0 33	12 50	1 52	20 15	0 42	12 10	1 37	31 49	8 15	7 51	7 50	17 22			n.a.
S 10	22 11	14 44	2 13	25 19	2 4	10 48	3 58	24 57	1 9	16 56	0 33	12 52	1 52	20 15	0 42	12 10	1 37	31 49	8 15	7 53	7 51	17 23			n.a.
S 11	22 21	11 25	1 5	25 27	2 3	10 44	4 4	24 56	1 9	17 0	0 33	12 54	1 52	20 14	0 42	12 10	1 37	31 50	8 16	7 53	7 52	17 24			n.a.
M12	22 29	7 39	0n 4	25 34	2 2	10 42	4 9	24 55	1 9	17 3	0 33	12 56	1 52	20 14	0 42	12 10	1 37	31 50	8 16	7 53	7 54	17 25			n.a.
T 13	22 38	3 37	1 11	25 38	2 1	10 41	4 14	24 54	1 9	17 7	0 33	12 58	1 52	20 13	0 42	12 10	1 37	31 50	8 16	7 53	7 55	17 25			n.a.
W14	22 46	0s28	2 13	25 41	1 59	10 41	4 19	24 53	1 9	17 11	0 33	13 0	1 52	20 12	0 42	12 10	1 37	31 50	8 16	7 54	7 56	17 26			n.a.
T 15	22 53	4 27	3 7	25 42	1 56	10 42	4 23	24 51	1 9	17 15	0 33	13 2	1 52	20 12	0 42	12 10	1 37	31 51	8 16	7 55	7 57	17 27			n.a.
F 16	23 0	8 12	3 53	25 40	1 52	10 45	4 27	24 49	1 9	17 18	0 33	13 4	1 52	20 11	0 42	12 10	1 38	31 51	8 16	7 58	7 58	17 28			n.a.
S 17	23 7	11 35	4 27	25 37	1 48	10 48	4 31	24 46	1 9	17 22	0 33	13 6	1 52	20 10	0 42	12 10	1 38	31 51	8 17	8 2	8 0	17 29			n.a.
S 18	23 13	14 29	4 49	25 32	1 44	10 52	4 34	24 43	1 9	17 26	0 32	13 8	1 52	20 10	0 42	12 10	1 38	31 51	8 17	8 7	8 1	17 30			n.a.
M19	23 18	16 47	4 59	25 25	1 38	10 57	4 36	24 40	1 9	17 29	0 32	13 10	1 52	20 9	0 42	12 11	1 38	31 52	8 17	8 12	8 2	17 31			n.a.
T 20	23 23	18 22	4 56	25 15	1 32	11 3	4 39	24 37	1 9	17 33	0 32	13 11	1 52	20 9	0 42	12 11	1 38	31 52	8 17	8 18	8 3	17 32			n.a.
W21	23 28	19 9	4 40	25 4	1 24	11 9	4 40	24 33	1 9	17 36	0 32	13 13	1 53	20 8	0 42	12 11	1 38	31 52	8 17	8 23	8 4	17 33			n.a.
T 22	23 32	19 6	4 11	24 51	1 16	11 17	4 42	24 29	1 9	17 40	0 32	13 15	1 53	20 7	0 42	12 11	1 38	31 52	8 17	8 28	8 6	17 34			n.a.
F 23	23 36	18 12	3 32	24 36	1 7	11 25	4 43	24 25	1 9	17 43	0 32	13 17	1 53	20 7	0 42	12 11	1 38	31 53	8 18	8 32	8 7	17 35			n.a.
S 24	23 39	16 28	2 42	24 19	0 57	11 34	4 44	24 21	1 9	17 47	0 32	13 19	1 53	20 6	0 42	12 11	1 38	31 53	8 18	8 35	8 8	17 35			n.a.
S 25	23 42	13 58	1 44	24 1	0 46	11 43	4 45	24 16	1 9	17 50	0 32	13 20	1 53	20 5	0 42	12 11	1 38	31 53	8 18	8 37	8 9	17 36			n.a.
M26	23 44	10 48	0 40	23 41	0 34	11 53	4 45	24 11	1 8	17 54	0 32	13 22	1 53	20 4	0 42	12 12	1 38	31 53	8 18	8 37	8 11	17 37			n.a.
T 27	23 46	7 4	0s27	23 20	0 22	12 4	4 45	24 6	1 8	17 57	0 32	13 24	1 53	20 4	0 42	12 12	1 38	31 54	8 18	8 37	8 12	17 38			n.a.
W28	23 48	2 55	1 35	22 59	0 8	12 15	4 45	24 0	1 8	18 0	0 32	13 25	1 53	20 3	0 42	12 12	1 38	31 54	8 18	8 37	8 13	17 39			n.a.
T 29	23 48	1n30	2 39	22 37	0n 7	12 26	4 45	23 54	1 8	18 4	0 32	13 27	1 53	20 2	0 42	12 12	1 38	31 54	8 18	8 38	8 14	17 40			n.a.
F 30	23 49	5 58	3 37	22 14	0 22	12 38	4 44	23 48	1 8	18 7	0 32	13 29	1 53	20 2	0 42	12 13	1 38	31 54	8 18	8 38	8 15	17 41			n.a.
S 31	23s49	10n15	4s23	21s52	0n38	12s51	4n43	23s42	1s 8	18s10	0n32	13s30	1n53	20s 1	0s42	12n13	1n38	31n54	8n18	8n40	8n17	17s42			n.a.

Julian Day Number = 1349567.5, Delta T = 07h08m32s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'50, Lahiri = -18°00'49 Julian Calendar 1 Dec. 1019 BCE == Greg. Calendar 21 Nov. 1019 BCE

The year -1018 astronomical counting style corresponds to year 1019 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

JANUARY 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 28	1♉40'32	22♉43	19♉12	18♏24	18♉52	22♏41	10♏53	4♒58	2°R39	7°R14	7°R57	9♍ 4	13♐41	n.a.	S 1
M 2	6 5 24	2°41'18	7♊48	19°39	19° 7	19°39	22°53	10°58	5° 1	2♍38	7♋13	7♍48	9° 0	13°47	n.a.	M 2
T 3	6 9 21	3°42'02	23° 5	19°56	19°51	20°26	23° 5	11° 3	5° 4	2°38	7°11	7°38	8°57	13°54	n.a.	T 3
W 4	6 13 17	4°42'45	8♋21	20°R 2	20°37	21°13	23°17	11° 8	5° 7	2°37	7°10	7°28	8°54	14° 1	n.a.	W 4
T 5	6 17 14	5°43'26	23°26	19°57	21°23	22° 0	23°29	11°13	5°10	2°36	7° 8	7°20	8°51	14° 8	n.a.	T 5
F 6	6 21 10	6°44'05	8♌11	19°42	22°11	22°47	23°41	11°18	5°13	2°36	7° 7	7°15	8°48	14°14	n.a.	F 6
S 7	6 25 7	7°44'43	22°29	19°16	22°59	23°34	23°53	11°23	5°16	2°35	7° 6	7°11	8°44	14°21	n.a.	S 7
S 8	6 29 3	8°45'20	6♍18	18°40	23°48	24°20	24° 5	11°28	5°19	2°34	7° 4	7°D10	8°41	14°28	n.a.	S 8
M 9	6 33 0	9°45'55	19°38	17°56	24°38	25° 7	24°16	11°33	5°22	2°33	7° 3	7°11	8°38	14°34	n.a.	M 9
T 10	6 36 57	10°46'28	2♎32	17° 3	25°28	25°54	24°28	11°37	5°25	2°32	7° 1	7°12	8°35	14°41	n.a.	T 10
W11	6 40 53	11°47'00	15° 4	16° 5	26°20	26°41	24°39	11°42	5°29	2°32	7° 0	7°R12	8°32	14°48	n.a.	W11
T 12	6 44 50	12°47'31	27°19	15° 2	27°12	27°28	24°51	11°46	5°32	2°31	6°58	7°11	8°29	14°55	n.a.	T 12
F 13	6 48 46	13°48'01	9♏22	13°55	28° 4	28°15	25° 2	11°51	5°35	2°30	6°57	7° 7	8°25	15° 1	n.a.	F 13
S 14	6 52 43	14°48'28	21°17	12°48	28°58	29° 1	25°13	11°55	5°38	2°29	6°55	7° 1	8°22	15° 8	n.a.	S 14
S 15	6 56 39	15°48'54	3♐ 8	11°41	29°52	29°48	25°25	12° 0	5°42	2°28	6°54	6°54	8°19	15°15	n.a.	S 15
M16	7 0 36	16°49'19	14°59	10°36	0♐46	0♒35	25°36	12° 4	5°45	2°27	6°53	6°44	8°16	15°21	n.a.	M16
T 17	7 4 32	17°49'42	26°52	9°35	1°41	1°22	25°47	12° 8	5°48	2°26	6°51	6°34	8°13	15°28	n.a.	T 17
W18	7 8 29	18°50'03	8♉49	8°38	2°37	2° 8	25°58	12°12	5°51	2°25	6°50	6°25	8°10	15°35	n.a.	W18
T 19	7 12 26	19°50'22	20°51	7°47	3°33	2°55	26° 8	12°16	5°55	2°24	6°48	6°16	8° 6	15°42	n.a.	T 19
F 20	7 16 22	20°50'40	3♒ 1	7° 3	4°30	3°41	26°19	12°20	5°58	2°23	6°47	6° 9	8° 3	15°48	n.a.	F 20
S 21	7 20 19	21°50'55	15°18	6°25	5°27	4°28	26°30	12°24	6° 1	2°21	6°46	6° 5	8° 0	15°55	n.a.	S 21
S 22	7 24 15	22°51'08	27°45	5°54	6°25	5°15	26°40	12°28	6° 5	2°20	6°44	6° 3	7°57	16° 2	n.a.	S 22
M23	7 28 12	23°51'19	10♓23	5°31	7°23	6° 1	26°50	12°31	6° 8	2°19	6°43	6°D 2	7°54	16° 9	n.a.	M23
T 24	7 32 8	24°51'28	23°14	5°14	8°21	6°48	27° 1	12°35	6°12	2°18	6°41	6° 3	7°50	16°15	n.a.	T 24
W25	7 36 5	25°51'34	6♈21	5° 5	9°20	7°34	27°11	12°38	6°15	2°17	6°40	6° 5	7°47	16°22	n.a.	W25
T 26	7 40 1	26°51'39	19°46	5°D 2	10°20	8°20	27°21	12°42	6°18	2°15	6°39	6° 6	7°44	16°29	n.a.	T 26
F 27	7 43 58	27°51'41	3♉32	5° 6	11°20	9° 7	27°31	12°45	6°22	2°14	6°37	6°R 6	7°41	16°35	n.a.	F 27
S 28	7 47 55	28°51'40	17°38	5°15	12°20	9°53	27°41	12°48	6°25	2°13	6°36	6° 5	7°38	16°42	n.a.	S 28
S 29	7 51 51	29°51'38	2♊ 4	5°31	13°20	10°39	27°51	12°51	6°28	2°11	6°35	6° 2	7°35	16°49	n.a.	S 29
M30	7 55 48	0♒51'33	16°47	5°52	14°21	11°26	28° 0	12°55	6°32	2°10	6°33	5°57	7°31	16°56	n.a.	M30
T 31	7 59 44	1♒51'25	1♋40	6♉17	15♐22	12♒12	28♏10	12♏58	6♒35	2♍ 9	6♋32	5♍52	7♍28	17♐ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
S 1	23s48	14n 2	4s52	21s30	0n55	13s 4	4n42	23s35	1s 8	18s13	0n32	13s32	1n53	20s 0	0s42	12n13	1n39	31n55	8n19	8n43	8n18	17s42			n.a.
M 2	23 47	16 58	5 3	21 10	1 12	13 17	4 41	23 28	1 8	18 16	0 32	13 33	1 53	19 59	0 42	12 13	1 39	31 55	8 19	8 46	8 19	17 43			n.a.
T 3	23 46	18 46	4 52	20 50	1 30	13 30	4 39	23 21	1 8	18 20	0 32	13 35	1 54	19 59	0 42	12 14	1 39	31 55	8 19	8 50	8 20	17 44			n.a.
W 4	23 44	19 13	4 21	20 31	1 47	13 44	4 37	23 13	1 8	18 23	0 32	13 36	1 54	19 58	0 42	12 14	1 39	31 55	8 19	8 54	8 21	17 45			n.a.
T 5	23 41	18 17	3 31	20 15	2 5	13 58	4 35	23 6	1 7	18 26	0 32	13 38	1 54	19 57	0 42	12 14	1 39	31 55	8 19	8 57	8 23	17 46			n.a.
F 6	23 38	16 7	2 28	20 0	2 22	14 12	4 33	22 58	1 7	18 29	0 31	13 39	1 54	19 56	0 42	12 15	1 39	31 55	8 19	8 59	8 24	17 47			n.a.
S 7	23 35	13 1	1 18	19 47	2 38	14 26	4 31	22 49	1 7	18 32	0 31	13 41	1 54	19 55	0 42	12 15	1 39	31 56	8 19	9 0	8 25	17 48			n.a.
S 8	23 31	9 16	0 5	19 37	2 54	14 41	4 28	22 41	1 7	18 35	0 31	13 42	1 54	19 55	0 42	12 15	1 39	31 56	8 19	9 1	8 26	17 48			n.a.
M 9	23 27	5 11	1n 6	19 29	3 8	14 56	4 26	22 32	1 7	18 38	0 31	13 43	1 54	19 54	0 42	12 16	1 39	31 56	8 19	9 1	8 28	17 49			n.a.
T 10	23 22	0 59	2 12	19 24	3 20	15 10	4 23	22 23	1 7	18 41	0 31	13 45	1 54	19 53	0 42	12 16	1 39	31 56	8 19	9 0	8 29	17 50			n.a.
W11	23 17	3s 8	3 9	19 20	3 31	15 25	4 20	22 14	1 6	18 44	0 31	13 46	1 54	19 52	0 42	12 16	1 39	31 56	8 19	9 0	8 30	17 51			n.a.
T 12	23 11	7 1	3 56	19 19	3 39	15 40	4 17	22 4	1 6	18 46	0 31	13 47	1 54	19 51	0 42	12 17	1 39	31 56	8 19	9 1	8 31	17 52			n.a.
F 13	23 5	10 33	4 31	19 20	3 46	15 55	4 14	21 55	1 6	18 49	0 31	13 49	1 55	19 51	0 42	12 17	1 39	31 56	8 20	9 2	8 32	17 53			n.a.
S 14	22 59	13 37	4 55	19 23	3 50	16 10	4 11	21 45	1 6	18 52	0 31	13 50	1 55	19 50	0 42	12 18	1 39	31 57	8 20	9 4	8 34	17 54			n.a.
S 15	22 52	16 7	5 5	19 27	3 51	16 25	4 7	21 35	1 6	18 55	0 31	13 51	1 55	19 49	0 42	12 18	1 39	31 57	8 20	9 7	8 35	17 54			n.a.
M16	22 44	17 56	5 3	19 33	3 51	16 39	4 4	21 24	1 5	18 57	0 31	13 52	1 55	19 48	0 42	12 18	1 39	31 57	8 20	9 11	8 36	17 55			n.a.
T 17	22 36	18 59	4 47	19 40	3 48	16 54	4 0	21 14	1 5	19 0	0 31	13 54	1 55	19 47	0 42	12 19	1 39	31 57	8 20	9 14	8 37	17 56			n.a.
W18	22 28	19 12	4 19	19 48	3 44	17 9	3 57	21 3	1 5	19 3	0 31	13 55	1 55	19 46	0 42	12 19	1 39	31 57	8 20	9 18	8 38	17 57			n.a.
T 19	22 19	18 33	3 39	19 58	3 38	17 23	3 53	20 52	1 5	19 5	0 31	13 56	1 55	19 46	0 42	12 20	1 39	31 57	8 20	9 21	8 40	17 58			n.a.
F 20	22 10	17 3	2 49	20 8	3 30	17 37	3 49	20 40	1 4	19 8	0 31	13 57	1 55	19 45	0 42	12 20	1 40	31 57	8 20	9 24	8 41	17 58			n.a.
S 21	22 1	14 45	1 50	20 19	3 21	17 52	3 45	20 29	1 4	19 10	0 31	13 58	1 56	19 44	0 42	12 21	1 40	31 57	8 20	9 25	8 42	17 59			n.a.
S 22	21 51	11 45	0 45	20 30	3 11	18 6	3 41	20 17	1 4	19 13	0 31	13 59	1 56	19 43	0 42	12 21	1 40	31 57	8 20	9 26	8 43	18 0			n.a.
M23	21 40	8 9	0s24	20 42	3 0	18 19	3 37	20 5	1 4	19 15	0 31	14 0	1 56	19 42	0 42	12 21	1 40	31 58	8 20	9 26	8 44	18 1			n.a.
T 24	21 29	4 8	1 32	20 54	2 48	18 33	3 32	19 53	1 3	19 18	0 31	14 1	1 56	19 41	0 42	12 22	1 40	31 58	8 20	9 26	8 46	18 2			n.a.
W25	21 18	0n10	2 37	21 7	2 36	18 46	3 28	19 41	1 3	19 20	0 31	14 2	1 56	19 40	0 42	12 22	1 40	31 58	8 20	9 25	8 47	18 3			n.a.
T 26	21 7	4 32	3 35	21 19	2 24	18 59	3 24	19 29	1 3	19 23	0 31	14 3	1 56	19 40	0 42	12 23	1 40	31 58	8 20	9 25	8 48	18 3			n.a.
F 27	20 55	8 47	4 22	21 32	2 11	19 12	3 19	19 16	1 3	19 25	0 31	14 4	1 56	19 39	0 42	12 23	1 40	31 58	8 20	9 25	8 49	18 4			n.a.
S 28	20 43	12 38	4 55	21 44	1 58	19 24	3 15	19 3	1 2	19 27	0 31	14 5	1 56	19 38	0 42	12 24	1 40	31 58	8 20	9 25	8 50	18 5			n.a.
S 29	20 30	15 50	5 10	21 56	1 46	19 36	3 10	18 50	1 2	19 30	0 31	14 6	1 57	19 37	0 42	12 24	1 40	31 58	8 20	9 27	8 52	18 6			n.a.
M30	20 17	18 5	5 6	22 8	1 33	19 48	3 6	18 37	1 2	19 32	0 31	14 6	1 57	19 36	0 42	12 25	1 40	31 58	8 20	9 28	8 53	18 6			n.a.
T 31	20s 3	19n 8	4s40	22s20	1n20	20s 0	3n 1	18s23	1s 1	19s34	0n30	14s 7	1n57	19s35	0s42	12n26	1n40	31n58	8n20	9n30	8n54	18s 7			n.a.

Julian Day Number = 1349598.5, Delta T = 07h08m30s
Ecliptic obliquity = 23°48'50, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'46, Lahiri = -18°00'45 Julian Calendar 1 Jan. 1018 BCE == Greg. Calendar 22 Dec. 1019 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

FEBRUARY 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 3 41	2♒51'16	16♋36	6♉48	16♐24	12♒58	28♏19	13♏ 0	6♒39	2°R 7	6°R31	5°R47	7♍25	17♐ 9	n.a.	W 1
T 2	8 7 37	3°51'04	1♌27	7°23	17°25	13°44	28°28	13° 3	6°42	2♍ 6	6♋30	5♍43	7°22	17°16	n.a.	T 2
F 3	8 11 34	4°50'50	16° 4	8° 3	18°28	14°30	28°38	13° 6	6°46	2° 5	6°28	5°40	7°19	17°23	n.a.	F 3
S 4	8 15 30	5°50'34	0♍20	8°46	19°30	15°16	28°47	13° 9	6°49	2° 3	6°27	5°D39	7°16	17°29	n.a.	S 4
S 5	8 19 27	6°50'16	14°11	9°33	20°33	16° 2	28°56	13°11	6°52	2° 2	6°26	5°39	7°12	17°36	n.a.	S 5
M 6	8 23 24	7°49'56	27°37	10°23	21°36	16°48	29° 4	13°14	6°56	2° 0	6°25	5°40	7° 9	17°43	n.a.	M 6
T 7	8 27 20	8°49'34	10♎38	11°17	22°39	17°34	29°13	13°16	6°59	1°59	6°24	5°42	7° 6	17°49	n.a.	T 7
W 8	8 31 17	9°49'10	23°16	12°13	23°42	18°20	29°22	13°18	7° 3	1°57	6°22	5°43	7° 3	17°56	n.a.	W 8
T 9	8 35 13	10°48'44	5♏36	13°12	24°46	19° 6	29°30	13°20	7° 6	1°56	6°21	5°R44	7° 0	18° 3	n.a.	T 9
F 10	8 39 10	11°48'17	17°42	14°14	25°50	19°51	29°38	13°23	7°10	1°54	6°20	5°44	6°56	18°10	n.a.	F 10
S 11	8 43 6	12°47'47	29°39	15°19	26°54	20°37	29°47	13°25	7°13	1°53	6°19	5°43	6°53	18°16	n.a.	S 11
S 12	8 47 3	13°47'16	11♐31	16°26	27°59	21°23	29°55	13°26	7°16	1°51	6°18	5°41	6°50	18°23	n.a.	S 12
M13	8 50 59	14°46'42	23°22	17°35	29° 4	22° 9	0♐ 3	13°28	7°20	1°50	6°17	5°38	6°47	18°30	n.a.	M13
T 14	8 54 56	15°46'07	5♑17	18°46	0♑ 8	22°54	0°10	13°30	7°23	1°48	6°16	5°35	6°44	18°36	n.a.	T 14
W15	8 58 52	16°45'30	17°19	19°59	1°13	23°40	0°18	13°32	7°27	1°47	6°15	5°32	6°41	18°43	n.a.	W15
T 16	9 2 49	17°44'51	29°29	21°14	2°19	24°25	0°25	13°33	7°30	1°45	6°14	5°29	6°37	18°50	n.a.	T 16
F 17	9 6 46	18°44'09	11♒50	22°31	3°24	25°11	0°33	13°34	7°33	1°44	6°13	5°27	6°34	18°57	n.a.	F 17
S 18	9 10 42	19°43'25	24°23	23°50	4°30	25°56	0°40	13°36	7°37	1°42	6°12	5°26	6°31	19° 3	n.a.	S 18
S 19	9 14 39	20°42'39	7♓ 9	25°11	5°36	26°42	0°47	13°37	7°40	1°40	6°11	5°D25	6°28	19°10	n.a.	S 19
M20	9 18 35	21°41'51	20° 7	26°33	6°42	27°27	0°54	13°38	7°43	1°39	6°10	5°26	6°25	19°17	n.a.	M20
T 21	9 22 32	22°41'01	3♈19	27°58	7°48	28°12	1° 1	13°39	7°47	1°37	6° 9	5°27	6°21	19°23	n.a.	T 21
W22	9 26 28	23°40'08	16°43	29°23	8°54	28°58	1° 7	13°40	7°50	1°35	6° 8	5°28	6°18	19°30	n.a.	W22
T 23	9 30 25	24°39'12	0♉21	0♒51	10° 0	29°43	1°14	13°41	7°53	1°34	6° 7	5°29	6°15	19°37	n.a.	T 23
F 24	9 34 21	25°38'15	14°12	2°19	11° 7	0♓28	1°20	13°42	7°57	1°32	6° 6	5°29	6°12	19°44	n.a.	F 24
S 25	9 38 18	26°37'14	28°16	3°50	12°14	1°13	1°26	13°42	8° 0	1°31	6° 5	5°R29	6° 9	19°50	n.a.	S 25
S 26	9 42 14	27°36'12	12♊30	5°22	13°21	1°58	1°32	13°43	8° 3	1°29	6° 4	5°29	6° 6	19°57	n.a.	S 26
M27	9 46 11	28°35'07	26°52	6°55	14°28	2°43	1°38	13°43	8° 7	1°27	6° 4	5°29	6° 2	20° 4	n.a.	M27
T 28	9 50 8	29♒33'59	11♋20	8♒30	15♑35	3♓28	1♐44	13♏44	8♒10	1♍26	6♋ 3	5♍28	5♍59	20♐11	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s50	18n52	3s56	22s30	1n 8	20s11	2n57	18s10	1s 1	19s36	0n30	14s 8	1n57	19s34	0s42	12n26	1n40	31n58	8n20	9n32	8n55	18s 8		n.a.
T 2	19 36	17 17	2 56	22 41	0 56	20 21	2 52	17 56	1 1	19 38	0 30	14 9	1 57	19 34	0 42	12 27	1 40	31 58	8 20	9 34	8 56	18 9		n.a.
F 3	19 21	14 36	1 45	22 50	0 44	20 32	2 47	17 42	1 1	19 40	0 30	14 9	1 57	19 33	0 42	12 27	1 40	31 58	8 20	9 35	8 58	18 10		n.a.
S 4	19 6	11 5	0 29	22 59	0 32	20 41	2 43	17 28	1 0	19 42	0 30	14 10	1 57	19 32	0 42	12 28	1 40	31 58	8 20	9 35	8 59	18 10		n.a.
S 5	18 51	7 2	0n47	23 7	0 21	20 51	2 38	17 14	1 0	19 44	0 30	14 11	1 57	19 31	0 42	12 28	1 40	31 58	8 20	9 35	9 0	18 11		n.a.
M 6	18 36	2 45	1 58	23 14	0 10	21 0	2 33	16 59	1 0	19 46	0 30	14 11	1 58	19 30	0 42	12 29	1 40	31 58	8 20	9 35	9 1	18 12		n.a.
T 7	18 20	1s31	3 0	23 21	0s 1	21 8	2 28	16 45	0 59	19 48	0 30	14 12	1 58	19 29	0 42	12 29	1 40	31 58	8 19	9 34	9 2	18 13		n.a.
W 8	18 4	5 35	3 52	23 26	0 11	21 17	2 23	16 30	0 59	19 50	0 30	14 12	1 58	19 28	0 42	12 30	1 40	31 58	8 19	9 33	9 4	18 13		n.a.
T 9	17 48	9 19	4 32	23 30	0 21	21 24	2 18	16 15	0 59	19 52	0 30	14 13	1 58	19 27	0 42	12 31	1 40	31 58	8 19	9 33	9 5	18 14		n.a.
F 10	17 31	12 36	4 59	23 33	0 31	21 31	2 14	16 0	0 58	19 54	0 30	14 13	1 58	19 27	0 42	12 31	1 40	31 58	8 19	9 33	9 6	18 15		n.a.
S 11	17 14	15 18	5 13	23 35	0 40	21 38	2 9	15 45	0 58	19 56	0 30	14 14	1 58	19 26	0 42	12 32	1 40	31 58	8 19	9 33	9 7	18 16		n.a.
S 12	16 57	17 21	5 13	23 36	0 49	21 44	2 4	15 30	0 57	19 57	0 30	14 14	1 58	19 25	0 42	12 32	1 40	31 58	8 19	9 34	9 8	18 16		n.a.
M13	16 39	18 39	5 0	23 35	0 57	21 50	1 59	15 15	0 57	19 59	0 30	14 15	1 59	19 24	0 42	12 33	1 40	31 58	8 19	9 35	9 10	18 17		n.a.
T 14	16 22	19 9	4 33	23 33	1 5	21 55	1 54	14 59	0 57	20 1	0 30	14 15	1 59	19 23	0 42	12 33	1 40	31 58	8 19	9 37	9 11	18 18		n.a.
W15	16 3	18 47	3 55	23 30	1 13	21 59	1 49	14 44	0 56	20 3	0 30	14 15	1 59	19 22	0 42	12 34	1 40	31 58	8 19	9 38	9 12	18 19		n.a.
T 16	15 45	17 33	3 6	23 26	1 20	22 3	1 45	14 28	0 56	20 4	0 30	14 16	1 59	19 21	0 42	12 35	1 40	31 58	8 19	9 39	9 13	18 19		n.a.
F 17	15 27	15 29	2 7	23 20	1 27	22 7	1 40	14 12	0 56	20 6	0 30	14 16	1 59	19 20	0 42	12 35	1 41	31 58	8 19	9 40	9 14	18 20		n.a.
S 18	15 8	12 39	1 1	23 12	1 33	22 9	1 35	13 56	0 55	20 7	0 30	14 16	1 59	19 20	0 42	12 36	1 41	31 58	8 19	9 40	9 16	18 21		n.a.
S 19	14 49	9 10	0s10	23 4	1 39	22 12	1 30	13 40	0 55	20 9	0 30	14 16	1 59	19 19	0 42	12 36	1 41	31 58	8 19	9 40	9 17	18 22		n.a.
M20	14 30	5 12	1 20	22 53	1 45	22 13	1 25	13 24	0 54	20 10	0 30	14 17	2 0	19 18	0 42	12 37	1 41	31 58	8 19	9 40	9 18	18 22		n.a.
T 21	14 10	0 56	2 28	22 41	1 50	22 15	1 20	13 7	0 54	20 12	0 30	14 17	2 0	19 17	0 42	12 38	1 41	31 58	8 18	9 40	9 19	18 23		n.a.
W22	13 50	3n28	3 29	22 28	1 55	22 15	1 16	12 51	0 54	20 13	0 30	14 17	2 0	19 16	0 42	12 38	1 41	31 58	8 18	9 39	9 20	18 24		n.a.
T 23	13 31	7 44	4 19	22 13	1 59	22 15	1 11	12 35	0 53	20 15	0 30	14 17	2 0	19 15	0 42	12 39	1 41	31 58	8 18	9 39	9 21	18 25		n.a.
F 24	13 10	11 39	4 55	21 57	2 3	22 14	1 6	12 18	0 53	20 16	0 30	14 17	2 0	19 14	0 42	12 39	1 41	31 58	8 18	9 39	9 23	18 25		n.a.
S 25	12 50	14 59	5 14	21 38	2 6	22 13	1 2	12 1	0 52	20 17	0 30	14 17	2 0	19 14	0 42	12 40	1 41	31 58	8 18	9 39	9 24	18 26		n.a.
S 26	12 30	17 27	5 14	21 18	2 9	22 11	0 57	11 45	0 52	20 18	0 30	14 17	2 1	19 13	0 42	12 41	1 41	31 58	8 18	9 39	9 25	18 27		n.a.
M27	12 9	18 52	4 55	20 57	2 11	22 9	0 52	11 28	0 51	20 20	0 30	14 17	2 1	19 12	0 42	12 41	1 41	31 58	8 18	9 39	9 26	18 27		n.a.
T 28	11s48	19n 3	4s17	20s34	2s13	22s 6	0n48	11s11	0s51	20s21	0n30	14s17	2n 1	19s11	0s42	12n42	1n41	31n58	8n18	9n39	9n27	18s28		n.a.

Julian Day Number = 1349629.5, Delta T = 07h08m29s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'41, Lahiri = -18°00'41 Julian Calendar 1 Feb. 1018 BCE == Greg. Calendar 22 Jan. 1018 BCE

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

MARCH 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 54 4	0♓32'49	25♋48	10♒ 7	16♉42	4♓13	1♐49	13♏44	8♒13	1°R24	6°R 2	5°R27	5♍56	20♐17	n.a.	W 1
T 2	9 58 1	1°31'37	10♌11	11°45	17°49	4°58	1°55	13°44	8°16	1♍22	6♋ 1	5♍27	5°53	20°24	n.a.	T 2
F 3	10 1 57	2°30'22	24°25	13°24	18°57	5°43	2° 0	13°R44	8°19	1°21	6° 1	5°27	5°50	20°31	n.a.	F 3
S 4	10 5 54	3°29'06	8♍24	15° 5	20° 4	6°28	2° 5	13°44	8°23	1°19	6° 0	5°D27	5°47	20°37	n.a.	S 4
S 5	10 9 50	4°27'47	22° 5	16°48	21°12	7°12	2°10	13°44	8°26	1°17	5°59	5°27	5°43	20°44	n.a.	S 5
M 6	10 13 47	5°26'26	5♎26	18°32	22°20	7°57	2°14	13°44	8°29	1°16	5°59	5°R27	5°40	20°51	n.a.	M 6
T 7	10 17 43	6°25'03	18°26	20°18	23°28	8°42	2°19	13°43	8°32	1°14	5°58	5°27	5°37	20°58	n.a.	T 7
W 8	10 21 40	7°23'38	1♏ 7	22° 5	24°36	9°26	2°23	13°43	8°35	1°13	5°58	5°27	5°34	21° 4	n.a.	W 8
T 9	10 25 36	8°22'12	13°30	23°53	25°44	10°11	2°27	13°42	8°38	1°11	5°57	5°26	5°31	21°11	n.a.	T 9
F 10	10 29 33	9°20'44	25°39	25°44	26°53	10°55	2°32	13°42	8°41	1° 9	5°57	5°26	5°27	21°18	n.a.	F 10
S 11	10 33 30	10°19'14	7♐38	27°35	28° 1	11°40	2°35	13°41	8°44	1° 8	5°56	5°D26	5°24	21°24	n.a.	S 11
S 12	10 37 26	11°17'42	19°31	29°29	29° 9	12°24	2°39	13°40	8°47	1° 6	5°56	5°26	5°21	21°31	n.a.	S 12
M13	10 41 23	12°16'08	1♑24	1♓24	0♒18	13° 8	2°43	13°39	8°50	1° 4	5°55	5°26	5°18	21°38	n.a.	M13
T 14	10 45 19	13°14'33	13°21	3°20	1°27	13°52	2°46	13°38	8°53	1° 3	5°55	5°27	5°15	21°45	n.a.	T 14
W15	10 49 16	14°12'56	25°25	5°18	2°35	14°37	2°49	13°37	8°56	1° 1	5°54	5°28	5°12	21°51	n.a.	W15
T 16	10 53 12	15°11'17	7♒41	7°18	3°44	15°21	2°52	13°36	8°59	1° 0	5°54	5°29	5° 8	21°58	n.a.	T 16
F 17	10 57 9	16° 9'36	20°12	9°19	4°53	16° 5	2°55	13°34	9° 2	0°58	5°54	5°29	5° 5	22° 5	n.a.	F 17
S 18	11 1 5	17° 7'54	2♓59	11°21	6° 2	16°49	2°57	13°33	9° 5	0°56	5°53	5°R30	5° 2	22°11	n.a.	S 18
S 19	11 5 2	18° 6'10	16° 4	13°25	7°11	17°33	3° 0	13°32	9° 8	0°55	5°53	5°30	4°59	22°18	n.a.	S 19
M20	11 8 59	19° 4'23	29°26	15°30	8°20	18°17	3° 2	13°30	9°11	0°53	5°53	5°29	4°56	22°25	n.a.	M20
T 21	11 12 55	20° 2'35	13♈ 3	17°36	9°30	19° 1	3° 4	13°28	9°13	0°52	5°53	5°27	4°53	22°32	n.a.	T 21
W22	11 16 52	21° 0'45	26°54	19°43	10°39	19°45	3° 6	13°27	9°16	0°50	5°52	5°25	4°49	22°38	n.a.	W22
T 23	11 20 48	21°58'53	10♉56	21°51	11°48	20°29	3° 8	13°25	9°19	0°49	5°52	5°23	4°46	22°45	n.a.	T 23
F 24	11 24 45	22°56'58	25° 4	24° 0	12°58	21°12	3° 9	13°23	9°22	0°47	5°52	5°21	4°43	22°52	n.a.	F 24
S 25	11 28 41	23°55'02	9♊17	26° 9	14° 7	21°56	3°10	13°21	9°24	0°46	5°52	5°20	4°40	22°58	n.a.	S 25
S 26	11 32 38	24°53'04	23°31	28°18	15°17	22°40	3°11	13°19	9°27	0°44	5°52	5°D19	4°37	23° 5	n.a.	S 26
M27	11 36 34	25°51'03	7♋43	0♈27	16°26	23°23	3°12	13°17	9°30	0°43	5°52	5°20	4°33	23°12	n.a.	M27
T 28	11 40 31	26°49'01	21°52	2°36	17°36	24° 7	3°13	13°14	9°32	0°41	5°52	5°21	4°30	23°19	n.a.	T 28
W29	11 44 27	27°46'56	5♌55	4°44	18°46	24°50	3°14	13°12	9°35	0°40	5°D52	5°22	4°27	23°25	n.a.	W29
T 30	11 48 24	28°44'50	19°50	6°51	19°56	25°34	3°14	13°10	9°37	0°39	5°52	5°24	4°24	23°32	n.a.	T 30
F 31	11 52 21	29♓42'41	3♍36	8♈57	21♒ 6	26♓17	3°R14	13♏ 7	9♒40	0♍37	5♋52	5°R24	4♍21	23♐39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	11s27	18n 0	3s23	20s 9	2s15	22s 2	0n43	10s54	0s51	20s22	0n30	14s17	2n 1	19s10	0s42	12n43	1n41	31n57	8n18	9n39	9n29	18s29			n.a.
T 2	11 6	15 48	2 16	19 42	2 16	21 58	0 39	10 37	0 50	20 23	0 30	14 17	2 1	19 9	0 42	12 43	1 41	31 57	8 17	9 39	9 30	18 29			n.a.
F 3	10 45	12 38	1 1	19 14	2 16	21 53	0 34	10 20	0 50	20 24	0 30	14 17	2 1	19 8	0 42	12 44	1 41	31 57	8 17	9 40	9 31	18 30			n.a.
S 4	10 23	8 48	0n16	18 44	2 16	21 48	0 30	10 2	0 49	20 25	0 29	14 17	2 1	19 8	0 42	12 44	1 41	31 57	8 17	9 40	9 32	18 31			n.a.
S 5	10 1	4 35	1 31	18 12	2 16	21 41	0 26	9 45	0 49	20 26	0 29	14 17	2 2	19 7	0 42	12 45	1 41	31 57	8 17	9 40	9 33	18 32			n.a.
M 6	9 40	0 14	2 39	17 38	2 15	21 35	0 21	9 28	0 48	20 27	0 29	14 16	2 2	19 6	0 42	12 46	1 41	31 57	8 17	9 40	9 35	18 32			n.a.
T 7	9 18	4s 0	3 37	17 3	2 13	21 28	0 17	9 10	0 48	20 28	0 29	14 16	2 2	19 5	0 42	12 46	1 41	31 57	8 17	9 40	9 36	18 33			n.a.
W 8	8 56	7 57	4 22	16 26	2 11	21 20	0 13	8 53	0 47	20 29	0 29	14 16	2 2	19 4	0 42	12 47	1 41	31 57	8 17	9 40	9 37	18 34			n.a.
T 9	8 34	11 28	4 54	15 47	2 8	21 11	0 9	8 35	0 47	20 30	0 29	14 16	2 2	19 4	0 42	12 47	1 41	31 57	8 17	9 40	9 38	18 34			n.a.
F 10	8 11	14 25	5 12	15 6	2 5	21 2	0 5	8 18	0 46	20 31	0 29	14 15	2 2	19 3	0 42	12 48	1 41	31 57	8 16	9 40	9 39	18 35			n.a.
S 11	7 49	16 43	5 17	14 24	2 2	20 52	0 1	8 0	0 46	20 32	0 29	14 15	2 2	19 2	0 42	12 49	1 41	31 56	8 16	9 40	9 40	18 36			n.a.
S 12	7 26	18 17	5 8	13 40	1 57	20 42	0s 3	7 43	0 45	20 32	0 29	14 15	2 2	19 1	0 42	12 49	1 41	31 56	8 16	9 40	9 42	18 36			n.a.
M13	7 4	19 3	4 45	12 54	1 53	20 31	0 7	7 25	0 45	20 33	0 29	14 14	2 3	19 0	0 42	12 50	1 41	31 56	8 16	9 40	9 43	18 37			n.a.
T 14	6 41	18 59	4 10	12 6	1 47	20 20	0 11	7 7	0 44	20 34	0 29	14 14	2 3	19 0	0 42	12 50	1 41	31 56	8 16	9 39	9 44	18 38			n.a.
W15	6 18	18 3	3 24	11 17	1 41	20 8	0 15	6 50	0 44	20 34	0 29	14 13	2 3	18 59	0 42	12 51	1 41	31 56	8 16	9 39	9 45	18 38			n.a.
T 16	5 55	16 15	2 28	10 26	1 35	19 55	0 19	6 32	0 44	20 35	0 29	14 13	2 3	18 58	0 42	12 51	1 41	31 56	8 16	9 39	9 46	18 39			n.a.
F 17	5 33	13 39	1 24	9 33	1 28	19 42	0 22	6 14	0 43	20 36	0 29	14 12	2 3	18 57	0 42	12 52	1 41	31 56	8 15	9 39	9 48	18 40			n.a.
S 18	5 10	10 21	0 14	8 39	1 21	19 29	0 26	5 56	0 43	20 36	0 29	14 12	2 3	18 57	0 42	12 53	1 41	31 56	8 15	9 38	9 49	18 40			n.a.
S 19	4 46	6 28	0s58	7 44	1 13	19 14	0 30	5 38	0 42	20 37	0 29	14 11	2 3	18 56	0 42	12 53	1 41	31 55	8 15	9 38	9 50	18 41			n.a.
M20	4 23	2 11	2 9	6 47	1 4	19 0	0 33	5 20	0 42	20 37	0 29	14 11	2 3	18 55	0 42	12 54	1 41	31 55	8 15	9 39	9 51	18 42			n.a.
T 21	4 0	2n17	3 13	5 49	0 55	18 44	0 36	5 2	0 41	20 38	0 29	14 10	2 4	18 54	0 42	12 54	1 41	31 55	8 15	9 39	9 52	18 42			n.a.
W22	3 37	6 42	4 7	4 50	0 46	18 28	0 40	4 44	0 40	20 38	0 29	14 9	2 4	18 54	0 42	12 55	1 41	31 55	8 15	9 40	9 53	18 43			n.a.
T 23	3 14	10 48	4 47	3 50	0 36	18 12	0 43	4 26	0 40	20 38	0 29	14 9	2 4	18 53	0 42	12 55	1 41	31 55	8 15	9 41	9 55	18 43			n.a.
F 24	2 50	14 19	5 10	2 49	0 26	17 55	0 46	4 8	0 39	20 39	0 29	14 8	2 4	18 52	0 42	12 56	1 41	31 55	8 14	9 42	9 56	18 44			n.a.
S 25	2 27	17 0	5 15	1 48	0 16	17 38	0 49	3 51	0 39	20 39	0 29	14 7	2 4	18 52	0 42	12 56	1 41	31 55	8 14	9 42	9 57	18 45			n.a.
S 26	2 4	18 40	5 0	0 46	0 6	17 20	0 52	3 33	0 38	20 39	0 29	14 7	2 4	18 51	0 42	12 57	1 41	31 54	8 14	9 42	9 58	18 45			n.a.
M27	1 40	19 9	4 26	0n16	0n 5	17 2	0 55	3 15	0 38	20 40	0 29	14 6	2 4	18 50	0 42	12 57	1 41	31 54	8 14	9 42	9 59	18 46			n.a.
T 28	1 17	18 26	3 37	1 18	0 16	16 43	0 58	2 57	0 37	20 40	0 29	14 5	2 4	18 49	0 42	12 58	1 41	31 54	8 14	9 42	10 1	18 47			n.a.
W29	0 54	16 35	2 35	2 19	0 27	16 24	1 1	2 39	0 37	20 40	0 29	14 4	2 4	18 49	0 42	12 58	1 41	31 54	8 14	9 41	10 2	18 47			n.a.
T 30	0 30	13 45	1 25	3 20	0 37	16 4	1 4	2 21	0 36	20 40	0 28	14 3	2 5	18 48	0 43	12 59	1 41	31 54	8 13	9 41	10 3	18 48			n.a.
F 31	0s 7	10n11	0s10	4n20	0n48	15s44	1s 6	2s 3	0s36	20s40	0n28	14s 3	2n 5	18s48	0s43	12n59	1n41	31n54	8n13	9n41	10n 4	18s48			n.a.

Julian Day Number = 1349657.5, Delta T = 07h08m27s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'38, Lahiri = -18°00'37 Julian Calendar 1 March 1018 BCE == Greg. Calendar 19 Feb. 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

APRIL 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 56 17	0♈40'31	17♍10	11♈ 2	22♒16	27♓ 1	3°R14	13°R 4	9♒42	0°R36	5♋52	5°R24	4♍18	23♐45	n.a.	S 1
S 2	12 0 14	1°38'19	0♎31	13° 4	23°26	27°44	3♐14	13♏ 2	9°45	0♍34	5°52	5♍22	4°14	23°52	n.a.	S 2
M 3	12 4 10	2°36'06	13°37	15° 5	24°36	28°27	3°14	12°59	9°47	0°33	5°52	5°19	4°11	23°59	n.a.	M 3
T 4	12 8 7	3°33'50	26°28	17° 3	25°46	29°10	3°13	12°56	9°49	0°32	5°52	5°15	4° 8	24° 6	n.a.	T 4
W 5	12 12 3	4°31'34	9♏ 3	18°59	26°56	29°53	3°12	12°53	9°52	0°30	5°53	5°10	4° 5	24°12	n.a.	W 5
T 6	12 16 0	5°29'16	21°24	20°52	28° 6	0♈36	3°11	12°50	9°54	0°29	5°53	5° 5	4° 2	24°19	n.a.	T 6
F 7	12 19 56	6°26'57	3♐32	22°42	29°16	1°19	3°10	12°47	9°56	0°28	5°53	5° 1	3°58	24°26	n.a.	F 7
S 8	12 23 53	7°24'36	15°32	24°29	0♓27	2° 2	3° 9	12°44	9°58	0°27	5°53	4°57	3°55	24°32	n.a.	S 8
S 9	12 27 50	8°22'15	27°25	26°14	1°37	2°45	3° 7	12°41	10° 0	0°25	5°54	4°55	3°52	24°39	n.a.	S 9
M10	12 31 46	9°19'52	9♑18	27°55	2°47	3°28	3° 6	12°38	10° 3	0°24	5°54	4°D55	3°49	24°46	n.a.	M10
T 11	12 35 43	10°17'28	21°14	29°33	3°58	4°11	3° 4	12°35	10° 5	0°23	5°54	4°55	3°46	24°53	n.a.	T 11
W12	12 39 39	11°15'03	3♒19	1♉ 7	5° 8	4°54	3° 2	12°31	10° 7	0°22	5°55	4°57	3°43	24°59	n.a.	W12
T 13	12 43 36	12°12'37	15°37	2°38	6°19	5°36	2°59	12°28	10° 9	0°21	5°55	4°58	3°39	25° 6	n.a.	T 13
F 14	12 47 32	13°10'10	28°13	4° 6	7°30	6°19	2°57	12°24	10°11	0°20	5°56	4°59	3°36	25°13	n.a.	F 14
S 15	12 51 29	14° 7'41	11♓ 9	5°30	8°40	7° 2	2°54	12°21	10°13	0°19	5°56	4°R59	3°33	25°19	n.a.	S 15
S 16	12 55 25	15° 5'12	24°28	6°51	9°51	7°44	2°52	12°17	10°14	0°17	5°56	4°58	3°30	25°26	n.a.	S 16
M17	12 59 22	16° 2'41	8♈10	8° 8	11° 2	8°27	2°49	12°13	10°16	0°16	5°57	4°54	3°27	25°33	n.a.	M17
T 18	13 3 18	17° 0'09	22°12	9°22	12°13	9° 9	2°45	12°10	10°18	0°15	5°58	4°49	3°24	25°40	n.a.	T 18
W19	13 7 15	17°57'36	6♉30	10°32	13°24	9°52	2°42	12° 6	10°20	0°14	5°58	4°43	3°20	25°46	n.a.	W19
T 20	13 11 12	18°55'02	21° 0	11°39	14°34	10°34	2°39	12° 2	10°22	0°13	5°59	4°36	3°17	25°53	n.a.	T 20
F 21	13 15 8	19°52'26	5♊33	12°41	15°45	11°16	2°35	11°58	10°23	0°12	5°59	4°30	3°14	26° 0	n.a.	F 21
S 22	13 19 5	20°49'50	20° 4	13°40	16°56	11°59	2°31	11°54	10°25	0°12	6° 0	4°25	3°11	26° 6	n.a.	S 22
S 23	13 23 1	21°47'12	4♋29	14°35	18° 7	12°41	2°27	11°50	10°26	0°11	6° 1	4°22	3° 8	26°13	n.a.	S 23
M24	13 26 58	22°44'32	18°42	15°26	19°18	13°23	2°23	11°46	10°28	0°10	6° 1	4°D21	3° 4	26°20	n.a.	M24
T 25	13 30 54	23°41'51	2♌43	16°13	20°29	14° 5	2°19	11°42	10°30	0° 9	6° 2	4°21	3° 1	26°27	n.a.	T 25
W26	13 34 51	24°39'09	16°31	16°55	21°41	14°47	2°14	11°38	10°31	0° 8	6° 3	4°22	2°58	26°33	n.a.	W26
T 27	13 38 48	25°36'26	0♍ 6	17°34	22°52	15°29	2° 9	11°34	10°32	0° 7	6° 4	4°R23	2°55	26°40	n.a.	T 27
F 28	13 42 44	26°33'41	13°28	18° 8	24° 3	16°11	2° 5	11°30	10°34	0° 7	6° 4	4°22	2°52	26°47	n.a.	F 28
S 29	13 46 41	27°30'56	26°38	18°38	25°14	16°53	2° 0	11°26	10°35	0° 6	6° 5	4°20	2°49	26°53	n.a.	S 29
S 30	13 50 37	28♈28'09	9♎37	19♉ 3	26♓25	17♈35	1♐55	11♏22	10♒36	0♍ 5	6♋ 6	4♍16	2♍45	27♐ 0	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n16	6n 8	1n 4	5n19	0n59	15s23	1s 9	1s45	0s35	20s40	0n28	14s 2	2n 5	18s47	0s43	13n 0	1n41	31n54	8n13	9n41	10n 5	18s49		n.a.
S 2	0 40	1 50	2 14	6 17	1 9	15 2	1 11	1 27	0 35	20 40	0 28	14 1	2 5	18 46	0 43	13 0	1 41	31 53	8 13	9 41	10 6	18 50		n.a.
M 3	1 3	2s29	3 14	7 14	1 19	14 41	1 14	1 9	0 34	20 40	0 28	14 0	2 5	18 46	0 43	13 1	1 40	31 53	8 13	9 42	10 8	18 50		n.a.
T 4	1 26	6 35	4 4	8 9	1 28	14 19	1 16	0 51	0 34	20 40	0 28	13 59	2 5	18 45	0 43	13 1	1 40	31 53	8 13	9 44	10 9	18 51		n.a.
W 5	1 50	10 18	4 41	9 2	1 37	13 57	1 18	0 33	0 33	20 40	0 28	13 58	2 5	18 44	0 43	13 2	1 40	31 53	8 13	9 46	10 10	18 51		n.a.
T 6	2 13	13 31	5 3	9 53	1 45	13 34	1 20	0 15	0 32	20 40	0 28	13 57	2 5	18 44	0 43	13 2	1 40	31 53	8 12	9 48	10 11	18 52		n.a.
F 7	2 36	16 5	5 12	10 43	1 53	13 11	1 22	0n 3	0 32	20 40	0 28	13 56	2 5	18 43	0 43	13 3	1 40	31 53	8 12	9 49	10 12	18 53		n.a.
S 8	2 59	17 56	5 7	11 30	2 0	12 48	1 24	0 21	0 31	20 39	0 28	13 55	2 5	18 43	0 43	13 3	1 40	31 52	8 12	9 50	10 13	18 53		n.a.
S 9	3 22	18 59	4 49	12 15	2 7	12 24	1 26	0 39	0 31	20 39	0 28	13 54	2 5	18 42	0 43	13 3	1 40	31 52	8 12	9 51	10 15	18 54		n.a.
M10	3 45	19 12	4 18	12 57	2 13	12 0	1 28	0 56	0 30	20 39	0 28	13 53	2 5	18 42	0 43	13 4	1 40	31 52	8 12	9 51	10 16	18 54		n.a.
T 11	4 8	18 33	3 36	13 38	2 18	11 36	1 30	1 14	0 30	20 39	0 28	13 52	2 6	18 41	0 43	13 4	1 40	31 52	8 12	9 51	10 17	18 55		n.a.
W12	4 31	17 4	2 44	14 16	2 22	11 11	1 31	1 32	0 29	20 38	0 28	13 51	2 6	18 41	0 43	13 5	1 40	31 52	8 11	9 51	10 18	18 55		n.a.
T 13	4 54	14 45	1 44	14 51	2 26	10 46	1 33	1 50	0 29	20 38	0 28	13 50	2 6	18 40	0 43	13 5	1 40	31 52	8 11	9 50	10 19	18 56		n.a.
F 14	5 17	11 42	0 37	15 25	2 29	10 21	1 35	2 7	0 28	20 38	0 28	13 48	2 6	18 39	0 43	13 5	1 40	31 51	8 11	9 50	10 20	18 57		n.a.
S 15	5 39	8 1	0s33	15 56	2 31	9 55	1 36	2 25	0 27	20 37	0 28	13 47	2 6	18 39	0 43	13 6	1 40	31 51	8 11	9 50	10 22	18 57		n.a.
S 16	6 2	3 49	1 44	16 24	2 32	9 29	1 37	2 42	0 27	20 37	0 27	13 46	2 6	18 38	0 43	13 6	1 40	31 51	8 11	9 50	10 23	18 58		n.a.
M17	6 24	0n41	2 50	16 51	2 33	9 3	1 38	3 0	0 26	20 36	0 27	13 45	2 6	18 38	0 43	13 6	1 40	31 51	8 11	9 52	10 24	18 58		n.a.
T 18	6 47	5 16	3 48	17 14	2 32	8 37	1 40	3 17	0 26	20 36	0 27	13 44	2 6	18 38	0 43	13 7	1 40	31 51	8 10	9 53	10 25	18 59		n.a.
W19	7 9	9 37	4 32	17 36	2 31	8 10	1 41	3 35	0 25	20 35	0 27	13 43	2 6	18 37	0 43	13 7	1 40	31 50	8 10	9 56	10 26	18 59		n.a.
T 20	7 31	13 28	5 0	17 55	2 29	7 43	1 42	3 52	0 25	20 34	0 27	13 41	2 6	18 37	0 43	13 7	1 40	31 50	8 10	9 58	10 27	19 0		n.a.
F 21	7 53	16 31	5 8	18 12	2 26	7 16	1 42	4 10	0 24	20 34	0 27	13 40	2 6	18 36	0 43	13 8	1 40	31 50	8 10	10 1	10 29	19 0		n.a.
S 22	8 15	18 30	4 57	18 26	2 22	6 49	1 43	4 27	0 23	20 33	0 27	13 39	2 6	18 36	0 43	13 8	1 40	31 50	8 10	10 2	10 30	19 1		n.a.
S 23	8 37	19 17	4 27	18 39	2 17	6 22	1 44	4 44	0 23	20 32	0 27	13 38	2 6	18 35	0 43	13 8	1 40	31 50	8 10	10 4	10 31	19 2		n.a.
M24	8 59	18 50	3 41	18 49	2 12	5 54	1 45	5 1	0 22	20 32	0 27	13 36	2 6	18 35	0 43	13 9	1 40	31 50	8 10	10 4	10 32	19 2		n.a.
T 25	9 20	17 14	2 42	18 56	2 5	5 26	1 45	5 18	0 22	20 31	0 27	13 35	2 6	18 35	0 43	13 9	1 40	31 49	8 9	10 4	10 33	19 3		n.a.
W26	9 42	14 38	1 35	19 2	1 58	4 58	1 46	5 35	0 21	20 30	0 27	13 34	2 6	18 34	0 43	13 9	1 40	31 49	8 9	10 4	10 34	19 3		n.a.
T 27	10 3	11 15	0 23	19 5	1 49	4 30	1 46	5 52	0 21	20 29	0 27	13 33	2 6	18 34	0 43	13 9	1 40	31 49	8 9	10 3	10 36	19 4		n.a.
F 28	10 24	7 21	0n49	19 6	1 40	4 1	1 46	6 9	0 20	20 28	0 26	13 31	2 6	18 34	0 43	13 10	1 40	31 49	8 9	10 3	10 37	19 4		n.a.
S 29	10 45	3 8	1 57	19 5	1 30	3 33	1 47	6 26	0 19	20 27	0 26	13 30	2 6	18 33	0 44	13 10	1 40	31 49	8 9	10 4	10 38	19 5		n.a.
S 30	11n 6	1s 9	2n57	19n 2	1n19	3s 4	1s47	6n43	0s19	20s26	0n26	13s29	2n 6	18s33	0s44	13n10	1n40	31n48	8n 9	10n 6	10n39	19s 5		n.a.

Julian Day Number = 1349688.5, Delta T = 07h08m26s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'33, Lahiri = -18°00'33 Julian Calendar 1 Apr. 1018 BCE == Greg. Calendar 22 March 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

MAY 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 54 34	29♈25'22	22♎24	19♉24	27♓37	18♈17	1°R49	11°R18	10♒38	0°R 5	6♋ 7	4°R 9	2♍42	27♐ 7	n.a.	M 1
T 2	13 58 30	0♉22'33	5♏ 0	19°40	28°48	18°58	1♐44	11♏13	10°39	0♍ 4	6° 8	4♍ 0	2°39	27°14	n.a.	T 2
W 3	14 2 27	1°19'44	17°24	19°52	29°59	19°40	1°38	11° 9	10°40	0° 3	6° 9	3°50	2°36	27°20	n.a.	W 3
T 4	14 6 23	2°16'55	29°38	19°59	1♈11	20°22	1°33	11° 5	10°41	0° 3	6°10	3°39	2°33	27°27	n.a.	T 4
F 5	14 10 20	3°14'05	11♐42	20°R 2	2°22	21° 3	1°27	11° 0	10°42	0° 2	6°11	3°29	2°29	27°34	n.a.	F 5
S 6	14 14 17	4°11'14	23°39	20° 0	3°34	21°45	1°21	10°56	10°43	0° 2	6°12	3°21	2°26	27°40	n.a.	S 6
S 7	14 18 13	5° 8'23	5♑31	19°54	4°45	22°26	1°15	10°52	10°44	0° 1	6°13	3°15	2°23	27°47	n.a.	S 7
M 8	14 22 10	6° 5'32	17°22	19°43	5°57	23° 8	1° 9	10°47	10°45	0° 1	6°14	3°11	2°20	27°54	n.a.	M 8
T 9	14 26 6	7° 2'40	29°16	19°28	7° 8	23°49	1° 2	10°43	10°46	0° 0	6°15	3° 9	2°17	28° 1	n.a.	T 9
W10	14 30 3	7°59'48	11♒20	19°10	8°20	24°30	0°56	10°39	10°47	29♎59	6°16	3°D 9	2°14	28° 7	n.a.	W10
T 11	14 33 59	8°56'56	23°36	18°48	9°32	25°12	0°49	10°34	10°47	29°59	6°17	3° 9	2°10	28°14	n.a.	T 11
F 12	14 37 56	9°54'03	6♓12	18°22	10°43	25°53	0°43	10°30	10°48	29°59	6°18	3°R 9	2° 7	28°21	n.a.	F 12
S 13	14 41 52	10°51'11	19°11	17°54	11°55	26°34	0°36	10°25	10°49	29°59	6°19	3° 8	2° 4	28°27	n.a.	S 13
S 14	14 45 49	11°48'18	2♈35	17°24	13° 7	27°15	0°29	10°21	10°50	29°59	6°21	3° 5	2° 1	28°34	n.a.	S 14
M15	14 49 46	12°45'25	16°28	16°51	14°19	27°56	0°22	10°17	10°50	29°58	6°22	3° 0	1°58	28°41	n.a.	M15
T 16	14 53 42	13°42'32	0♉46	16°17	15°31	28°37	0°15	10°12	10°51	29°58	6°23	2°52	1°55	28°48	n.a.	T 16
W17	14 57 39	14°39'39	15°25	15°43	16°43	29°18	0° 8	10° 8	10°51	29°58	6°24	2°42	1°51	28°54	n.a.	W17
T 18	15 1 35	15°36'45	0♊18	15° 8	17°55	29°59	0° 1	10° 4	10°52	29°58	6°25	2°32	1°48	29° 1	n.a.	T 18
F 19	15 5 32	16°33'52	15°16	14°34	19° 7	0♉40	29♏54	9°59	10°52	29°58	6°27	2°22	1°45	29° 8	n.a.	F 19
S 20	15 9 28	17°30'58	0♋10	14° 0	20°19	1°21	29°47	9°55	10°52	29°58	6°28	2°14	1°42	29°14	n.a.	S 20
S 21	15 13 25	18°28'03	14°51	13°29	21°31	2° 2	29°39	9°51	10°53	29°58	6°29	2° 8	1°39	29°21	n.a.	S 21
M22	15 17 21	19°25'09	29°15	12°59	22°43	2°43	29°32	9°46	10°53	29°D58	6°31	2° 4	1°35	29°28	n.a.	M22
T 23	15 21 18	20°22'13	13♌19	12°32	23°55	3°23	29°24	9°42	10°53	29°58	6°32	2° 3	1°32	29°34	n.a.	T 23
W24	15 25 15	21°19'18	27° 3	12° 8	25° 7	4° 4	29°17	9°38	10°53	29°58	6°33	2° 3	1°29	29°41	n.a.	W24
T 25	15 29 11	22°16'22	10♍28	11°47	26°19	4°45	29° 9	9°33	10°53	29°58	6°35	2° 3	1°26	29°48	n.a.	T 25
F 26	15 33 8	23°13'26	23°35	11°31	27°31	5°25	29° 2	9°29	10°53	29°58	6°36	2° 2	1°23	29°55	n.a.	F 26
S 27	15 37 4	24°10'29	6♎29	11°18	28°43	6° 6	28°54	9°25	10°R53	29°58	6°38	1°58	1°20	0♑ 1	n.a.	S 27
S 28	15 41 1	25° 7'33	19° 9	11°10	29°56	6°46	28°46	9°21	10°53	29°58	6°39	1°52	1°16	0° 8	n.a.	S 28
M29	15 44 57	26° 4'36	1♏39	11°D 7	1♉ 8	7°27	28°39	9°17	10°53	29°58	6°41	1°43	1°13	0°15	n.a.	M29
T 30	15 48 54	27° 1'40	14° 0	11° 9	2°20	8° 7	28°31	9°13	10°53	29°59	6°42	1°31	1°10	0°21	n.a.	T 30
W31	15 52 50	27♉58'44	26♏12	11♉15	3♉33	8♉47	28♏23	9♏ 9	10♒53	29♌59	6♋44	1♍18	1♍ 7	0♑28	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat	
M 1	11n26	5s20	3n48	18n56	1n 8	2s36	1s47	7n 0	0s18	20s25	0n26	13s27	2n 6	18s33	0s44	13n10	1n40	31n48	8n 9	10n 8	10n40	19s 6			n.a.	M 1
T 2	11 47	9 12	4 27	18 49	0 55	2 7	1 47	7 16	0 18	20 24	0 26	13 26	2 6	18 32	0 44	13 10	1 40	31 48	8 8	10 12	10 41	19 6			n.a.	T 2
W 3	12 7	12 37	4 52	18 39	0 42	1 38	1 47	7 33	0 17	20 23	0 26	13 25	2 6	18 32	0 44	13 11	1 40	31 48	8 8	10 15	10 43	19 7			n.a.	W 3
T 4	12 27	15 27	5 3	18 28	0 28	1 9	1 46	7 49	0 16	20 22	0 26	13 24	2 6	18 32	0 44	13 11	1 39	31 48	8 8	10 19	10 44	19 7			n.a.	T 4
F 5	12 47	17 34	5 1	18 14	0 13	0 40	1 46	8 6	0 16	20 21	0 26	13 22	2 6	18 32	0 44	13 11	1 39	31 48	8 8	10 23	10 45	19 8			n.a.	F 5
S 6	13 7	18 54	4 46	17 59	0s 2	0 11	1 46	8 22	0 15	20 20	0 26	13 21	2 6	18 31	0 44	13 11	1 39	31 47	8 8	10 26	10 46	19 8			n.a.	S 6
S 7	13 26	19 24	4 18	17 42	0 18	0n18	1 46	8 38	0 15	20 19	0 26	13 20	2 6	18 31	0 44	13 11	1 39	31 47	8 8	10 28	10 47	19 9			n.a.	S 7
M 8	13 46	19 3	3 39	17 24	0 34	0 48	1 45	8 55	0 14	20 18	0 25	13 18	2 6	18 31	0 44	13 11	1 39	31 47	8 8	10 30	10 48	19 9			n.a.	M 8
T 9	14 5	17 51	2 50	17 4	0 50	1 17	1 44	9 11	0 13	20 17	0 25	13 17	2 6	18 31	0 44	13 11	1 39	31 47	8 8	10 30	10 50	19 10			n.a.	T 9
W10	14 24	15 50	1 54	16 43	1 7	1 46	1 44	9 27	0 13	20 15	0 25	13 16	2 6	18 30	0 44	13 12	1 39	31 47	8 7	10 31	10 51	19 10			n.a.	W10
T 11	14 42	13 4	0 51	16 21	1 24	2 15	1 43	9 43	0 12	20 14	0 25	13 14	2 6	18 30	0 44	13 12	1 39	31 46	8 7	10 30	10 52	19 11			n.a.	T 11
F 12	15 1	9 38	0s16	15 58	1 40	2 45	1 42	9 58	0 12	20 13	0 25	13 13	2 6	18 30	0 44	13 12	1 39	31 46	8 7	10 30	10 53	19 11			n.a.	F 12
S 13	15 19	5 38	1 24	15 34	1 57	3 14	1 42	10 14	0 11	20 12	0 25	13 12	2 6	18 30	0 44	13 12	1 39	31 46	8 7	10 31	10 54	19 12			n.a.	S 13
S 14	15 37	1 14	2 30	15 10	2 13	3 43	1 41	10 30	0 10	20 10	0 25	13 10	2 6	18 30	0 44	13 12	1 39	31 46	8 7	10 32	10 55	19 12			n.a.	S 14
M15	15 55	3n22	3 29	14 46	2 29	4 12	1 40	10 45	0 10	20 9	0 25	13 9	2 5	18 30	0 44	13 12	1 39	31 46	8 7	10 34	10 56	19 13			n.a.	M15
T 16	16 12	7 55	4 16	14 22	2 43	4 41	1 39	11 1	0 9	20 7	0 24	13 8	2 5	18 30	0 44	13 12	1 39	31 46	8 7	10 37	10 58	19 13			n.a.	T 16
W17	16 29	12 7	4 48	13 58	2 58	5 10	1 38	11 16	0 9	20 6	0 24	13 6	2 5	18 29	0 44	13 12	1 39	31 45	8 7	10 40	10 59	19 13			n.a.	W17
T 18	16 46	15 37	5 1	13 35	3 11	5 39	1 36	11 31	0 8	20 5	0 24	13 5	2 5	18 29	0 44	13 12	1 39	31 45	8 7	10 44	11 0	19 14			n.a.	T 18
F 19	17 3	18 7	4 54	13 14	3 23	6 8	1 35	11 46	0 7	20 3	0 24	13 4	2 5	18 29	0 44	13 12	1 39	31 45	8 6	10 48	11 1	19 14			n.a.	F 19
S 20	17 19	19 22	4 27	12 53	3 34	6 37	1 34	12 1	0 7	20 2	0 24	13 2	2 5	18 29	0 44	13 12	1 39	31 45	8 6	10 51	11 2	19 15			n.a.	S 20
S 21	17 36	19 17	3 42	12 35	3 44	7 5	1 33	12 16	0 6	20 0	0 24	13 1	2 5	18 29	0 44	13 12	1 39	31 45	8 6	10 53	11 3	19 15			n.a.	S 21
M22	17 51	17 57	2 44	12 18	3 52	7 34	1 31	12 31	0 5	19 59	0 24	13 0	2 5	18 29	0 44	13 12	1 39	31 45	8 6	10 54	11 5	19 16			n.a.	M22
T 23	18 7	15 32	1 38	12 3	3 59	8 2	1 30	12 46	0 5	19 57	0 23	12 59	2 5	18 29	0 44	13 12	1 39	31 44	8 6	10 54	11 6	19 16			n.a.	T 23
W24	18 22	12 16	0 26	11 50	4 5	8 30	1 28	13 0	0 4	19 56	0 23	12 57	2 5	18 29	0 45	13 12	1 39	31 44	8 6	10 54	11 7	19 17			n.a.	W24
T 25	18 37	8 27	0n44	11 40	4 9	8 58	1 27	13 15	0 4	19 54	0 23	12 56	2 5	18 29	0 45	13 12	1 39	31 44	8 6	10 55	11 8	19 17			n.a.	T 25
F 26	18 52	4 17	1 51	11 32	4 12	9 26	1 25	13 29	0 3	19 53	0 23	12 55	2 4	18 29	0 45	13 12	1 38	31 44	8 6	10 55	11 9	19 17			n.a.	F 26
S 27	19 7	0 0	2 51	11 27	4 13	9 54	1 23	13 43	0 2	19 51	0 23	12 54	2 4	18 29	0 45	13 11	1 38	31 44	8 6	10 56	11 10	19 18			n.a.	S 27
S 28	19 21	4s12	3 41	11 24	4 13	10 21	1 21	13 58	0 2	19 50	0 23	12 52	2 4	18 29	0 45	13 11	1 38	31 44	8 6	10 59	11 11	19 18			n.a.	S 28
M29	19 35	8 10	4 20	11 25	4 12	10 48	1 20	14 12	0 1	19 48	0 23	12 51	2 4	18 29	0 45	13 11	1 38	31 43	8 6	11 2	11 13	19 19			n.a.	M29
T 30	19 48	11 44	4 46	11 27	4 9	11 15	1 18	14 25	0 0	19 47	0 22	12 50	2 4	18 29	0 45	13 11	1 38	31 43	8 6	11 6	11 14	19 19			n.a.	T 30
W31	20n 1	14s46	4n59	11n33	4s 6	11n42	1s16	14n39	0n 0	19s45	0n22	12s49	2n 4	18s30	0s45	13n11	1n38	31n43	8n 5	11n11	11n15	19s20			n.a.	W31

Julian Day Number = 1349718.5, Delta T = 07h08m24s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'29, Lahiri = -18°00'29 Julian Calendar 1 May 1018 BCE == Greg. Calendar 21 Apr. 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

JUNE 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 47	28♉55'48	8♐17	11♉27	4♉45	9♉28	28°R16	9°R 5	10°R53	29♌59	6♋45	1°R 5	1♍ 4	0♏35	n.a.	T 1
F 2	16 0 44	29°52'52	20°15	11°44	5°57	10° 8	28♏ 8	9♏ 1	10♒52	29°59	6°47	0♍52	1° 1	0°42	n.a.	F 2
S 3	16 4 40	0♊49'57	2♑ 8	12° 6	7°10	10°48	28° 0	8°57	10°52	29°59	6°48	0°40	0°57	0°48	n.a.	S 3
S 4	16 8 37	1°47'02	13°58	12°33	8°22	11°28	27°53	8°53	10°52	0♍ 0	6°50	0°32	0°54	0°55	n.a.	S 4
M 5	16 12 33	2°44'08	25°48	13° 5	9°35	12° 8	27°45	8°49	10°51	0° 1	6°51	0°25	0°51	1° 2	n.a.	M 5
T 6	16 16 30	3°41'14	7♒42	13°43	10°48	12°48	27°37	8°45	10°51	0° 1	6°53	0°22	0°48	1° 8	n.a.	T 6
W 7	16 20 26	4°38'21	19°44	14°26	12° 0	13°28	27°30	8°42	10°50	0° 2	6°55	0°20	0°45	1°15	n.a.	W 7
T 8	16 24 23	5°35'29	1♓59	15°13	13°13	14° 8	27°22	8°38	10°50	0° 2	6°56	0°20	0°41	1°22	n.a.	T 8
F 9	16 28 20	6°32'37	14°32	16° 6	14°26	14°48	27°15	8°34	10°49	0° 3	6°58	0°20	0°38	1°28	n.a.	F 9
S 10	16 32 16	7°29'46	27°28	17° 4	15°38	15°28	27° 7	8°31	10°48	0° 3	6°59	0°19	0°35	1°35	n.a.	S 10
S 11	16 36 13	8°26'56	10♈51	18° 6	16°51	16° 8	27° 0	8°27	10°48	0° 4	7° 1	0°16	0°32	1°42	n.a.	S 11
M12	16 40 9	9°24'07	24°43	19°13	18° 4	16°48	26°52	8°24	10°47	0° 5	7° 3	0°11	0°29	1°49	n.a.	M12
T 13	16 44 6	10°21'19	9♉ 5	20°25	19°17	17°28	26°45	8°20	10°46	0° 5	7° 4	0° 3	0°26	1°55	n.a.	T 13
W14	16 48 2	11°18'32	23°52	21°42	20°30	18° 7	26°38	8°17	10°45	0° 6	7° 6	29♌53	0°22	2° 2	n.a.	W14
T 15	16 51 59	12°15'45	8♊57	23° 3	21°42	18°47	26°30	8°14	10°44	0° 7	7° 8	29°42	0°19	2° 9	n.a.	T 15
F 16	16 55 55	13°13'00	24°11	24°29	22°55	19°27	26°23	8°11	10°44	0° 8	7°10	29°32	0°16	2°15	n.a.	F 16
S 17	16 59 52	14°10'15	9♋22	25°59	24° 8	20° 6	26°16	8° 7	10°43	0° 8	7°11	29°24	0°13	2°22	n.a.	S 17
S 18	17 3 49	15° 7'31	24°20	27°33	25°21	20°46	26° 9	8° 4	10°42	0° 9	7°13	29°17	0°10	2°29	n.a.	S 18
M19	17 7 45	16° 4'47	8♌59	29°11	26°35	21°25	26° 3	8° 1	10°40	0°10	7°15	29°14	0° 7	2°36	n.a.	M19
T 20	17 11 42	17° 2'04	23°13	0♊53	27°48	22° 5	25°56	7°58	10°39	0°11	7°17	29°D13	0° 3	2°42	n.a.	T 20
W21	17 15 38	17°59'21	7♍ 2	2°38	29° 1	22°44	25°49	7°56	10°38	0°12	7°18	29°13	0° 0	2°49	n.a.	W21
T 22	17 19 35	18°56'39	20°27	4°27	0♊14	23°23	25°43	7°53	10°37	0°13	7°20	29°R13	29♌57	2°56	n.a.	T 22
F 23	17 23 31	19°53'58	3♎30	6°18	1°27	24° 3	25°36	7°50	10°36	0°14	7°22	29°12	29°54	3° 2	n.a.	F 23
S 24	17 27 28	20°51'17	16°15	8°13	2°40	24°42	25°30	7°47	10°35	0°15	7°24	29° 9	29°51	3° 9	n.a.	S 24
S 25	17 31 25	21°48'37	28°45	10°10	3°54	25°21	25°24	7°45	10°33	0°16	7°25	29° 4	29°47	3°16	n.a.	S 25
M26	17 35 21	22°45'58	11♏ 3	12° 9	5° 7	26° 0	25°18	7°42	10°32	0°17	7°27	28°57	29°44	3°22	n.a.	M26
T 27	17 39 18	23°43'20	23°12	14° 9	6°20	26°39	25°12	7°40	10°31	0°18	7°29	28°47	29°41	3°29	n.a.	T 27
W28	17 43 14	24°40'43	5♐15	16°11	7°33	27°18	25° 6	7°38	10°29	0°19	7°31	28°35	29°38	3°36	n.a.	W28
T 29	17 47 11	25°38'07	17°12	18°14	8°47	27°58	25° 0	7°36	10°28	0°20	7°33	28°24	29°35	3°43	n.a.	T 29
F 30	17 51 7	26♊35'32	29♐ 5	20♊18	10♊ 0	28♉37	24♏55	7♏33	10♒26	0♍22	7♋35	28♌12	29♌32	3♑49	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n14	17s 8	4n57	11n41	4s 1	12n 9	1s14	14n53	0n 1	19s43	0n22	12s48	2n 4	18s30	0s45	13n11	1n38	31n43	8n 5	11n16	11n16	19s20		n.a.
F 2	20 27	18 45	4 43	11 52	3 55	12 35	1 12	15 6	0 1	19 42	0 22	12 46	2 4	18 30	0 45	13 11	1 38	31 43	8 5	11 20	11 17	19 20		n.a.
S 3	20 39	19 31	4 17	12 5	3 49	13 1	1 10	15 20	0 2	19 40	0 22	12 45	2 3	18 30	0 45	13 10	1 38	31 43	8 5	11 24	11 18	19 21		n.a.
S 4	20 51	19 26	3 39	12 21	3 41	13 27	1 8	15 33	0 3	19 39	0 22	12 44	2 3	18 30	0 45	13 10	1 38	31 43	8 5	11 28	11 19	19 21		n.a.
M 5	21 2	18 30	2 52	12 38	3 32	13 52	1 6	15 46	0 3	19 37	0 22	12 43	2 3	18 30	0 45	13 10	1 38	31 42	8 5	11 30	11 21	19 22		n.a.
T 6	21 13	16 45	1 57	12 59	3 23	14 17	1 4	15 59	0 4	19 35	0 21	12 42	2 3	18 30	0 45	13 10	1 38	31 42	8 5	11 31	11 22	19 22		n.a.
W 7	21 24	14 15	0 56	13 21	3 13	14 42	1 2	16 12	0 4	19 34	0 21	12 41	2 3	18 31	0 45	13 10	1 38	31 42	8 5	11 32	11 23	19 22		n.a.
T 8	21 34	11 4	0s 9	13 45	3 3	15 6	0 59	16 25	0 5	19 32	0 21	12 40	2 3	18 31	0 45	13 9	1 38	31 42	8 5	11 32	11 24	19 23		n.a.
F 9	21 44	7 20	1 14	14 11	2 51	15 31	0 57	16 37	0 6	19 31	0 21	12 39	2 3	18 31	0 45	13 9	1 38	31 42	8 5	11 32	11 25	19 23		n.a.
S 10	21 54	3 8	2 18	14 38	2 40	15 54	0 55	16 50	0 6	19 29	0 21	12 38	2 2	18 31	0 45	13 9	1 38	31 42	8 5	11 32	11 26	19 23		n.a.
S 11	22 3	1n21	3 17	15 8	2 28	16 18	0 53	17 2	0 7	19 28	0 20	12 37	2 2	18 31	0 45	13 9	1 38	31 42	8 5	11 33	11 27	19 24		n.a.
M12	22 12	5 55	4 6	15 38	2 15	16 41	0 50	17 14	0 8	19 26	0 20	12 36	2 2	18 32	0 45	13 8	1 38	31 42	8 5	11 35	11 29	19 24		n.a.
T 13	22 21	10 18	4 42	16 10	2 3	17 3	0 48	17 26	0 8	19 24	0 20	12 35	2 2	18 32	0 45	13 8	1 38	31 41	8 5	11 38	11 30	19 25		n.a.
W14	22 29	14 12	5 0	16 43	1 50	17 25	0 46	17 38	0 9	19 23	0 20	12 34	2 2	18 32	0 45	13 8	1 38	31 41	8 5	11 41	11 31	19 25		n.a.
T 15	22 37	17 14	4 57	17 16	1 37	17 47	0 43	17 50	0 10	19 21	0 20	12 33	2 1	18 32	0 45	13 7	1 38	31 41	8 5	11 45	11 32	19 25		n.a.
F 16	22 44	19 7	4 34	17 50	1 23	18 8	0 41	18 2	0 10	19 20	0 20	12 32	2 1	18 33	0 45	13 7	1 38	31 41	8 5	11 49	11 33	19 26		n.a.
S 17	22 51	19 38	3 52	18 25	1 10	18 29	0 38	18 13	0 11	19 18	0 19	12 32	2 1	18 33	0 45	13 7	1 37	31 41	8 5	11 52	11 34	19 26		n.a.
S 18	22 58	18 44	2 54	19 0	0 57	18 49	0 36	18 24	0 11	19 17	0 19	12 31	2 1	18 33	0 45	13 6	1 37	31 41	8 5	11 54	11 35	19 26		n.a.
M19	23 4	16 36	1 45	19 35	0 44	19 9	0 33	18 36	0 12	19 15	0 19	12 30	2 1	18 34	0 46	13 6	1 37	31 41	8 5	11 55	11 37	19 27		n.a.
T 20	23 10	13 29	0 32	20 9	0 31	19 29	0 31	18 47	0 13	19 14	0 19	12 29	2 1	18 34	0 46	13 6	1 37	31 41	8 5	11 56	11 38	19 27		n.a.
W21	23 16	9 42	0n41	20 43	0 18	19 47	0 28	18 57	0 13	19 13	0 19	12 28	2 0	18 34	0 46	13 5	1 37	31 40	8 5	11 56	11 39	19 27		n.a.
T 22	23 21	5 32	1 50	21 16	0 6	20 6	0 26	19 8	0 14	19 11	0 19	12 28	2 0	18 35	0 46	13 5	1 37	31 40	8 5	11 56	11 40	19 28		n.a.
F 23	23 25	1 12	2 52	21 48	0n 6	20 24	0 23	19 19	0 15	19 10	0 18	12 27	2 0	18 35	0 46	13 5	1 37	31 40	8 5	11 56	11 41	19 28		n.a.
S 24	23 30	3s 4	3 43	22 18	0 17	20 41	0 21	19 29	0 15	19 9	0 18	12 26	2 0	18 35	0 46	13 4	1 37	31 40	8 5	11 57	11 42	19 28		n.a.
S 25	23 33	7 7	4 22	22 47	0 28	20 58	0 18	19 39	0 16	19 7	0 18	12 26	2 0	18 36	0 46	13 4	1 37	31 40	8 5	11 59	11 43	19 29		n.a.
M26	23 37	10 49	4 48	23 14	0 39	21 14	0 16	19 50	0 17	19 6	0 18	12 25	1 59	18 36	0 46	13 3	1 37	31 40	8 5	12 1	11 44	19 29		n.a.
T 27	23 40	14 0	5 1	23 39	0 48	21 29	0 13	19 59	0 17	19 5	0 18	12 25	1 59	18 37	0 46	13 3	1 37	31 40	8 5	12 5	11 46	19 29		n.a.
W28	23 42	16 35	5 1	24 2	0 57	21 44	0 11	20 9	0 18	19 3	0 17	12 24	1 59	18 37	0 46	13 2	1 37	31 40	8 5	12 9	11 47	19 30		n.a.
T 29	23 44	18 26	4 47	24 23	1 6	21 59	0 8	20 19	0 18	19 2	0 17	12 23	1 59	18 38	0 46	13 2	1 37	31 40	8 5	12 13	11 48	19 30		n.a.
F 30	23n46	19s28	4n21	24n40	1n13	22n12	0s 6	20n28	0n19	19s 1	0n17	12s23	1n58	18s38	0s46	13n 2	1n37	31n40	8n 5	12n17	11n49	19s30		n.a.

Julian Day Number = 1349749.5, Delta T = 07h08m23s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'25, Lahiri = -18°00'25 Julian Calendar 1 June 1018 BCE == Greg. Calendar 22 May 1018 BCE

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

JULY 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 55 4	27♊32'59	10♉56	22♊22	11♊14	29♉15	24°R49	7°R31	10°R25	0♍23	7♋36	28°R 3	29♌28	3♉56	n.a.	S 1
S 2	17 59 0	28°30'26	22°46	24°27	12°27	29°54	24♏44	7♏29	10♒23	0°24	7°38	27♌55	29°25	4° 3	n.a.	S 2
M 3	18 2 57	29°27'55	4♒38	26°31	13°41	0♊33	24°39	7°28	10°21	0°25	7°40	27°50	29°22	4° 9	n.a.	M 3
T 4	18 6 54	0♋25'26	16°35	28°35	14°54	1°12	24°34	7°26	10°20	0°27	7°42	27°47	29°19	4°16	n.a.	T 4
W 5	18 10 50	1°22'58	28°39	0♋38	16° 8	1°51	24°29	7°24	10°18	0°28	7°44	27°D47	29°16	4°23	n.a.	W 5
T 6	18 14 47	2°20'31	10♓55	2°40	17°22	2°30	24°24	7°22	10°16	0°29	7°46	27°47	29°12	4°29	n.a.	T 6
F 7	18 18 43	3°18'06	23°28	4°42	18°35	3° 8	24°20	7°21	10°15	0°31	7°48	27°48	29° 9	4°36	n.a.	F 7
S 8	18 22 40	4°15'43	6♈21	6°43	19°49	3°47	24°16	7°19	10°13	0°32	7°49	27°R49	29° 6	4°43	n.a.	S 8
S 9	18 26 36	5°13'21	19°39	8°42	21° 3	4°26	24°11	7°18	10°11	0°33	7°51	27°48	29° 3	4°50	n.a.	S 9
M10	18 30 33	6°11'01	3♉25	10°40	22°17	5° 4	24° 7	7°17	10° 9	0°35	7°53	27°45	29° 0	4°56	n.a.	M10
T 11	18 34 29	7° 8'43	17°40	12°37	23°31	5°43	24° 4	7°16	10° 7	0°36	7°55	27°40	28°57	5° 3	n.a.	T 11
W12	18 38 26	8° 6'27	2♊20	14°33	24°44	6°21	24° 0	7°15	10° 5	0°38	7°57	27°33	28°53	5°10	n.a.	W12
T 13	18 42 23	9° 4'12	17°22	16°27	25°58	7° 0	23°56	7°14	10° 3	0°39	7°59	27°26	28°50	5°16	n.a.	T 13
F 14	18 46 19	10° 2'00	2♋36	18°20	27°12	7°38	23°53	7°13	10° 1	0°41	8° 1	27°19	28°47	5°23	n.a.	F 14
S 15	18 50 16	10°59'48	17°52	20°12	28°26	8°17	23°50	7°12	10° 0	0°43	8° 2	27°13	28°44	5°30	n.a.	S 15
S 16	18 54 12	11°57'39	2♌59	22° 2	29°40	8°55	23°47	7°11	9°57	0°44	8° 4	27° 9	28°41	5°36	n.a.	S 16
M17	18 58 9	12°55'31	17°48	23°51	0♋54	9°33	23°44	7°11	9°55	0°46	8° 6	27° 7	28°38	5°43	n.a.	M17
T 18	19 2 5	13°53'24	2♍13	25°39	2° 8	10°11	23°42	7°10	9°53	0°47	8° 8	27°D 7	28°34	5°50	n.a.	T 18
W19	19 6 2	14°51'18	16°12	27°25	3°23	10°50	23°39	7°10	9°51	0°49	8°10	27° 8	28°31	5°57	n.a.	W19
T 20	19 9 58	15°49'14	29°43	29°10	4°37	11°28	23°37	7° 9	9°49	0°51	8°12	27° 9	28°28	6° 3	n.a.	T 20
F 21	19 13 55	16°47'12	12♎49	0♌53	5°51	12° 6	23°35	7° 9	9°47	0°52	8°14	27°R10	28°25	6°10	n.a.	F 21
S 22	19 17 52	17°45'11	25°34	2°35	7° 5	12°44	23°33	7° 9	9°45	0°54	8°15	27°10	28°22	6°17	n.a.	S 22
S 23	19 21 48	18°43'11	8♏ 1	4°16	8°19	13°22	23°31	7°D 9	9°43	0°56	8°17	27° 8	28°18	6°23	n.a.	S 23
M24	19 25 45	19°41'13	20°14	5°56	9°34	14° 0	23°30	7° 9	9°40	0°58	8°19	27° 4	28°15	6°30	n.a.	M24
T 25	19 29 41	20°39'16	2♐17	7°34	10°48	14°38	23°29	7° 9	9°38	0°59	8°21	27° 0	28°12	6°37	n.a.	T 25
W26	19 33 38	21°37'22	14°13	9°11	12° 2	15°16	23°27	7° 9	9°36	1° 1	8°23	26°54	28° 9	6°43	n.a.	W26
T 27	19 37 34	22°35'29	26° 6	10°47	13°17	15°54	23°27	7°10	9°34	1° 3	8°25	26°47	28° 6	6°50	n.a.	T 27
F 28	19 41 31	23°33'37	7♑56	12°21	14°31	16°31	23°26	7°10	9°31	1° 5	8°26	26°41	28° 3	6°57	n.a.	F 28
S 29	19 45 27	24°31'48	19°48	13°54	15°45	17° 9	23°25	7°11	9°29	1° 7	8°28	26°36	27°59	7° 3	n.a.	S 29
S 30	19 49 24	25°30'00	1♒42	15°26	17° 0	17°47	23°25	7°11	9°27	1° 9	8°30	26°32	27°56	7°10	n.a.	S 30
M31	19 53 21	26♋28'14	13♒40	16♌57	18♋14	18♊25	23°D25	7♏12	9♒25	1♍11	8♋32	26♌30	27♌53	7♉17	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n47	19s39	3n43	24n55	1n20	22n25	0s 3	20n38	0n20	19s 0	0n17	12s23	1n58	18s38	0s46	13n 1	1n37	31n40	8n 5	12n20	11n50	19s31		n.a.
S 2	23 48	18 58	2 56	25 8	1 26	22 38	0 1	20 47	0 20	18 59	0 17	12 22	1 58	18 39	0 46	13 1	1 37	31 39	8 5	12 23	11 51	19 31		n.a.
M 3	23 49	17 27	2 1	25 18	1 32	22 50	0n 2	20 56	0 21	18 58	0 16	12 22	1 58	18 39	0 46	13 0	1 37	31 39	8 5	12 25	11 52	19 31		n.a.
T 4	23 49	15 10	1 0	25 24	1 36	23 1	0 4	21 4	0 22	18 57	0 16	12 21	1 58	18 40	0 46	13 0	1 37	31 39	8 5	12 26	11 53	19 32		n.a.
W 5	23 48	12 12	0s 5	25 29	1 40	23 12	0 7	21 13	0 22	18 56	0 16	12 21	1 57	18 40	0 46	12 59	1 37	31 39	8 5	12 26	11 55	19 32		n.a.
T 6	23 48	8 40	1 10	25 30	1 43	23 21	0 9	21 22	0 23	18 55	0 16	12 21	1 57	18 41	0 46	12 59	1 37	31 39	8 5	12 26	11 56	19 32		n.a.
F 7	23 46	4 40	2 14	25 29	1 45	23 31	0 12	21 30	0 24	18 54	0 16	12 20	1 57	18 41	0 46	12 58	1 37	31 39	8 5	12 25	11 57	19 32		n.a.
S 8	23 45	0 22	3 12	25 25	1 47	23 39	0 14	21 38	0 24	18 53	0 16	12 20	1 57	18 42	0 46	12 58	1 37	31 39	8 5	12 25	11 58	19 33		n.a.
S 9	23 43	4n 4	4 2	25 19	1 48	23 47	0 17	21 46	0 25	18 52	0 15	12 20	1 56	18 42	0 46	12 57	1 37	31 39	8 5	12 26	11 59	19 33		n.a.
M10	23 40	8 27	4 40	25 11	1 48	23 54	0 19	21 54	0 26	18 51	0 15	12 20	1 56	18 43	0 46	12 56	1 37	31 39	8 5	12 27	12 0	19 33		n.a.
T 11	23 37	12 31	5 3	25 0	1 48	24 1	0 21	22 1	0 26	18 50	0 15	12 20	1 56	18 43	0 46	12 56	1 37	31 39	8 5	12 28	12 1	19 33		n.a.
W12	23 34	15 57	5 6	24 47	1 47	24 6	0 24	22 9	0 27	18 50	0 15	12 19	1 56	18 44	0 46	12 55	1 36	31 39	8 5	12 31	12 2	19 34		n.a.
T 13	23 30	18 24	4 49	24 32	1 46	24 11	0 26	22 16	0 27	18 49	0 15	12 19	1 56	18 45	0 46	12 55	1 36	31 39	8 6	12 33	12 4	19 34		n.a.
F 14	23 26	19 36	4 12	24 15	1 44	24 15	0 28	22 23	0 28	18 48	0 14	12 19	1 55	18 45	0 46	12 54	1 36	31 39	8 6	12 36	12 5	19 34		n.a.
S 15	23 21	19 22	3 16	23 56	1 42	24 19	0 31	22 30	0 29	18 48	0 14	12 19	1 55	18 46	0 46	12 54	1 36	31 39	8 6	12 38	12 6	19 35		n.a.
S 16	23 16	17 45	2 7	23 36	1 39	24 22	0 33	22 37	0 29	18 47	0 14	12 19	1 55	18 46	0 46	12 53	1 36	31 39	8 6	12 39	12 7	19 35		n.a.
M17	23 10	14 56	0 50	23 14	1 35	24 24	0 35	22 44	0 30	18 47	0 14	12 19	1 55	18 47	0 46	12 52	1 36	31 39	8 6	12 40	12 8	19 35		n.a.
T 18	23 5	11 17	0n28	22 51	1 32	24 25	0 37	22 50	0 31	18 46	0 14	12 19	1 54	18 47	0 46	12 52	1 36	31 39	8 6	12 40	12 9	19 35		n.a.
W19	22 58	7 5	1 42	22 26	1 28	24 26	0 39	22 56	0 31	18 46	0 13	12 19	1 54	18 48	0 46	12 51	1 36	31 39	8 6	12 40	12 10	19 36		n.a.
T 20	22 52	2 40	2 48	22 0	1 23	24 26	0 42	23 2	0 32	18 45	0 13	12 19	1 54	18 49	0 46	12 50	1 36	31 39	8 6	12 39	12 11	19 36		n.a.
F 21	22 44	1s44	3 43	21 33	1 18	24 25	0 44	23 8	0 33	18 45	0 13	12 20	1 54	18 49	0 46	12 50	1 36	31 39	8 6	12 39	12 13	19 36		n.a.
S 22	22 37	5 56	4 25	21 4	1 13	24 23	0 46	23 14	0 33	18 45	0 13	12 20	1 53	18 50	0 46	12 49	1 36	31 38	8 6	12 39	12 14	19 36		n.a.
S 23	22 29	9 46	4 54	20 35	1 7	24 21	0 48	23 19	0 34	18 44	0 13	12 20	1 53	18 50	0 46	12 48	1 36	31 38	8 7	12 39	12 15	19 36		n.a.
M24	22 21	13 8	5 9	20 5	1 2	24 17	0 50	23 25	0 35	18 44	0 13	12 20	1 53	18 51	0 46	12 48	1 36	31 38	8 7	12 41	12 16	19 37		n.a.
T 25	22 12	15 53	5 9	19 34	0 56	24 13	0 52	23 30	0 35	18 44	0 12	12 21	1 53	18 52	0 46	12 47	1 36	31 38	8 7	12 42	12 17	19 37		n.a.
W26	22 3	17 57	4 57	19 2	0 49	24 9	0 53	23 35	0 36	18 44	0 12	12 21	1 52	18 52	0 46	12 46	1 36	31 38	8 7	12 44	12 18	19 37		n.a.
T 27	21 53	19 14	4 32	18 29	0 43	24 3	0 55	23 40	0 37	18 44	0 12	12 21	1 52	18 53	0 46	12 46	1 36	31 38	8 7	12 47	12 19	19 37		n.a.
F 28	21 43	19 40	3 55	17 56	0 36	23 57	0 57	23 44	0 37	18 44	0 12	12 22	1 52	18 54	0 46	12 45	1 36	31 38	8 7	12 49	12 20	19 38		n.a.
S 29	21 33	19 14	3 7	17 22	0 29	23 50	0 59	23 49	0 38	18 44	0 12	12 22	1 52	18 54	0 47	12 44	1 36	31 38	8 7	12 50	12 21	19 38		n.a.
S 30	21 22	17 57	2 12	16 48	0 22	23 43	1 0	23 53	0 39	18 44	0 11	12 22	1 51	18 55	0 47	12 44	1 36	31 38	8 7	12 52	12 23	19 38		n.a.
M31	21n11	15s52	1n10	16n13	0n14	23n34	1n 2	23n57	0n39	18s44	0n11	12s23	1n51	18s55	0s47	12n43	1n36	31n39	8n 8	12n53	12n24	19s38		n.a.

Julian Day Number = 1349779.5, Delta T = 07h08m21s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'21, Lahiri = -18°00'21 Julian Calendar 1 July 1018 BCE == Greg. Calendar 21 June 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

AUGUST 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 57 17	27♋26'30	25♒45	18♌27	19♋29	19♊ 2	23♏25	7♏13	9°R22	1♍13	8♋34	26°D29	27♌50	7♉24	n.a.	T 1
W 2	20 1 14	28°24'48	7♓59	19°55	20°43	19°40	23°25	7°14	9♒20	1°14	8°35	26♌30	27°47	7°30	n.a.	W 2
T 3	20 5 10	29°23'09	20°23	21°22	21°58	20°17	23°26	7°15	9°18	1°16	8°37	26°31	27°44	7°37	n.a.	T 3
F 4	20 9 7	0♌21'31	3♈ 2	22°48	23°12	20°55	23°26	7°16	9°15	1°18	8°39	26°33	27°40	7°44	n.a.	F 4
S 5	20 13 3	1°19'56	15°58	24°12	24°27	21°32	23°27	7°17	9°13	1°20	8°41	26°34	27°37	7°50	n.a.	S 5
S 6	20 17 0	2°18'23	29°15	25°35	25°42	22°10	23°28	7°19	9°10	1°22	8°42	26°R35	27°34	7°57	n.a.	S 6
M 7	20 20 56	3°16'52	12♉54	26°57	26°56	22°47	23°29	7°20	9° 8	1°24	8°44	26°35	27°31	8° 4	n.a.	M 7
T 8	20 24 53	4°15'24	26°57	28°17	28°11	23°24	23°30	7°22	9° 6	1°26	8°46	26°33	27°28	8°10	n.a.	T 8
W 9	20 28 49	5°13'58	11♊23	29°36	29°26	24° 2	23°32	7°23	9° 3	1°28	8°48	26°31	27°24	8°17	n.a.	W 9
T 10	20 32 46	6°12'35	26° 8	0♍54	0♌41	24°39	23°34	7°25	9° 1	1°31	8°49	26°29	27°21	8°24	n.a.	T 10
F 11	20 36 43	7°11'14	11♋ 7	2°10	1°55	25°16	23°36	7°27	8°58	1°33	8°51	26°26	27°18	8°30	n.a.	F 11
S 12	20 40 39	8° 9'55	26°11	3°24	3°10	25°53	23°38	7°29	8°56	1°35	8°53	26°24	27°15	8°37	n.a.	S 12
S 13	20 44 36	9° 8'38	11♌11	4°36	4°25	26°30	23°40	7°31	8°54	1°37	8°54	26°23	27°12	8°44	n.a.	S 13
M14	20 48 32	10° 7'23	25°59	5°47	5°40	27° 8	23°43	7°33	8°51	1°39	8°56	26°D22	27° 9	8°51	n.a.	M14
T 15	20 52 29	11° 6'11	10♍28	6°56	6°55	27°45	23°45	7°35	8°49	1°41	8°58	26°22	27° 5	8°57	n.a.	T 15
W16	20 56 25	12° 5'00	24°33	8° 3	8°10	28°21	23°48	7°37	8°46	1°43	8°59	26°23	27° 2	9° 4	n.a.	W16
T 17	21 0 22	13° 3'51	8♎12	9° 8	9°25	28°58	23°51	7°39	8°44	1°45	9° 1	26°24	26°59	9°11	n.a.	T 17
F 18	21 4 18	14° 2'44	21°24	10°10	10°40	29°35	23°55	7°42	8°42	1°47	9° 2	26°26	26°56	9°17	n.a.	F 18
S 19	21 8 15	15° 1'39	4♏14	11°10	11°55	0♋12	23°58	7°44	8°39	1°50	9° 4	26°26	26°53	9°24	n.a.	S 19
S 20	21 12 12	16° 0'35	16°43	12° 8	13°10	0°49	24° 2	7°47	8°37	1°52	9° 6	26°R26	26°50	9°31	n.a.	S 20
M21	21 16 8	16°59'34	28°56	13° 2	14°25	1°26	24° 5	7°50	8°35	1°54	9° 7	26°26	26°46	9°37	n.a.	M21
T 22	21 20 5	17°58'35	10♐57	13°54	15°40	2° 2	24° 9	7°53	8°32	1°56	9° 9	26°26	26°43	9°44	n.a.	T 22
W23	21 24 1	18°57'37	22°51	14°42	16°55	2°39	24°14	7°55	8°30	1°58	9°10	26°25	26°40	9°51	n.a.	W23
T 24	21 27 58	19°56'42	4♑42	15°27	18°10	3°15	24°18	7°58	8°27	2° 0	9°12	26°24	26°37	9°57	n.a.	T 24
F 25	21 31 54	20°55'48	16°33	16° 8	19°25	3°52	24°22	8° 1	8°25	2° 3	9°13	26°23	26°34	10° 4	n.a.	F 25
S 26	21 35 51	21°54'57	28°27	16°44	20°40	4°28	24°27	8° 5	8°23	2° 5	9°15	26°22	26°30	10°11	n.a.	S 26
S 27	21 39 47	22°54'07	10♒27	17°16	21°55	5° 5	24°32	8° 8	8°21	2° 7	9°16	26°22	26°27	10°17	n.a.	S 27
M28	21 43 44	23°53'20	22°36	17°43	23°10	5°41	24°37	8°11	8°18	2° 9	9°17	26°D22	26°24	10°24	n.a.	M28
T 29	21 47 40	24°52'35	4♓54	18° 4	24°25	6°17	24°42	8°15	8°16	2°12	9°19	26°22	26°21	10°31	n.a.	T 29
W30	21 51 37	25°51'52	17°23	18°20	25°40	6°54	24°47	8°18	8°14	2°14	9°20	26°R22	26°18	10°38	n.a.	W30
T 31	21 55 34	26♌51'11	0♈ 5	18♍29	26♌56	7♋30	24♏53	8♏22	8♒11	2♍16	9♋22	26♌22	26♌15	10♉44	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	21n 0	13s 4	0n 4	15n38	0n 7	23n25	1n 4	24n 1	0n40	18s44	0n11	12s23	1n51	18s56	0s47	12n42	1n36	31n39	8n 8	12n53	12n25	19s38		n.a.	T 1
W 2	20 48	9 41	1s 3	15 3	0s 1	23 16	1 5	24 5	0 41	18 45	0 11	12 24	1 51	18 57	0 47	12 41	1 36	31 39	8 8	12 53	12 26	19 39		n.a.	W 2
T 3	20 36	5 49	2 8	14 28	0 9	23 5	1 7	24 8	0 41	18 45	0 11	12 25	1 50	18 57	0 47	12 41	1 36	31 39	8 8	12 52	12 27	19 39		n.a.	T 3
F 4	20 23	1 38	3 8	13 52	0 17	22 54	1 8	24 12	0 42	18 45	0 11	12 25	1 50	18 58	0 47	12 40	1 36	31 39	8 8	12 52	12 28	19 39		n.a.	F 4
S 5	20 10	2n42	4 0	13 16	0 25	22 42	1 9	24 15	0 43	18 46	0 10	12 26	1 50	18 59	0 47	12 39	1 36	31 39	8 8	12 51	12 29	19 39		n.a.	S 5
S 6	19 57	7 1	4 40	12 40	0 33	22 30	1 11	24 18	0 43	18 46	0 10	12 26	1 50	18 59	0 47	12 39	1 36	31 39	8 8	12 51	12 30	19 39		n.a.	S 6
M 7	19 44	11 6	5 6	12 4	0 42	22 16	1 12	24 21	0 44	18 46	0 10	12 27	1 50	19 0	0 47	12 38	1 36	31 39	8 9	12 51	12 32	19 39		n.a.	M 7
T 8	19 30	14 40	5 15	11 28	0 50	22 3	1 13	24 23	0 45	18 47	0 10	12 28	1 49	19 1	0 47	12 37	1 36	31 39	8 9	12 51	12 33	19 40		n.a.	T 8
W 9	19 15	17 28	5 5	10 53	0 58	21 48	1 14	24 26	0 45	18 47	0 10	12 29	1 49	19 1	0 47	12 36	1 36	31 39	8 9	12 52	12 34	19 40		n.a.	W 9
T 10	19 1	19 11	4 34	10 17	1 7	21 33	1 15	24 28	0 46	18 48	0 10	12 29	1 49	19 2	0 47	12 36	1 36	31 39	8 9	12 53	12 35	19 40		n.a.	T 10
F 11	18 46	19 37	3 45	9 42	1 15	21 17	1 17	24 30	0 47	18 49	0 9	12 30	1 49	19 3	0 47	12 35	1 36	31 39	8 9	12 54	12 36	19 40		n.a.	F 11
S 12	18 31	18 38	2 39	9 7	1 24	21 1	1 17	24 32	0 47	18 49	0 9	12 31	1 48	19 3	0 47	12 34	1 36	31 39	8 10	12 55	12 37	19 40		n.a.	S 12
S 13	18 15	16 22	1 23	8 33	1 32	20 43	1 18	24 34	0 48	18 50	0 9	12 32	1 48	19 4	0 47	12 33	1 36	31 39	8 10	12 55	12 38	19 40		n.a.	S 13
M14	17 59	13 1	0 2	7 59	1 41	20 26	1 19	24 36	0 49	18 51	0 9	12 33	1 48	19 5	0 47	12 32	1 36	31 39	8 10	12 55	12 39	19 41		n.a.	M14
T 15	17 43	8 57	1n17	7 25	1 49	20 7	1 20	24 37	0 50	18 52	0 9	12 34	1 48	19 5	0 47	12 32	1 36	31 39	8 10	12 55	12 40	19 41		n.a.	T 15
W16	17 26	4 29	2 30	6 52	1 57	19 48	1 21	24 38	0 50	18 53	0 9	12 35	1 47	19 6	0 47	12 31	1 36	31 39	8 10	12 55	12 41	19 41		n.a.	W16
T 17	17 9	0s 4	3 32	6 20	2 6	19 29	1 21	24 40	0 51	18 54	0 8	12 36	1 47	19 6	0 47	12 30	1 36	31 39	8 10	12 55	12 43	19 41		n.a.	T 17
F 18	16 52	4 28	4 20	5 49	2 14	19 9	1 22	24 40	0 52	18 55	0 8	12 37	1 47	19 7	0 47	12 29	1 36	31 39	8 11	12 54	12 44	19 41		n.a.	F 18
S 19	16 35	8 31	4 54	5 18	2 22	18 48	1 23	24 41	0 52	18 56	0 8	12 38	1 47	19 8	0 47	12 29	1 36	31 40	8 11	12 54	12 45	19 41		n.a.	S 19
S 20	16 17	12 6	5 13	4 49	2 30	18 27	1 23	24 42	0 53	18 57	0 8	12 39	1 46	19 8	0 47	12 28	1 36	31 40	8 11	12 54	12 46	19 41		n.a.	S 20
M21	15 59	15 5	5 17	4 21	2 37	18 6	1 23	24 42	0 54	18 58	0 8	12 40	1 46	19 9	0 47	12 27	1 36	31 40	8 11	12 54	12 47	19 42		n.a.	M21
T 22	15 41	17 22	5 7	3 54	2 45	17 43	1 24	24 42	0 54	18 59	0 8	12 41	1 46	19 10	0 47	12 26	1 36	31 40	8 12	12 54	12 48	19 42		n.a.	T 22
W23	15 22	18 53	4 44	3 29	2 52	17 21	1 24	24 42	0 55	19 0	0 7	12 42	1 46	19 10	0 47	12 25	1 36	31 40	8 12	12 54	12 49	19 42		n.a.	W23
T 24	15 4	19 35	4 9	3 5	2 59	16 57	1 24	24 42	0 56	19 1	0 7	12 43	1 46	19 11	0 47	12 25	1 36	31 40	8 12	12 55	12 50	19 42		n.a.	T 24
F 25	14 45	19 24	3 24	2 43	3 5	16 34	1 24	24 42	0 56	19 3	0 7	12 45	1 45	19 11	0 47	12 24	1 36	31 40	8 12	12 55	12 51	19 42		n.a.	F 25
S 26	14 25	18 22	2 29	2 23	3 11	16 10	1 24	24 41	0 57	19 4	0 7	12 46	1 45	19 12	0 47	12 23	1 36	31 40	8 12	12 55	12 52	19 42		n.a.	S 26
S 27	14 6	16 30	1 27	2 6	3 17	15 45	1 25	24 41	0 58	19 5	0 7	12 47	1 45	19 13	0 47	12 22	1 36	31 40	8 13	12 55	12 54	19 42		n.a.	S 27
M28	13 46	13 52	0 21	1 50	3 22	15 20	1 24	24 40	0 59	19 7	0 7	12 48	1 45	19 13	0 47	12 21	1 36	31 41	8 13	12 55	12 55	19 42		n.a.	M28
T 29	13 26	10 36	0s47	1 38	3 26	14 55	1 24	24 39	0 59	19 8	0 6	12 50	1 44	19 14	0 47	12 20	1 36	31 41	8 13	12 55	12 56	19 42		n.a.	T 29
W30	13 6	6 48	1 54	1 29	3 29	14 29	1 24	24 38	1 0	19 10	0 6	12 51	1 44	19 14	0 47	12 20	1 36	31 41	8 13	12 55	12 57	19 42		n.a.	W30
T 31	12n45	2s40	2s57	1n23	3s32	14n 2	1n24	24n37	1n 1	19s11	0n 6	12s52	1n44	19s15	0s47	12n19	1n36	31n41	8n14	12n55	12n58	19s43		n.a.	T 31

Julian Day Number = 1349810.5, Delta T = 07h08m20s
Ecliptic obliquity = 23°48'51, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'17, Lahiri = -18°00'16 Julian Calendar 1 Aug. 1018 BCE == Greg. Calendar 22 July 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

SEPTEMBER 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 59 30	27♌50'33	12♈59	18°R31	28♌11	8♋ 6	24♏59	8♏25	8°R 9	2♍18	9♋23	26°R22	26♌11	10♉51	n.a.	F 1
S 2	22 3 27	28°49'57	26° 8	18♍27	29°26	8°42	25° 5	8°29	8♒ 7	2°20	9°24	26♌21	26° 8	10°58	n.a.	S 2
S 3	22 7 23	29°49'23	9♉33	18°14	0♍41	9°18	25°11	8°33	8° 5	2°23	9°26	26°21	26° 5	11° 4	n.a.	S 3
M 4	22 11 20	0♍48'52	23°13	17°54	1°56	9°54	25°17	8°37	8° 3	2°25	9°27	26°21	26° 2	11°11	n.a.	M 4
T 5	22 15 16	1°48'24	7♊ 9	17°25	3°12	10°30	25°23	8°41	8° 0	2°27	9°28	26°D21	25°59	11°18	n.a.	T 5
W 6	22 19 13	2°47'58	21°20	16°48	4°27	11° 6	25°29	8°45	7°58	2°29	9°29	26°21	25°55	11°24	n.a.	W 6
T 7	22 23 9	3°47'34	5♋44	16° 3	5°42	11°42	25°36	8°49	7°56	2°32	9°31	26°22	25°52	11°31	n.a.	T 7
F 8	22 27 6	4°47'13	20°18	15°10	6°57	12°18	25°43	8°53	7°54	2°34	9°32	26°23	25°49	11°38	n.a.	F 8
S 9	22 31 2	5°46'54	4♌58	14°10	8°13	12°54	25°50	8°57	7°52	2°36	9°33	26°23	25°46	11°44	n.a.	S 9
S 10	22 34 59	6°46'38	19°37	13° 4	9°28	13°29	25°57	9° 2	7°50	2°38	9°34	26°R24	25°43	11°51	n.a.	S 10
M11	22 38 56	7°46'24	4♍ 9	11°54	10°43	14° 5	26° 4	9° 6	7°48	2°41	9°35	26°24	25°40	11°58	n.a.	M11
T 12	22 42 52	8°46'12	18°28	10°40	11°58	14°40	26°12	9°11	7°46	2°43	9°36	26°23	25°36	12° 4	n.a.	T 12
W13	22 46 49	9°46'01	2♎29	9°26	13°14	15°16	26°19	9°15	7°44	2°45	9°37	26°22	25°33	12°11	n.a.	W13
T 14	22 50 45	10°45'53	16° 8	8°13	14°29	15°51	26°27	9°20	7°42	2°47	9°39	26°20	25°30	12°18	n.a.	T 14
F 15	22 54 42	11°45'47	29°24	7° 3	15°44	16°27	26°35	9°25	7°40	2°49	9°40	26°18	25°27	12°24	n.a.	F 15
S 16	22 58 38	12°45'43	12♏18	5°59	17° 0	17° 2	26°43	9°29	7°39	2°52	9°41	26°16	25°24	12°31	n.a.	S 16
S 17	23 2 35	13°45'40	24°50	5° 2	18°15	17°37	26°51	9°34	7°37	2°54	9°42	26°14	25°21	12°38	n.a.	S 17
M18	23 6 31	14°45'40	7♐ 5	4°14	19°30	18°12	26°59	9°39	7°35	2°56	9°43	26°13	25°17	12°44	n.a.	M18
T 19	23 10 28	15°45'41	19° 7	3°37	20°46	18°47	27° 7	9°44	7°33	2°58	9°43	26°D13	25°14	12°51	n.a.	T 19
W20	23 14 24	16°45'44	1♑ 1	3°11	22° 1	19°22	27°16	9°49	7°32	3° 1	9°44	26°13	25°11	12°58	n.a.	W20
T 21	23 18 21	17°45'49	12°51	2°56	23°16	19°57	27°25	9°54	7°30	3° 3	9°45	26°15	25° 8	13° 5	n.a.	T 21
F 22	23 22 18	18°45'55	24°43	2°D52	24°32	20°32	27°33	9°59	7°28	3° 5	9°46	26°16	25° 5	13°11	n.a.	F 22
S 23	23 26 14	19°46'04	6♒40	3° 0	25°47	21° 7	27°42	10° 5	7°27	3° 7	9°47	26°18	25° 1	13°18	n.a.	S 23
S 24	23 30 11	20°46'14	18°46	3°18	27° 2	21°42	27°51	10°10	7°25	3° 9	9°48	26°19	24°58	13°25	n.a.	S 24
M25	23 34 7	21°46'26	1♓ 5	3°47	28°18	22°17	28° 0	10°15	7°24	3°11	9°49	26°R19	24°55	13°31	n.a.	M25
T 26	23 38 4	22°46'39	13°38	4°24	29°33	22°51	28°10	10°21	7°22	3°14	9°49	26°18	24°52	13°38	n.a.	T 26
W27	23 42 0	23°46'55	26°27	5°10	0♎49	23°26	28°19	10°26	7°21	3°16	9°50	26°16	24°49	13°45	n.a.	W27
T 28	23 45 57	24°47'12	9♈31	6° 3	2° 4	24° 0	28°29	10°32	7°19	3°18	9°51	26°12	24°46	13°51	n.a.	T 28
F 29	23 49 53	25°47'31	22°50	7° 3	3°19	24°35	28°38	10°37	7°18	3°20	9°51	26° 7	24°42	13°58	n.a.	F 29
S 30	23 53 50	26♍47'53	6♉23	8♍ 9	4♎35	25♋ 9	28♏48	10♏43	7♒17	3♍22	9♋52	26♌ 2	24♌39	14♉ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n25	1n40	3s51	1n20	3s34	13n36	1n24	24n35	1n 1	19s13	0n 6	12s54	1n44	19s16	0s47	12n18	1n36	31n41	8n14	12n55	12n59	19s43		n.a.
S 2	12 4	5 59	4 35	1 22	3 34	13 9	1 23	24 33	1 2	19 14	0 6	12 55	1 44	19 16	0 47	12 17	1 36	31 41	8 14	12 56	13 0	19 43		n.a.
S 3	11 43	10 6	5 4	1 28	3 33	12 41	1 23	24 32	1 3	19 16	0 6	12 57	1 43	19 17	0 47	12 16	1 36	31 41	8 14	12 56	13 1	19 43		n.a.
M 4	11 21	13 45	5 17	1 38	3 31	12 14	1 22	24 30	1 4	19 18	0 6	12 58	1 43	19 17	0 47	12 16	1 36	31 42	8 15	12 56	13 2	19 43		n.a.
T 5	11 0	16 43	5 12	1 53	3 27	11 46	1 22	24 28	1 4	19 19	0 5	13 0	1 43	19 18	0 46	12 15	1 36	31 42	8 15	12 56	13 3	19 43		n.a.
W 6	10 38	18 44	4 48	2 12	3 21	11 17	1 21	24 25	1 5	19 21	0 5	13 1	1 43	19 18	0 46	12 14	1 36	31 42	8 15	12 56	13 5	19 43		n.a.
T 7	10 16	19 36	4 6	2 37	3 14	10 48	1 20	24 23	1 6	19 23	0 5	13 3	1 43	19 19	0 46	12 13	1 36	31 42	8 15	12 55	13 6	19 43		n.a.
F 8	9 54	19 10	3 7	3 6	3 5	10 19	1 20	24 20	1 7	19 24	0 5	13 4	1 42	19 20	0 46	12 12	1 36	31 42	8 16	12 55	13 7	19 43		n.a.
S 9	9 32	17 27	1 56	3 40	2 53	9 50	1 19	24 18	1 7	19 26	0 5	13 6	1 42	19 20	0 46	12 12	1 36	31 42	8 16	12 55	13 8	19 43		n.a.
S 10	9 10	14 34	0 38	4 18	2 40	9 21	1 18	24 15	1 8	19 28	0 5	13 7	1 42	19 21	0 46	12 11	1 36	31 43	8 16	12 55	13 9	19 43		n.a.
M11	8 47	10 48	0n43	4 59	2 25	8 51	1 17	24 12	1 9	19 30	0 5	13 9	1 42	19 21	0 46	12 10	1 36	31 43	8 16	12 55	13 10	19 43		n.a.
T 12	8 24	6 27	1 59	5 43	2 8	8 21	1 16	24 9	1 10	19 32	0 4	13 10	1 42	19 22	0 46	12 9	1 36	31 43	8 17	12 55	13 11	19 43		n.a.
W13	8 2	1 51	3 7	6 28	1 49	7 51	1 15	24 5	1 10	19 34	0 4	13 12	1 41	19 22	0 46	12 8	1 36	31 43	8 17	12 55	13 12	19 43		n.a.
T 14	7 39	2s44	4 2	7 14	1 30	7 20	1 14	24 2	1 11	19 36	0 4	13 14	1 41	19 23	0 46	12 8	1 36	31 43	8 17	12 56	13 13	19 43		n.a.
F 15	7 16	7 3	4 42	7 59	1 10	6 49	1 13	23 58	1 12	19 38	0 4	13 16	1 41	19 23	0 46	12 7	1 36	31 43	8 18	12 57	13 14	19 43		n.a.
S 16	6 52	10 54	5 7	8 42	0 49	6 19	1 12	23 55	1 13	19 40	0 4	13 17	1 41	19 23	0 46	12 6	1 36	31 44	8 18	12 58	13 15	19 43		n.a.
S 17	6 29	14 10	5 16	9 22	0 29	5 48	1 10	23 51	1 13	19 42	0 4	13 19	1 41	19 24	0 46	12 5	1 36	31 44	8 18	12 58	13 16	19 43		n.a.
M18	6 6	16 44	5 10	9 58	0 9	5 16	1 9	23 47	1 14	19 44	0 4	13 21	1 40	19 24	0 46	12 4	1 36	31 44	8 18	12 59	13 18	19 43		n.a.
T 19	5 42	18 31	4 51	10 30	0n10	4 45	1 8	23 43	1 15	19 46	0 3	13 22	1 40	19 25	0 46	12 4	1 36	31 44	8 19	12 59	13 19	19 44		n.a.
W20	5 18	19 29	4 20	10 56	0 28	4 13	1 6	23 38	1 16	19 48	0 3	13 24	1 40	19 25	0 46	12 3	1 36	31 45	8 19	12 58	13 20	19 44		n.a.
T 21	4 55	19 35	3 37	11 17	0 45	3 42	1 5	23 34	1 16	19 50	0 3	13 26	1 40	19 26	0 46	12 2	1 36	31 45	8 19	12 58	13 21	19 44		n.a.
F 22	4 31	18 48	2 46	11 32	1 0	3 10	1 3	23 29	1 17	19 52	0 3	13 28	1 40	19 26	0 46	12 1	1 36	31 45	8 20	12 57	13 22	19 44		n.a.
S 23	4 7	17 11	1 46	11 42	1 14	2 38	1 2	23 25	1 18	19 55	0 3	13 30	1 40	19 26	0 46	12 0	1 36	31 45	8 20	12 57	13 23	19 44		n.a.
S 24	3 43	14 47	0 41	11 47	1 26	2 6	1 0	23 20	1 19	19 57	0 3	13 32	1 39	19 27	0 46	12 0	1 36	31 45	8 20	12 56	13 24	19 44		n.a.
M25	3 19	11 40	0s26	11 46	1 36	1 35	0 58	23 15	1 20	19 59	0 3	13 33	1 39	19 27	0 46	11 59	1 36	31 46	8 20	12 56	13 25	19 44		n.a.
T 26	2 55	7 58	1 34	11 40	1 45	1 3	0 57	23 10	1 20	20 1	0 3	13 35	1 39	19 28	0 46	11 58	1 36	31 46	8 21	12 57	13 26	19 44		n.a.
W27	2 30	3 50	2 38	11 30	1 52	0 31	0 55	23 5	1 21	20 3	0 2	13 37	1 39	19 28	0 46	11 57	1 36	31 46	8 21	12 58	13 27	19 44		n.a.
T 28	2 6	0n33	3 35	11 15	1 58	0s 2	0 53	22 59	1 22	20 6	0 2	13 39	1 39	19 28	0 46	11 57	1 36	31 46	8 21	12 59	13 28	19 43		n.a.
F 29	1 42	4 59	4 22	10 57	2 3	0 34	0 51	22 54	1 23	20 8	0 2	13 41	1 39	19 29	0 46	11 56	1 36	31 47	8 22	13 0	13 29	19 43		n.a.
S 30	1n18	9n14	4s54	10n35	2n 6	1s 6	0n49	22n48	1n24	20s10	0n 2	13s43	1n38	19s29	0s46	11n55	1n36	31n47	8n22	13n 2	13n31	19s43		n.a.

Julian Day Number = 1349841.5, Delta T = 07h08m18s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'13, Lahiri = -18°00'12 Julian Calendar 1 Sept. 1018 BCE == Greg. Calendar 22 Aug. 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

OCTOBER 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 57 47	27♍48'16	20♉ 6	9♍19	5♎50	25♋43	28♏58	10♏49	7°R15	3♍24	9♋53	25°R58	24♌36	14♑11	n.a.	S 1
M 2	0 1 43	28°48'42	3♊59	10°34	7° 5	26°17	29° 8	10°54	7♒14	3°26	9°53	25♌54	24°33	14°18	n.a.	M 2
T 3	0 5 40	29°49'09	17°59	11°53	8°21	26°51	29°18	11° 0	7°13	3°28	9°54	25°52	24°30	14°25	n.a.	T 3
W 4	0 9 36	0♎49'39	2♋ 5	13°15	9°36	27°25	29°28	11° 6	7°12	3°30	9°54	25°D51	24°27	14°31	n.a.	W 4
T 5	0 13 33	1°50'11	16°15	14°39	10°51	27°59	29°39	11°12	7°11	3°32	9°55	25°52	24°23	14°38	n.a.	T 5
F 6	0 17 29	2°50'45	0♌27	16° 6	12° 7	28°33	29°49	11°18	7°10	3°34	9°55	25°53	24°20	14°45	n.a.	F 6
S 7	0 21 26	3°51'21	14°40	17°34	13°22	29° 7	29°59	11°24	7° 9	3°36	9°56	25°55	24°17	14°51	n.a.	S 7
S 8	0 25 22	4°51'59	28°51	19° 4	14°37	29°41	0♐10	11°30	7° 8	3°38	9°56	25°R55	24°14	14°58	n.a.	S 8
M 9	0 29 19	5°52'38	12♍56	20°35	15°53	0♌14	0°21	11°36	7° 7	3°40	9°57	25°54	24°11	15° 5	n.a.	M 9
T 10	0 33 16	6°53'19	26°53	22° 7	17° 8	0°48	0°32	11°42	7° 6	3°42	9°57	25°51	24° 7	15°11	n.a.	T 10
W11	0 37 12	7°54'02	10♎37	23°40	18°23	1°21	0°43	11°48	7° 5	3°44	9°57	25°45	24° 4	15°18	n.a.	W11
T 12	0 41 9	8°54'46	24° 6	25°13	19°39	1°55	0°54	11°55	7° 4	3°46	9°58	25°38	24° 1	15°25	n.a.	T 12
F 13	0 45 5	9°55'32	7♏16	26°47	20°54	2°28	1° 5	12° 1	7° 3	3°48	9°58	25°30	23°58	15°31	n.a.	F 13
S 14	0 49 2	10°56'20	20° 7	28°22	22° 9	3° 1	1°16	12° 7	7° 3	3°50	9°58	25°22	23°55	15°38	n.a.	S 14
S 15	0 52 58	11°57'08	2♐39	29°56	23°25	3°34	1°28	12°14	7° 2	3°52	9°58	25°14	23°52	15°45	n.a.	S 15
M16	0 56 55	12°57'58	14°55	1♎31	24°40	4° 7	1°39	12°20	7° 1	3°54	9°59	25° 8	23°48	15°51	n.a.	M16
T 17	1 0 51	13°58'49	26°57	3° 6	25°55	4°40	1°51	12°26	7° 1	3°55	9°59	25° 5	23°45	15°58	n.a.	T 17
W18	1 4 48	14°59'42	8♑51	4°41	27°11	5°12	2° 2	12°33	7° 0	3°57	9°59	25° 3	23°42	16° 5	n.a.	W18
T 19	1 8 44	16° 0'35	20°40	6°16	28°26	5°45	2°14	12°39	7° 0	3°59	9°59	25°D 3	23°39	16°12	n.a.	T 19
F 20	1 12 41	17° 1'29	2♒31	7°51	29°41	6°17	2°26	12°46	7° 0	4° 1	9°59	25° 4	23°36	16°18	n.a.	F 20
S 21	1 16 38	18° 2'25	14°28	9°26	0♏56	6°50	2°38	12°53	6°59	4° 2	9°59	25° 5	23°32	16°25	n.a.	S 21
S 22	1 20 34	19° 3'21	26°37	11° 0	2°12	7°22	2°50	12°59	6°59	4° 4	9°R59	25°R 5	23°29	16°32	n.a.	S 22
M23	1 24 31	20° 4'19	9♓ 2	12°35	3°27	7°54	3° 2	13° 6	6°59	4° 6	9°59	25° 4	23°26	16°38	n.a.	M23
T 24	1 28 27	21° 5'17	21°46	14°10	4°42	8°26	3°14	13°12	6°59	4° 8	9°59	25° 1	23°23	16°45	n.a.	T 24
W25	1 32 24	22° 6'16	4♈51	15°45	5°57	8°58	3°26	13°19	6°58	4° 9	9°59	24°55	23°20	16°52	n.a.	W25
T 26	1 36 20	23° 7'17	18°17	17°19	7°13	9°30	3°38	13°26	6°58	4°11	9°59	24°47	23°17	16°58	n.a.	T 26
F 27	1 40 17	24° 8'18	2♉ 3	18°54	8°28	10° 2	3°51	13°33	6°D58	4°12	9°59	24°37	23°13	17° 5	n.a.	F 27
S 28	1 44 13	25° 9'21	16° 4	20°28	9°43	10°34	4° 3	13°39	6°58	4°14	9°59	24°26	23°10	17°12	n.a.	S 28
S 29	1 48 10	26°10'25	0♊16	22° 3	10°58	11° 5	4°15	13°46	6°58	4°16	9°58	24°16	23° 7	17°18	n.a.	S 29
M30	1 52 7	27°11'30	14°33	23°37	12°14	11°36	4°28	13°53	6°59	4°17	9°58	24° 8	23° 4	17°25	n.a.	M30
T 31	1 56 3	28♎12'36	28♊51	25♎11	13♏29	12♌ 8	4♐41	14♏ 0	6♒59	4♍19	9♋58	24♌ 2	23♌ 1	17♑32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0n53	13n 4	5s11	10n10	2n 8	1s38	0n47	22n43	1n24	20s13	0n 2	13s45	1n38	19s29	0s46	11n54	1n36	31n47	8n22	13n 4	13n32	19s43			n.a.
M 2	0 29	16 13	5 9	9 43	2 10	2 10	0 45	22 37	1 25	20 15	0 2	13 47	1 38	19 29	0 46	11 54	1 36	31 47	8 23	13 5	13 33	19 43			n.a.
T 3	0 4	18 27	4 49	9 13	2 10	2 42	0 43	22 31	1 26	20 17	0 2	13 49	1 38	19 30	0 46	11 53	1 36	31 48	8 23	13 6	13 34	19 43			n.a.
W 4	0s20	19 36	4 12	8 40	2 10	3 14	0 41	22 25	1 27	20 20	0 2	13 51	1 38	19 30	0 46	11 52	1 36	31 48	8 23	13 6	13 35	19 43			n.a.
T 5	0 44	19 31	3 19	8 6	2 8	3 46	0 39	22 19	1 28	20 22	0 1	13 53	1 38	19 30	0 46	11 51	1 36	31 48	8 24	13 6	13 36	19 43			n.a.
F 6	1 9	18 11	2 14	7 30	2 6	4 18	0 37	22 13	1 28	20 24	0 1	13 55	1 37	19 31	0 46	11 51	1 36	31 48	8 24	13 5	13 37	19 43			n.a.
S 7	1 33	15 43	1 1	6 53	2 4	4 49	0 35	22 7	1 29	20 27	0 1	13 57	1 37	19 31	0 46	11 50	1 36	31 49	8 24	13 5	13 38	19 43			n.a.
S 8	1 58	12 18	0n16	6 14	2 1	5 21	0 33	22 0	1 30	20 29	0 1	13 59	1 37	19 31	0 46	11 49	1 36	31 49	8 24	13 5	13 39	19 43			n.a.
M 9	2 22	8 12	1 31	5 35	1 57	5 53	0 30	21 54	1 31	20 32	0 1	14 1	1 37	19 31	0 46	11 49	1 36	31 49	8 25	13 5	13 40	19 43			n.a.
T 10	2 47	3 42	2 40	4 54	1 53	6 24	0 28	21 47	1 32	20 34	0 1	14 3	1 37	19 31	0 46	11 48	1 36	31 50	8 25	13 6	13 41	19 43			n.a.
W11	3 11	0s56	3 38	4 13	1 49	6 55	0 26	21 41	1 33	20 37	0 1	14 5	1 37	19 32	0 46	11 47	1 36	31 50	8 25	13 8	13 42	19 43			n.a.
T 12	3 35	5 25	4 23	3 31	1 44	7 26	0 24	21 34	1 34	20 39	0 1	14 7	1 37	19 32	0 46	11 47	1 37	31 50	8 26	13 10	13 43	19 43			n.a.
F 13	3 59	9 32	4 53	2 48	1 39	7 57	0 21	21 27	1 34	20 41	0 0	14 9	1 37	19 32	0 46	11 46	1 37	31 50	8 26	13 13	13 44	19 43			n.a.
S 14	4 24	13 7	5 7	2 5	1 34	8 28	0 19	21 20	1 35	20 44	0 0	14 11	1 36	19 32	0 46	11 45	1 37	31 51	8 26	13 16	13 46	19 43			n.a.
S 15	4 48	16 1	5 6	1 22	1 28	8 59	0 17	21 13	1 36	20 46	0 0	14 13	1 36	19 32	0 45	11 45	1 37	31 51	8 27	13 19	13 47	19 43			n.a.
M16	5 12	18 8	4 50	0 39	1 22	9 29	0 14	21 6	1 37	20 49	0 0	14 15	1 36	19 32	0 45	11 44	1 37	31 51	8 27	13 21	13 48	19 43			n.a.
T 17	5 36	19 25	4 22	0s 5	1 17	9 59	0 12	20 59	1 38	20 51	0s 0	14 17	1 36	19 32	0 45	11 43	1 37	31 52	8 27	13 22	13 49	19 42			n.a.
W18	6 0	19 48	3 43	0 49	1 10	10 29	0 9	20 52	1 39	20 54	0 0	14 19	1 36	19 32	0 45	11 43	1 37	31 52	8 28	13 23	13 50	19 42			n.a.
T 19	6 24	19 19	2 55	1 33	1 4	10 59	0 7	20 44	1 40	20 56	0 0	14 22	1 36	19 33	0 45	11 42	1 37	31 52	8 28	13 23	13 51	19 42			n.a.
F 20	6 47	17 59	1 59	2 16	0 58	11 28	0 5	20 37	1 41	20 59	0 0	14 24	1 36	19 33	0 45	11 41	1 37	31 53	8 28	13 22	13 52	19 42			n.a.
S 21	7 11	15 50	0 57	3 0	0 51	11 57	0 2	20 29	1 41	21 1	0 0	14 26	1 36	19 33	0 45	11 41	1 37	31 53	8 29	13 22	13 53	19 42			n.a.
S 22	7 35	12 58	0s 8	3 44	0 45	12 26	0s 0	20 22	1 42	21 4	0 1	14 28	1 35	19 33	0 45	11 40	1 37	31 53	8 29	13 22	13 54	19 42			n.a.
M23	7 58	9 27	1 14	4 28	0 38	12 54	0 3	20 14	1 43	21 6	0 1	14 30	1 35	19 33	0 45	11 40	1 37	31 54	8 29	13 22	13 55	19 42			n.a.
T 24	8 21	5 25	2 18	5 11	0 32	13 22	0 5	20 7	1 44	21 9	0 1	14 32	1 35	19 33	0 45	11 39	1 37	31 54	8 30	13 23	13 56	19 42			n.a.
W25	8 44	1 2	3 16	5 54	0 25	13 50	0 8	19 59	1 45	21 11	0 1	14 34	1 35	19 33	0 45	11 39	1 37	31 54	8 30	13 25	13 57	19 42			n.a.
T 26	9 7	3n31	4 5	6 37	0 19	14 18	0 10	19 51	1 46	21 14	0 1	14 36	1 35	19 33	0 45	11 38	1 37	31 55	8 30	13 28	13 58	19 41			n.a.
F 27	9 30	7 59	4 41	7 20	0 12	14 45	0 13	19 43	1 47	21 16	0 1	14 39	1 35	19 33	0 45	11 37	1 37	31 55	8 30	13 31	13 59	19 41			n.a.
S 28	9 53	12 7	5 1	8 2	0 5	15 12	0 15	19 36	1 48	21 19	0 1	14 41	1 35	19 33	0 45	11 37	1 37	31 55	8 31	13 35	14 0	19 41			n.a.
S 29	10 16	15 36	5 2	8 44	0s 1	15 38	0 18	19 28	1 49	21 21	0 1	14 43	1 35	19 33	0 45	11 36	1 37	31 55	8 31	13 38	14 1	19 41			n.a.
M30	10 38	18 11	4 45	9 26	0 8	16 4	0 20	19 20	1 50	21 23	0 2	14 45	1 35	19 33	0 45	11 36	1 37	31 56	8 31	13 41	14 3	19 41			n.a.
T 31	11s 0	19n39	4s10	10s 7	0s14	16s29	0s23	19n12	1n51	21s26	0s 2	14s47	1n34	19s32	0s45	11n35	1n37	31n56	8n32	13n43	14n 4	19s41			n.a.

Julian Day Number = 1349871.5, Delta T = 07h08m16s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'09, Lahiri = -18°00'08 Julian Calendar 1 Oct. 1018 BCE == Greg. Calendar 21 Sept. 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

NOVEMBER 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 0 0	29♎13'44	13♋ 6	26♎46	14♏44	12♌39	4♐53	14♏ 7	6♒59	4♍20	9°R58	23°R59	22♌58	17♑38	n.a.	W 1
T 2	2 3 56	0♏14'52	27°15	28°20	15°59	13°10	5° 6	14°13	6°59	4°22	9♋57	23°D58	22°54	17°45	n.a.	T 2
F 3	2 7 53	1°16'02	11♌16	29°54	17°14	13°41	5°19	14°20	7° 0	4°23	9°57	23♌58	22°51	17°52	n.a.	F 3
S 4	2 11 49	2°17'13	25°11	1♏29	18°29	14°11	5°32	14°27	7° 0	4°24	9°57	23°R58	22°48	17°58	n.a.	S 4
S 5	2 15 46	3°18'25	8♍58	3° 3	19°45	14°42	5°45	14°34	7° 0	4°26	9°56	23°57	22°45	18° 5	n.a.	S 5
M 6	2 19 43	4°19'37	22°37	4°38	21° 0	15°12	5°58	14°41	7° 1	4°27	9°56	23°54	22°42	18°12	n.a.	M 6
T 7	2 23 39	5°20'51	6♎ 7	6°12	22°15	15°43	6°11	14°48	7° 1	4°28	9°55	23°48	22°38	18°18	n.a.	T 7
W 8	2 27 36	6°22'05	19°27	7°47	23°30	16°13	6°24	14°55	7° 2	4°30	9°55	23°39	22°35	18°25	n.a.	W 8
T 9	2 31 32	7°23'20	2♏35	9°22	24°45	16°43	6°37	15° 2	7° 3	4°31	9°54	23°27	22°32	18°32	n.a.	T 9
F 10	2 35 29	8°24'36	15°30	10°57	26° 0	17°12	6°50	15° 9	7° 3	4°32	9°54	23°14	22°29	18°38	n.a.	F 10
S 11	2 39 25	9°25'53	28°10	12°32	27°15	17°42	7° 3	15°16	7° 4	4°33	9°53	23° 0	22°26	18°45	n.a.	S 11
S 12	2 43 22	10°27'09	10♐36	14° 7	28°30	18°11	7°17	15°23	7° 5	4°34	9°53	22°47	22°23	18°52	n.a.	S 12
M13	2 47 18	11°28'26	22°48	15°42	29°46	18°41	7°30	15°30	7° 6	4°36	9°52	22°36	22°19	18°58	n.a.	M13
T 14	2 51 15	12°29'44	4♑49	17°18	1♐ 1	19°10	7°43	15°37	7° 7	4°37	9°52	22°28	22°16	19° 5	n.a.	T 14
W15	2 55 12	13°31'01	16°41	18°53	2°16	19°39	7°57	15°44	7° 8	4°38	9°51	22°22	22°13	19°12	n.a.	W15
T 16	2 59 8	14°32'19	28°28	20°29	3°31	20° 8	8°10	15°51	7° 9	4°39	9°50	22°19	22°10	19°18	n.a.	T 16
F 17	3 3 5	15°33'36	10♒17	22° 5	4°46	20°36	8°24	15°58	7°10	4°40	9°49	22°18	22° 7	19°25	n.a.	F 17
S 18	3 7 1	16°34'54	22°12	23°42	6° 1	21° 5	8°38	16° 5	7°11	4°41	9°49	22°18	22° 3	19°32	n.a.	S 18
S 19	3 10 58	17°36'11	4♓19	25°18	7°16	21°33	8°51	16°12	7°12	4°42	9°48	22°18	22° 0	19°38	n.a.	S 19
M20	3 14 54	18°37'28	16°43	26°55	8°31	22° 1	9° 5	16°19	7°13	4°43	9°47	22°16	21°57	19°45	n.a.	M20
T 21	3 18 51	19°38'45	29°30	28°31	9°46	22°29	9°19	16°26	7°14	4°44	9°46	22°12	21°54	19°52	n.a.	T 21
W22	3 22 47	20°40'02	12♈41	0♐ 8	11° 1	22°56	9°32	16°33	7°16	4°44	9°46	22° 5	21°51	19°58	n.a.	W22
T 23	3 26 44	21°41'19	26°20	1°45	12°16	23°24	9°46	16°40	7°17	4°45	9°45	21°56	21°48	20° 5	n.a.	T 23
F 24	3 30 41	22°42'36	10♉23	3°22	13°30	23°51	10° 0	16°47	7°18	4°46	9°44	21°44	21°44	20°12	n.a.	F 24
S 25	3 34 37	23°43'52	24°48	4°59	14°45	24°18	10°14	16°54	7°20	4°47	9°43	21°31	21°41	20°18	n.a.	S 25
S 26	3 38 34	24°45'09	9♊28	6°36	16° 0	24°45	10°27	17° 1	7°21	4°48	9°42	21°19	21°38	20°25	n.a.	S 26
M27	3 42 30	25°46'25	24°13	8°13	17°15	25°12	10°41	17° 8	7°23	4°48	9°41	21° 9	21°35	20°32	n.a.	M27
T 28	3 46 27	26°47'42	8♋58	9°49	18°30	25°38	10°55	17°15	7°24	4°49	9°40	21° 1	21°32	20°38	n.a.	T 28
W29	3 50 23	27°48'59	23°34	11°25	19°45	26° 4	11° 9	17°22	7°26	4°50	9°39	20°56	21°29	20°45	n.a.	W29
T 30	3 54 20	28♏50'15	7♌56	13♐ 1	21♐ 0	26♌30	11♐23	17♏29	7♒28	4♍50	9♋38	20♌54	21♌25	20♑52	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s22	19n51	3s20	10s48	0s21	16s54	0s25	19n 4	1n52	21s28	0s 2	14s49	1n34	19s32	0s45	11n35	1n37	31n56	8n32	13n44	14n 5	19s41		n.a.
T 2	11 44	18 48	2 17	11 28	0 27	17 19	0 27	18 56	1 53	21 31	0 2	14 51	1 34	19 32	0 45	11 34	1 37	31 57	8 32	13 45	14 6	19 40		n.a.
F 3	12 6	16 36	1 7	12 8	0 33	17 43	0 30	18 48	1 54	21 33	0 2	14 54	1 34	19 32	0 45	11 34	1 38	31 57	8 33	13 44	14 7	19 40		n.a.
S 4	12 27	13 26	0n 6	12 47	0 39	18 7	0 32	18 39	1 55	21 36	0 2	14 56	1 34	19 32	0 45	11 33	1 38	31 57	8 33	13 44	14 8	19 40		n.a.
S 5	12 49	9 33	1 19	13 26	0 46	18 30	0 35	18 31	1 56	21 38	0 2	14 58	1 34	19 32	0 45	11 33	1 38	31 58	8 33	13 45	14 9	19 40		n.a.
M 6	13 10	5 12	2 26	14 4	0 52	18 53	0 37	18 23	1 57	21 41	0 2	15 0	1 34	19 32	0 45	11 32	1 38	31 58	8 34	13 46	14 10	19 40		n.a.
T 7	13 31	0 39	3 24	14 42	0 57	19 15	0 39	18 15	1 58	21 43	0 2	15 2	1 34	19 32	0 45	11 32	1 38	31 58	8 34	13 48	14 11	19 40		n.a.
W 8	13 51	3s53	4 10	15 19	1 3	19 37	0 42	18 7	1 59	21 45	0 2	15 4	1 34	19 31	0 45	11 32	1 38	31 59	8 34	13 51	14 12	19 39		n.a.
T 9	14 12	8 9	4 41	15 55	1 9	19 58	0 44	17 58	2 0	21 48	0 3	15 6	1 34	19 31	0 45	11 31	1 38	31 59	8 34	13 55	14 13	19 39		n.a.
F 10	14 32	11 59	4 58	16 31	1 14	20 18	0 46	17 50	2 1	21 50	0 3	15 9	1 34	19 31	0 45	11 31	1 38	32 0	8 35	13 59	14 14	19 39		n.a.
S 11	14 52	15 12	5 0	17 6	1 19	20 38	0 48	17 42	2 2	21 53	0 3	15 11	1 34	19 31	0 45	11 30	1 38	32 0	8 35	14 4	14 15	19 39		n.a.
S 12	15 11	17 40	4 47	17 40	1 24	20 58	0 51	17 34	2 3	21 55	0 3	15 13	1 34	19 30	0 45	11 30	1 38	32 0	8 35	14 8	14 16	19 39		n.a.
M13	15 31	19 17	4 21	18 13	1 29	21 17	0 53	17 25	2 4	21 57	0 3	15 15	1 33	19 30	0 44	11 30	1 38	32 1	8 36	14 12	14 17	19 39		n.a.
T 14	15 50	20 0	3 43	18 46	1 34	21 35	0 55	17 17	2 5	22 0	0 3	15 17	1 33	19 30	0 44	11 29	1 38	32 1	8 36	14 15	14 18	19 38		n.a.
W15	16 9	19 50	2 57	19 17	1 38	21 52	0 57	17 9	2 6	22 2	0 3	15 19	1 33	19 30	0 44	11 29	1 38	32 1	8 36	14 16	14 19	19 38		n.a.
T 16	16 27	18 47	2 3	19 48	1 43	22 9	0 59	17 1	2 7	22 4	0 3	15 21	1 33	19 29	0 44	11 29	1 38	32 2	8 37	14 17	14 20	19 38		n.a.
F 17	16 45	16 55	1 3	20 17	1 47	22 26	1 1	16 52	2 8	22 6	0 3	15 23	1 33	19 29	0 44	11 28	1 38	32 2	8 37	14 18	14 21	19 38		n.a.
S 18	17 3	14 19	0 1	20 46	1 50	22 41	1 3	16 44	2 9	22 9	0 4	15 25	1 33	19 29	0 44	11 28	1 38	32 2	8 37	14 18	14 22	19 37		n.a.
S 19	17 21	11 3	1s 3	21 13	1 54	22 56	1 5	16 36	2 11	22 11	0 4	15 28	1 33	19 28	0 44	11 28	1 38	32 3	8 37	14 18	14 24	19 37		n.a.
M20	17 38	7 14	2 5	21 40	1 57	23 11	1 7	16 28	2 12	22 13	0 4	15 30	1 33	19 28	0 44	11 27	1 39	32 3	8 38	14 18	14 25	19 37		n.a.
T 21	17 55	3 0	3 3	22 5	1 59	23 24	1 9	16 19	2 13	22 15	0 4	15 32	1 33	19 28	0 44	11 27	1 39	32 3	8 38	14 20	14 26	19 37		n.a.
W22	18 12	1n31	3 53	22 29	2 2	23 37	1 11	16 11	2 14	22 18	0 4	15 34	1 33	19 27	0 44	11 27	1 39	32 4	8 38	14 22	14 27	19 37		n.a.
T 23	18 28	6 6	4 31	22 51	2 4	23 49	1 13	16 3	2 15	22 20	0 4	15 36	1 33	19 27	0 44	11 27	1 39	32 4	8 38	14 25	14 28	19 36		n.a.
F 24	18 44	10 31	4 54	23 13	2 6	24 1	1 15	15 55	2 16	22 22	0 4	15 38	1 33	19 27	0 44	11 26	1 39	32 4	8 39	14 29	14 29	19 36		n.a.
S 25	19 0	14 25	5 0	23 32	2 7	24 12	1 16	15 47	2 17	22 24	0 4	15 40	1 33	19 26	0 44	11 26	1 39	32 5	8 39	14 33	14 30	19 36		n.a.
S 26	19 15	17 31	4 46	23 51	2 8	24 22	1 18	15 39	2 19	22 26	0 4	15 42	1 33	19 26	0 44	11 26	1 39	32 5	8 39	14 37	14 31	19 36		n.a.
M27	19 30	19 29	4 12	24 7	2 8	24 31	1 20	15 31	2 20	22 28	0 5	15 44	1 33	19 25	0 44	11 26	1 39	32 5	8 39	14 40	14 32	19 35		n.a.
T 28	19 45	20 9	3 22	24 22	2 8	24 39	1 21	15 23	2 21	22 31	0 5	15 46	1 33	19 25	0 44	11 26	1 39	32 6	8 40	14 43	14 33	19 35		n.a.
W29	19 59	19 26	2 19	24 36	2 7	24 47	1 23	15 15	2 22	22 33	0 5	15 48	1 33	19 24	0 44	11 25	1 39	32 6	8 40	14 44	14 34	19 35		n.a.
T 30	20s13	17n28	1s 8	24s47	2s 5	24s54	1s24	15n 7	2n23	22s35	0s 5	15s50	1n33	19s24	0s44	11n25	1n39	32n 6	8n40	14n45	14n35	19s35		n.a.

Julian Day Number = 1349902.5, Delta T = 07h08m15s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'04, Lahiri = -18°00'04 Julian Calendar 1 Nov. 1018 BCE == Greg. Calendar 22 Oct. 1018 BCE

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ASTRODIENST EPHEMERIS for the year 1018 BCE
geocentric

DECEMBER 1018 BCE (-1017) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 58 17	29♏51'32	22♌ 4	14♐36	22♐14	26♌56	11♐37	17♏36	7♒29	4♍51	9°R37	20°R54	21♌22	20♉58	n.a.	F 1
S 2	4 2 13	0♐52'48	5♍55	16°10	23°29	27°21	11°51	17°43	7°31	4°51	9♋36	20♌54	21°19	21° 5	n.a.	S 2
S 3	4 6 10	1°54'05	19°30	17°44	24°44	27°46	12° 5	17°50	7°33	4°52	9°35	20°53	21°16	21°12	n.a.	S 3
M 4	4 10 6	2°55'21	2♎52	19°15	25°59	28°11	12°19	17°57	7°35	4°52	9°34	20°50	21°13	21°18	n.a.	M 4
T 5	4 14 3	3°56'37	16° 1	20°46	27°13	28°36	12°33	18° 3	7°37	4°53	9°33	20°44	21° 9	21°25	n.a.	T 5
W 6	4 17 59	4°57'53	28°59	22°14	28°28	29° 0	12°47	18°10	7°39	4°53	9°32	20°35	21° 6	21°32	n.a.	W 6
T 7	4 21 56	5°59'08	11♏45	23°39	29°43	29°24	13° 1	18°17	7°41	4°53	9°30	20°23	21° 3	21°38	n.a.	T 7
F 8	4 25 52	7° 0'24	24°21	25° 2	0♉57	29°48	13°16	18°24	7°43	4°54	9°29	20°10	21° 0	21°45	n.a.	F 8
S 9	4 29 49	8° 1'38	6♐46	26°22	2°12	0♍12	13°30	18°31	7°45	4°54	9°28	19°56	20°57	21°52	n.a.	S 9
S 10	4 33 46	9° 2'52	19° 0	27°37	3°27	0°35	13°44	18°37	7°47	4°54	9°27	19°43	20°54	21°58	n.a.	S 10
M11	4 37 42	10° 4'05	1♉ 4	28°47	4°41	0°58	13°58	18°44	7°49	4°54	9°26	19°32	20°50	22° 5	n.a.	M11
T 12	4 41 39	11° 5'18	13° 0	29°52	5°56	1°20	14°12	18°51	7°51	4°54	9°24	19°23	20°47	22°12	n.a.	T 12
W13	4 45 35	12° 6'29	24°49	0♉51	7°10	1°43	14°26	18°58	7°53	4°55	9°23	19°17	20°44	22°18	n.a.	W13
T 14	4 49 32	13° 7'40	6♒36	1°42	8°25	2° 5	14°40	19° 4	7°56	4°55	9°22	19°14	20°41	22°25	n.a.	T 14
F 15	4 53 28	14° 8'49	18°23	2°25	9°39	2°26	14°55	19°11	7°58	4°55	9°21	19°D13	20°38	22°32	n.a.	F 15
S 16	4 57 25	15° 9'57	0♓16	3° 0	10°54	2°48	15° 9	19°17	8° 0	4°55	9°19	19°13	20°35	22°38	n.a.	S 16
S 17	5 1 21	16°11'04	12°20	3°25	12° 8	3° 9	15°23	19°24	8° 3	4°R55	9°18	19°R14	20°31	22°45	n.a.	S 17
M18	5 5 18	17°12'10	24°40	3°39	13°22	3°29	15°37	19°30	8° 5	4°55	9°17	19°14	20°28	22°52	n.a.	M18
T 19	5 9 15	18°13'14	7♈23	3°R42	14°37	3°49	15°51	19°37	8° 7	4°55	9°15	19°12	20°25	22°58	n.a.	T 19
W20	5 13 11	19°14'18	20°31	3°34	15°51	4° 9	16° 5	19°43	8°10	4°55	9°14	19° 8	20°22	23° 5	n.a.	W20
T 21	5 17 8	20°15'20	4♉ 8	3°14	17° 5	4°29	16°19	19°50	8°12	4°55	9°13	19° 1	20°19	23°12	n.a.	T 21
F 22	5 21 4	21°16'20	18°14	2°43	18°20	4°48	16°34	19°56	8°15	4°54	9°11	18°53	20°15	23°18	n.a.	F 22
S 23	5 25 1	22°17'19	2♊47	2° 2	19°34	5° 7	16°48	20° 2	8°18	4°54	9°10	18°43	20°12	23°25	n.a.	S 23
S 24	5 28 57	23°18'18	17°41	1°10	20°48	5°25	17° 2	20° 9	8°20	4°54	9° 9	18°34	20° 9	23°32	n.a.	S 24
M25	5 32 54	24°19'15	2♋47	0°11	22° 2	5°43	17°16	20°15	8°23	4°54	9° 7	18°26	20° 6	23°38	n.a.	M25
T 26	5 36 51	25°20'10	17°55	29♐ 5	23°16	6° 1	17°30	20°21	8°26	4°53	9° 6	18°21	20° 3	23°45	n.a.	T 26
W27	5 40 47	26°21'05	2♌55	27°54	24°30	6°18	17°44	20°27	8°28	4°53	9° 4	18°17	20° 0	23°52	n.a.	W27
T 28	5 44 44	27°21'58	17°39	26°41	25°44	6°34	17°58	20°33	8°31	4°53	9° 3	18°D16	19°56	23°58	n.a.	T 28
F 29	5 48 40	28°22'51	2♍ 4	25°28	26°58	6°51	18°12	20°39	8°34	4°52	9° 2	18°17	19°53	24° 5	n.a.	F 29
S 30	5 52 37	29°23'42	16° 5	24°16	28°12	7° 6	18°26	20°45	8°37	4°52	9° 0	18°18	19°50	24°12	n.a.	S 30
S 31	5 56 33	0♉24'32	29♍45	23♐ 7	29♉26	7♍22	18♐40	20♏51	8♒39	4♍51	8♋59	18°R19	19♌47	24♉18	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s26	14n28	0n 6	24s57	2s 4	25s 1	1s26	14n59	2n25	22s37	0s 5	15s52	1n33	19s24	0s44	11n25	1n39	32n 7	8n40	14n45	14n36	19s34		n.a.
S 2	20 39	10 42	1 19	25 5	2 1	25 6	1 27	14 51	2 26	22 39	0 5	15 54	1 33	19 23	0 44	11 25	1 39	32 7	8 41	14 45	14 37	19 34		n.a.
S 3	20 52	6 26	2 25	25 11	1 58	25 11	1 28	14 44	2 27	22 41	0 5	15 56	1 33	19 23	0 44	11 25	1 39	32 7	8 41	14 45	14 38	19 34		n.a.
M 4	21 4	1 56	3 23	25 15	1 54	25 15	1 30	14 36	2 28	22 43	0 5	15 58	1 33	19 22	0 44	11 25	1 39	32 7	8 41	14 47	14 39	19 34		n.a.
T 5	21 16	2s35	4 8	25 18	1 49	25 18	1 31	14 29	2 30	22 45	0 5	16 0	1 33	19 21	0 44	11 25	1 39	32 8	8 41	14 48	14 40	19 33		n.a.
W 6	21 28	6 55	4 40	25 18	1 43	25 20	1 32	14 21	2 31	22 47	0 6	16 2	1 33	19 21	0 44	11 25	1 40	32 8	8 42	14 51	14 41	19 33		n.a.
T 7	21 39	10 53	4 58	25 16	1 36	25 22	1 33	14 14	2 32	22 49	0 6	16 4	1 33	19 20	0 44	11 24	1 40	32 8	8 42	14 55	14 42	19 33		n.a.
F 8	21 49	14 18	5 0	25 12	1 29	25 23	1 34	14 6	2 33	22 51	0 6	16 6	1 33	19 20	0 44	11 24	1 40	32 9	8 42	14 59	14 43	19 32		n.a.
S 9	21 59	17 2	4 48	25 6	1 20	25 23	1 35	13 59	2 35	22 52	0 6	16 8	1 33	19 19	0 44	11 24	1 40	32 9	8 42	15 4	14 44	19 32		n.a.
S 10	22 9	18 59	4 23	24 58	1 11	25 22	1 36	13 52	2 36	22 54	0 6	16 9	1 32	19 19	0 44	11 24	1 40	32 9	8 42	15 8	14 45	19 32		n.a.
M11	22 18	20 2	3 47	24 49	1 0	25 20	1 36	13 45	2 37	22 56	0 6	16 11	1 32	19 18	0 44	11 24	1 40	32 10	8 43	15 12	14 46	19 31		n.a.
T 12	22 27	20 11	3 0	24 37	0 48	25 18	1 37	13 38	2 39	22 58	0 6	16 13	1 32	19 18	0 44	11 24	1 40	32 10	8 43	15 14	14 47	19 31		n.a.
W13	22 36	19 26	2 6	24 24	0 36	25 15	1 38	13 31	2 40	23 0	0 6	16 15	1 32	19 17	0 44	11 24	1 40	32 10	8 43	15 16	14 48	19 31		n.a.
T 14	22 44	17 50	1 7	24 10	0 22	25 11	1 38	13 24	2 41	23 1	0 6	16 17	1 32	19 16	0 43	11 24	1 40	32 11	8 43	15 17	14 49	19 31		n.a.
F 15	22 51	15 29	0 4	23 54	0 7	25 6	1 39	13 18	2 43	23 3	0 7	16 19	1 32	19 16	0 43	11 24	1 40	32 11	8 43	15 18	14 50	19 30		n.a.
S 16	22 58	12 28	0s59	23 38	0n 9	25 1	1 39	13 11	2 44	23 5	0 7	16 20	1 32	19 15	0 43	11 24	1 40	32 11	8 44	15 17	14 51	19 30		n.a.
S 17	23 5	8 53	2 0	23 20	0 26	24 54	1 40	13 5	2 46	23 7	0 7	16 22	1 32	19 14	0 43	11 24	1 40	32 11	8 44	15 17	14 52	19 30		n.a.
M18	23 11	4 52	2 58	23 2	0 44	24 47	1 40	12 58	2 47	23 8	0 7	16 24	1 32	19 14	0 43	11 25	1 40	32 12	8 44	15 17	14 54	19 29		n.a.
T 19	23 17	0 31	3 48	22 44	1 2	24 40	1 40	12 52	2 48	23 10	0 7	16 26	1 33	19 13	0 43	11 25	1 40	32 12	8 44	15 18	14 55	19 29		n.a.
W20	23 22	4n 0	4 29	22 25	1 21	24 31	1 40	12 46	2 50	23 12	0 7	16 27	1 33	19 12	0 43	11 25	1 40	32 12	8 44	15 19	14 56	19 29		n.a.
T 21	23 27	8 28	4 55	22 7	1 40	24 22	1 41	12 40	2 51	23 13	0 7	16 29	1 33	19 12	0 43	11 25	1 40	32 12	8 45	15 21	14 57	19 28		n.a.
F 22	23 31	12 38	5 5	21 49	1 58	24 12	1 41	12 34	2 53	23 15	0 7	16 31	1 33	19 11	0 43	11 25	1 41	32 13	8 45	15 24	14 58	19 28		n.a.
S 23	23 35	16 12	4 56	21 32	2 16	24 1	1 40	12 28	2 54	23 16	0 7	16 33	1 33	19 10	0 43	11 25	1 41	32 13	8 45	15 27	14 59	19 27		n.a.
S 24	23 39	18 48	4 27	21 15	2 34	23 50	1 40	12 23	2 55	23 18	0 8	16 34	1 33	19 10	0 43	11 25	1 41	32 13	8 45	15 30	15 0	19 27		n.a.
M25	23 41	20 8	3 39	20 59	2 49	23 38	1 40	12 18	2 57	23 19	0 8	16 36	1 33	19 9	0 43	11 25	1 41	32 13	8 45	15 32	15 1	19 27		n.a.
T 26	23 44	20 1	2 36	20 45	3 4	23 25	1 40	12 12	2 58	23 21	0 8	16 38	1 33	19 8	0 43	11 26	1 41	32 14	8 45	15 34	15 2	19 26		n.a.
W27	23 46	18 29	1 22	20 32	3 16	23 11	1 39	12 7	3 0	23 22	0 8	16 39	1 33	19 7	0 43	11 26	1 41	32 14	8 45	15 35	15 3	19 26		n.a.
T 28	23 47	15 44	0 3	20 20	3 26	22 57	1 39	12 2	3 1	23 24	0 8	16 41	1 33	19 7	0 43	11 26	1 41	32 14	8 46	15 35	15 4	19 26		n.a.
F 29	23 48	12 3	1n14	20 10	3 34	22 42	1 38	11 58	3 3	23 25	0 8	16 42	1 33	19 6	0 43	11 26	1 41	32 14	8 46	15 35	15 5	19 25		n.a.
S 30	23 49	7 47	2 24	20 2	3 39	22 26	1 38	11 53	3 4	23 26	0 8	16 44	1 33	19 5	0 43	11 26	1 41	32 15	8 46	15 35	15 6	19 25		n.a.
S 31	23s49	3n14	3n25	19s56	3n42	22s10	1s37	11n49	3n 6	23s28	0s 8	16s46	1n33	19s 4	0s43	11n27	1n41	32n15	8n46	15n35	15n 7	19s25		n.a.

Julian Day Number = 1349932.5, Delta T = 07h08m13s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°07'00, Lahiri = -18°00'00 Julian Calendar 1 Dec. 1018 BCE == Greg. Calendar 21 Nov. 1018 BCE

The year -1017 astronomical counting style corresponds to year 1018 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

JANUARY 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 0 30	1♉25'21	13♎ 3	22°R 4	0♒40	7♍37	18♐54	20♏57	8♒42	4°R51	8°R57	18°R18	19♌44	24♉25	n.a.	M 1
T 2	6 4 26	2°26'08	26° 3	21♐ 7	1°54	7°51	19° 8	21° 3	8°45	4♍50	8♋56	18♌15	19°41	24°32	n.a.	T 2
W 3	6 8 23	3°26'55	8♏47	20°17	3° 8	8° 5	19°22	21° 9	8°48	4°50	8°54	18°11	19°37	24°38	n.a.	W 3
T 4	6 12 20	4°27'40	21°18	19°35	4°21	8°18	19°36	21°15	8°51	4°49	8°53	18° 4	19°34	24°45	n.a.	T 4
F 5	6 16 16	5°28'24	3♐37	19° 1	5°35	8°31	19°50	21°21	8°54	4°49	8°51	17°56	19°31	24°52	n.a.	F 5
S 6	6 20 13	6°29'07	15°47	18°35	6°49	8°43	20° 4	21°26	8°57	4°48	8°50	17°48	19°28	24°58	n.a.	S 6
S 7	6 24 9	7°29'48	27°49	18°17	8° 2	8°55	20°18	21°32	9° 0	4°47	8°49	17°40	19°25	25° 5	n.a.	S 7
M 8	6 28 6	8°30'27	9♉44	18° 7	9°16	9° 6	20°32	21°37	9° 3	4°47	8°47	17°33	19°21	25°11	n.a.	M 8
T 9	6 32 2	9°31'05	21°35	18°D 4	10°29	9°17	20°46	21°43	9° 6	4°46	8°46	17°28	19°18	25°18	n.a.	T 9
W10	6 35 59	10°31'41	3♒23	18° 8	11°43	9°27	20°59	21°48	9° 9	4°45	8°44	17°25	19°15	25°25	n.a.	W10
T 11	6 39 55	11°32'16	15° 9	18°19	12°56	9°36	21°13	21°54	9°12	4°44	8°43	17°D24	19°12	25°31	n.a.	T 11
F 12	6 43 52	12°32'48	26°59	18°36	14°10	9°45	21°27	21°59	9°15	4°43	8°41	17°24	19° 9	25°38	n.a.	F 12
S 13	6 47 49	13°33'18	8♓54	18°59	15°23	9°53	21°41	22° 4	9°19	4°43	8°40	17°26	19° 6	25°45	n.a.	S 13
S 14	6 51 45	14°33'47	20°58	19°27	16°36	10° 1	21°54	22° 9	9°22	4°42	8°38	17°28	19° 2	25°51	n.a.	S 14
M15	6 55 42	15°34'13	3♈18	20° 0	17°49	10° 8	22° 8	22°14	9°25	4°41	8°37	17°29	18°59	25°58	n.a.	M15
T 16	6 59 38	16°34'37	15°56	20°37	19° 2	10°14	22°21	22°19	9°28	4°40	8°35	17°R30	18°56	26° 5	n.a.	T 16
W17	7 3 35	17°34'59	28°57	21°19	20°16	10°20	22°35	22°24	9°31	4°39	8°34	17°29	18°53	26°11	n.a.	W17
T 18	7 7 31	18°35'19	12♉26	22° 5	21°29	10°25	22°48	22°29	9°35	4°38	8°33	17°27	18°50	26°18	n.a.	T 18
F 19	7 11 28	19°35'37	26°23	22°54	22°41	10°29	23° 2	22°34	9°38	4°37	8°31	17°24	18°47	26°25	n.a.	F 19
S 20	7 15 24	20°35'52	10♊48	23°47	23°54	10°33	23°15	22°39	9°41	4°36	8°30	17°21	18°43	26°31	n.a.	S 20
S 21	7 19 21	21°36'06	25°38	24°42	25° 7	10°36	23°29	22°44	9°44	4°35	8°28	17°17	18°40	26°38	n.a.	S 21
M22	7 23 18	22°36'18	10♋44	25°41	26°20	10°38	23°42	22°48	9°48	4°34	8°27	17°13	18°37	26°45	n.a.	M22
T 23	7 27 14	23°36'27	26° 0	26°42	27°32	10°40	23°55	22°53	9°51	4°32	8°26	17°11	18°34	26°51	n.a.	T 23
W24	7 31 11	24°36'34	11♌13	27°46	28°45	10°41	24° 8	22°57	9°54	4°31	8°24	17°D10	18°31	26°58	n.a.	W24
T 25	7 35 7	25°36'40	26°15	28°52	29°57	10°R41	24°21	23° 2	9°58	4°30	8°23	17°10	18°27	27° 5	n.a.	T 25
F 26	7 39 4	26°36'44	10♍57	0♉ 0	1♓10	10°40	24°35	23° 6	10° 1	4°29	8°21	17°11	18°24	27°11	n.a.	F 26
S 27	7 43 0	27°36'45	25°16	1°10	2°22	10°39	24°48	23°10	10° 4	4°28	8°20	17°13	18°21	27°18	n.a.	S 27
S 28	7 46 57	28°36'45	9♎ 8	2°23	3°34	10°37	25° 1	23°15	10° 8	4°26	8°19	17°14	18°18	27°25	n.a.	S 28
M29	7 50 53	29°36'43	22°34	3°37	4°47	10°34	25°14	23°19	10°11	4°25	8°17	17°15	18°15	27°31	n.a.	M29
T 30	7 54 50	0♒36'40	5♏36	4°53	5°59	10°30	25°26	23°23	10°14	4°24	8°16	17°R15	18°12	27°38	n.a.	T 30
W31	7 58 47	1♒36'35	18♏17	6♉10	7♓11	10♍26	25♐39	23♏27	10♒18	4♍23	8♋15	17♌14	18♌ 8	27♉45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23 s48	1 s22	4n13	19 s52	3n43	21 s53	1 s36	11n44	3n 8	23 s29	0 s 8	16 s47	1n33	19 s 3	0 s43	11n27	1n41	32n15	8n46	15n35	15n 8	19 s24			n.a.
T 2	23 47	5 47	4 46	19 50	3 41	21 36	1 36	11 40	3 9	23 30	0 9	16 49	1 33	19 3	0 43	11 27	1 41	32 15	8 46	15 36	15 9	19 24			n.a.
W 3	23 46	9 51	5 5	19 50	3 38	21 18	1 35	11 36	3 11	23 32	0 9	16 50	1 33	19 2	0 43	11 27	1 41	32 16	8 46	15 37	15 10	19 23			n.a.
T 4	23 44	13 24	5 8	19 52	3 33	20 59	1 34	11 33	3 12	23 33	0 9	16 52	1 33	19 1	0 43	11 28	1 41	32 16	8 46	15 39	15 11	19 23			n.a.
F 5	23 42	16 20	4 57	19 55	3 27	20 40	1 33	11 29	3 14	23 34	0 9	16 53	1 33	19 0	0 43	11 28	1 41	32 16	8 46	15 42	15 12	19 23			n.a.
S 6	23 39	18 31	4 33	20 1	3 19	20 20	1 31	11 26	3 15	23 35	0 9	16 55	1 33	18 59	0 43	11 28	1 41	32 16	8 47	15 44	15 13	19 22			n.a.
S 7	23 36	19 51	3 57	20 8	3 10	20 0	1 30	11 23	3 17	23 36	0 9	16 56	1 33	18 59	0 43	11 28	1 42	32 16	8 47	15 47	15 14	19 22			n.a.
M 8	23 32	20 17	3 11	20 16	3 1	19 39	1 29	11 20	3 18	23 37	0 9	16 57	1 33	18 58	0 43	11 29	1 42	32 17	8 47	15 49	15 15	19 21			n.a.
T 9	23 28	19 49	2 16	20 26	2 51	19 17	1 28	11 18	3 20	23 39	0 9	16 59	1 33	18 57	0 43	11 29	1 42	32 17	8 47	15 50	15 16	19 21			n.a.
W10	23 23	18 29	1 16	20 37	2 40	18 55	1 26	11 15	3 22	23 40	0 9	17 0	1 33	18 56	0 43	11 29	1 42	32 17	8 47	15 51	15 17	19 20			n.a.
T 11	23 18	16 21	0 12	20 49	2 29	18 33	1 25	11 13	3 23	23 41	0 10	17 1	1 33	18 55	0 43	11 30	1 42	32 17	8 47	15 52	15 18	19 20			n.a.
F 12	23 13	13 32	0 s52	21 2	2 18	18 10	1 23	11 11	3 25	23 42	0 10	17 3	1 33	18 54	0 43	11 30	1 42	32 17	8 47	15 52	15 19	19 20			n.a.
S 13	23 7	10 8	1 55	21 15	2 7	17 46	1 21	11 9	3 26	23 43	0 10	17 4	1 33	18 54	0 43	11 31	1 42	32 17	8 47	15 51	15 20	19 19			n.a.
S 14	23 0	6 17	2 54	21 28	1 55	17 22	1 20	11 8	3 28	23 44	0 10	17 5	1 33	18 53	0 43	11 31	1 42	32 18	8 47	15 51	15 21	19 19			n.a.
M15	22 53	2 7	3 46	21 42	1 44	16 58	1 18	11 7	3 29	23 45	0 10	17 7	1 33	18 52	0 43	11 31	1 42	32 18	8 47	15 50	15 22	19 18			n.a.
T 16	22 46	2n15	4 28	21 56	1 32	16 33	1 16	11 6	3 31	23 46	0 10	17 8	1 34	18 51	0 43	11 32	1 42	32 18	8 47	15 50	15 23	19 18			n.a.
W17	22 38	6 38	4 58	22 11	1 21	16 7	1 14	11 5	3 33	23 46	0 10	17 9	1 34	18 50	0 43	11 32	1 42	32 18	8 47	15 50	15 24	19 17			n.a.
T 18	22 30	10 51	5 13	22 25	1 10	15 42	1 12	11 4	3 34	23 47	0 10	17 10	1 34	18 49	0 43	11 33	1 42	32 18	8 47	15 51	15 25	19 17			n.a.
F 19	22 21	14 37	5 10	22 38	0 59	15 16	1 10	11 4	3 36	23 48	0 11	17 12	1 34	18 48	0 43	11 33	1 42	32 18	8 47	15 52	15 26	19 16			n.a.
S 20	22 12	17 39	4 48	22 52	0 48	14 49	1 7	11 4	3 37	23 49	0 11	17 13	1 34	18 47	0 43	11 33	1 42	32 18	8 47	15 53	15 27	19 16			n.a.
S 21	22 3	19 38	4 7	23 5	0 38	14 22	1 5	11 4	3 39	23 50	0 11	17 14	1 34	18 46	0 43	11 34	1 42	32 19	8 47	15 54	15 28	19 16			n.a.
M22	21 53	20 15	3 7	23 17	0 27	13 55	1 3	11 5	3 40	23 51	0 11	17 15	1 34	18 46	0 43	11 34	1 42	32 19	8 47	15 55	15 29	19 15			n.a.
T 23	21 43	19 25	1 54	23 29	0 17	13 28	1 0	11 6	3 42	23 51	0 11	17 16	1 34	18 45	0 43	11 35	1 42	32 19	8 47	15 56	15 30	19 15			n.a.
W24	21 32	17 9	0 33	23 40	0 8	13 0	0 58	11 7	3 43	23 52	0 11	17 17	1 34	18 44	0 43	11 35	1 42	32 19	8 47	15 56	15 31	19 14			n.a.
T 25	21 21	13 45	0n50	23 51	0 s 2	12 32	0 55	11 8	3 45	23 53	0 11	17 18	1 34	18 43	0 43	11 36	1 42	32 19	8 47	15 56	15 32	19 14			n.a.
F 26	21 10	9 32	2 8	24 0	0 11	12 3	0 53	11 10	3 46	23 54	0 11	17 19	1 34	18 42	0 43	11 36	1 43	32 19	8 47	15 56	15 33	19 13			n.a.
S 27	20 58	4 53	3 15	24 9	0 20	11 34	0 50	11 11	3 48	23 54	0 12	17 20	1 34	18 41	0 43	11 37	1 43	32 19	8 47	15 55	15 34	19 13			n.a.
S 28	20 46	0 8	4 9	24 16	0 29	11 5	0 47	11 14	3 49	23 55	0 12	17 21	1 34	18 40	0 43	11 37	1 43	32 19	8 47	15 55	15 35	19 12			n.a.
M29	20 33	4 s28	4 48	24 23	0 37	10 36	0 45	11 16	3 51	23 55	0 12	17 22	1 34	18 39	0 43	11 38	1 43	32 19	8 47	15 55	15 36	19 12			n.a.
T 30	20 20	8 43	5 10	24 29	0 45	10 6	0 42	11 19	3 52	23 56	0 12	17 23	1 34	18 38	0 43	11 38	1 43	32 19	8 47	15 55	15 37	19 11			n.a.
W31	20 s 7	12 s29	5n16	24 s33	0 s53	9 s37	0 s39	11n22	3n53	23 s57	0 s12	17 s24	1n35	18 s37	0 s43	11n39	1n43	32n19	8n47	15n55	15n38	19 s11			n.a.

Julian Day Number = 1349963.5, Delta T = 07h08m12s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'56, Lahiri = -17°59'56 Julian Calendar 1 Jan. 1017 BCE == Greg. Calendar 22 Dec. 1018 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

FEBRUARY 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 2 43	2♒36'27	0♐41	7♑29	8♓23	10°R21	25♐52	23♏31	10♒21	4°R21	8°R13	17°R13	18♌ 5	27♑51	n.a.	T 1
F 2	8 6 40	3°36'19	12°52	8°50	9°34	10♍15	26° 5	23°34	10°25	4♍20	8♋12	17♌11	18° 2	27°58	n.a.	F 2
S 3	8 10 36	4°36'08	24°52	10°13	10°46	10° 8	26°17	23°38	10°28	4°19	8°11	17° 9	17°59	28° 5	n.a.	S 3
S 4	8 14 33	5°35'55	6♑45	11°36	11°58	10° 1	26°30	23°42	10°31	4°17	8° 9	17° 7	17°56	28°11	n.a.	S 4
M 5	8 18 29	6°35'40	18°35	13° 1	13°10	9°52	26°42	23°45	10°35	4°16	8° 8	17° 5	17°53	28°18	n.a.	M 5
T 6	8 22 26	7°35'23	0♒22	14°28	14°21	9°43	26°55	23°49	10°38	4°14	8° 7	17° 4	17°49	28°25	n.a.	T 6
W 7	8 26 22	8°35'04	12°10	15°56	15°32	9°33	27° 7	23°52	10°42	4°13	8° 6	17°D 4	17°46	28°31	n.a.	W 7
T 8	8 30 19	9°34'43	24° 1	17°25	16°44	9°23	27°19	23°56	10°45	4°12	8° 5	17° 4	17°43	28°38	n.a.	T 8
F 9	8 34 15	10°34'20	5♓56	18°56	17°55	9°11	27°32	23°59	10°49	4°10	8° 3	17° 4	17°40	28°45	n.a.	F 9
S 10	8 38 12	11°33'54	17°59	20°28	19° 6	8°59	27°44	24° 2	10°52	4° 9	8° 2	17° 5	17°37	28°51	n.a.	S 10
S 11	8 42 9	12°33'26	0♈11	22° 1	20°17	8°46	27°56	24° 5	10°55	4° 7	8° 1	17° 5	17°33	28°58	n.a.	S 11
M12	8 46 5	13°32'55	12°37	23°36	21°28	8°33	28° 8	24° 8	10°59	4° 6	8° 0	17° 6	17°30	29° 4	n.a.	M12
T 13	8 50 2	14°32'22	25°18	25°11	22°39	8°18	28°20	24°11	11° 2	4° 4	7°59	17° 6	17°27	29°11	n.a.	T 13
W14	8 53 58	15°31'47	8♉18	26°49	23°50	8° 3	28°31	24°14	11° 6	4° 3	7°58	17° 6	17°24	29°18	n.a.	W14
T 15	8 57 55	16°31'09	21°40	28°27	25° 0	7°48	28°43	24°16	11° 9	4° 1	7°57	17° 6	17°21	29°24	n.a.	T 15
F 16	9 1 51	17°30'29	5♊26	0♒ 7	26°11	7°31	28°55	24°19	11°12	3°59	7°55	17° 6	17°18	29°31	n.a.	F 16
S 17	9 5 48	18°29'46	19°36	1°48	27°21	7°14	29° 6	24°21	11°16	3°58	7°54	17° 6	17°14	29°38	n.a.	S 17
S 18	9 9 44	19°29'01	4♋ 9	3°30	28°31	6°57	29°18	24°24	11°19	3°56	7°53	17° 7	17°11	29°44	n.a.	S 18
M19	9 13 41	20°28'13	19° 1	5°14	29°41	6°39	29°29	24°26	11°23	3°55	7°52	17° 7	17° 8	29°51	n.a.	M19
T 20	9 17 38	21°27'24	4♌ 5	6°59	0♈51	6°20	29°41	24°28	11°26	3°53	7°51	17° 7	17° 5	29°58	n.a.	T 20
W21	9 21 34	22°26'31	19°13	8°45	2° 1	6° 1	29°52	24°30	11°29	3°52	7°50	17°R 7	17° 2	0♒ 4	n.a.	W21
T 22	9 25 31	23°25'37	4♍16	10°33	3°11	5°41	0♑ 3	24°32	11°33	3°50	7°49	17° 7	16°58	0°11	n.a.	T 22
F 23	9 29 27	24°24'40	19° 6	12°22	4°20	5°21	0°14	24°34	11°36	3°48	7°49	17° 6	16°55	0°18	n.a.	F 23
S 24	9 33 24	25°23'41	3♎34	14°13	5°30	5° 0	0°25	24°36	11°40	3°47	7°48	17° 6	16°52	0°24	n.a.	S 24
S 25	9 37 20	26°22'41	17°38	16° 5	6°39	4°39	0°36	24°38	11°43	3°45	7°47	17° 5	16°49	0°31	n.a.	S 25
M26	9 41 17	27°21'38	1♏14	17°58	7°48	4°18	0°46	24°40	11°46	3°43	7°46	17° 3	16°46	0°38	n.a.	M26
T 27	9 45 13	28°20'33	14°24	19°53	8°57	3°56	0°57	24°41	11°49	3°42	7°45	17° 3	16°43	0°44	n.a.	T 27
W28	9 49 10	29°19'27	27° 9	21°49	10° 6	3°34	1° 8	24°43	11°53	3°40	7°44	17°D 2	16°39	0°51	n.a.	W28
T 29	9 53 6	0♓18'19	9♐34	23♒47	11♈15	3♍12	1♑18	24♏44	11♒56	3♍39	7♋43	17♌ 2	16♌36	0♒58	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s53	15s36	5n 8	24s36	1s 0	9s 7	0s36	11n25	3n55	23s57	0s12	17s25	1n35	18s36	0s43	11n39	1n43	32n20	8n47	15n55	15n39	19s10		n.a.
F 2	19 39	17 59	4 45	24 38	1 7	8 36	0 33	11 28	3 56	23 58	0 12	17 26	1 35	18 35	0 43	11 40	1 43	32 20	8 47	15 56	15 40	19 10		n.a.
S 3	19 25	19 32	4 11	24 39	1 14	8 6	0 30	11 32	3 57	23 58	0 13	17 27	1 35	18 34	0 43	11 40	1 43	32 20	8 47	15 56	15 41	19 9		n.a.
S 4	19 10	20 13	3 26	24 38	1 21	7 35	0 27	11 36	3 58	23 59	0 13	17 28	1 35	18 33	0 43	11 41	1 43	32 20	8 47	15 57	15 42	19 9		n.a.
M 5	18 55	20 0	2 32	24 36	1 27	7 5	0 23	11 40	4 0	23 59	0 13	17 28	1 35	18 33	0 43	11 41	1 43	32 20	8 47	15 57	15 43	19 8		n.a.
T 6	18 40	18 54	1 31	24 33	1 32	6 34	0 20	11 45	4 1	24 0	0 13	17 29	1 35	18 32	0 43	11 42	1 43	32 20	8 47	15 58	15 44	19 7		n.a.
W 7	18 24	16 59	0 27	24 28	1 38	6 3	0 17	11 50	4 2	24 0	0 13	17 30	1 35	18 31	0 43	11 43	1 43	32 20	8 47	15 58	15 45	19 7		n.a.
T 8	18 8	14 20	0s39	24 21	1 42	5 32	0 14	11 55	4 3	24 0	0 13	17 31	1 35	18 30	0 43	11 43	1 43	32 20	8 47	15 58	15 46	19 6		n.a.
F 9	17 52	11 4	1 43	24 13	1 47	5 0	0 10	12 0	4 4	24 1	0 13	17 31	1 35	18 29	0 43	11 44	1 43	32 20	8 47	15 58	15 47	19 6		n.a.
S 10	17 35	7 20	2 44	24 4	1 51	4 29	0 7	12 5	4 4	24 1	0 13	17 32	1 35	18 28	0 43	11 44	1 43	32 20	8 47	15 58	15 48	19 5		n.a.
S 11	17 18	3 15	3 38	23 52	1 55	3 57	0 3	12 11	4 5	24 2	0 14	17 33	1 36	18 27	0 43	11 45	1 43	32 20	8 47	15 57	15 49	19 5		n.a.
M12	17 1	1n 2	4 22	23 39	1 58	3 26	0n 0	12 17	4 6	24 2	0 14	17 33	1 36	18 26	0 43	11 45	1 43	32 20	8 47	15 57	15 50	19 4		n.a.
T 13	16 44	5 21	4 55	23 25	2 1	2 54	0 4	12 23	4 7	24 2	0 14	17 34	1 36	18 25	0 43	11 46	1 43	32 20	8 47	15 57	15 51	19 4		n.a.
W14	16 26	9 32	5 14	23 9	2 4	2 23	0 7	12 29	4 7	24 2	0 14	17 35	1 36	18 24	0 43	11 47	1 43	32 20	8 47	15 57	15 52	19 3		n.a.
T 15	16 8	13 22	5 17	22 51	2 6	1 51	0 11	12 36	4 8	24 3	0 14	17 35	1 36	18 23	0 43	11 47	1 43	32 20	8 47	15 57	15 53	19 2		n.a.
F 16	15 50	16 35	5 2	22 31	2 7	1 19	0 15	12 42	4 8	24 3	0 14	17 36	1 36	18 22	0 43	11 48	1 43	32 20	8 47	15 57	15 54	19 2		n.a.
S 17	15 31	18 56	4 29	22 9	2 9	0 47	0 18	12 49	4 9	24 3	0 14	17 36	1 36	18 21	0 43	11 48	1 43	32 20	8 46	15 57	15 55	19 1		n.a.
S 18	15 12	20 8	3 37	21 46	2 9	0 16	0 22	12 56	4 9	24 3	0 15	17 37	1 36	18 20	0 43	11 49	1 43	32 20	8 46	15 57	15 56	19 1		n.a.
M19	14 54	19 58	2 30	21 21	2 10	0n16	0 26	13 3	4 9	24 4	0 15	17 37	1 36	18 19	0 43	11 50	1 43	32 20	8 46	15 57	15 57	19 0		n.a.
T 20	14 34	18 22	1 12	20 54	2 9	0 48	0 30	13 10	4 9	24 4	0 15	17 38	1 36	18 18	0 43	11 50	1 43	32 20	8 46	15 57	15 58	19 0		n.a.
W21	14 15	15 29	0n12	20 25	2 9	1 20	0 33	13 18	4 9	24 4	0 15	17 38	1 36	18 17	0 43	11 51	1 43	32 20	8 46	15 57	15 59	18 59		n.a.
T 22	13 55	11 33	1 34	19 54	2 7	1 51	0 37	13 25	4 9	24 4	0 15	17 39	1 37	18 16	0 43	11 52	1 43	32 20	8 46	15 57	16 0	18 58		n.a.
F 23	13 35	6 58	2 49	19 22	2 6	2 23	0 41	13 32	4 9	24 4	0 15	17 39	1 37	18 15	0 43	11 52	1 43	32 20	8 46	15 57	16 1	18 58		n.a.
S 24	13 15	2 5	3 51	18 47	2 3	2 54	0 45	13 40	4 9	24 4	0 16	17 39	1 37	18 15	0 43	11 53	1 43	32 20	8 46	15 57	16 1	18 57		n.a.
S 25	12 55	2s46	4 37	18 11	2 1	3 26	0 49	13 48	4 8	24 4	0 16	17 40	1 37	18 14	0 43	11 53	1 43	32 20	8 46	15 58	16 2	18 57		n.a.
M26	12 35	7 19	5 6	17 33	1 57	3 57	0 53	13 55	4 8	24 5	0 16	17 40	1 37	18 13	0 43	11 54	1 43	32 19	8 46	15 58	16 3	18 56		n.a.
T 27	12 14	11 22	5 17	16 52	1 54	4 28	0 57	14 3	4 7	24 5	0 16	17 40	1 37	18 12	0 43	11 55	1 43	32 19	8 45	15 58	16 4	18 55		n.a.
W28	11 53	14 46	5 13	16 10	1 49	4 59	1 1	14 10	4 6	24 5	0 16	17 41	1 37	18 11	0 43	11 55	1 44	32 19	8 45	15 58	16 5	18 55		n.a.
T 29	11s32	17s24	4n53	15s26	1s44	5n30	1n 5	14n18	4n 6	24s 5	0s16	17s41	1n37	18s10	0s43	11n56	1n44	32n19	8n45	15n58	16n 6	18s54		n.a.

Julian Day Number = 1349994.5, Delta T = 07h08m10s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'52, Lahiri = -17°59'51 Julian Calendar 1 Feb. 1017 BCE == Greg. Calendar 22 Jan. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

MARCH 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 57 3	1♓17'09	21♐42	25♒45	12♈24	2°R49	1♑28	24♏45	11♒59	3°R37	7°R43	17♌ 3	16♌33	1♒ 4	n.a.	F 1
S 2	10 1 0	2°15'57	3♑39	27°46	13°32	2♍27	1°39	24°47	12° 3	3♍35	7♋42	17° 4	16°30	1°11	n.a.	S 2
S 3	10 4 56	3°14'43	15°29	29°47	14°40	2° 4	1°49	24°48	12° 6	3°34	7°41	17° 6	16°27	1°17	n.a.	S 3
M 4	10 8 53	4°13'27	27°16	1♓49	15°49	1°41	1°59	24°49	12° 9	3°32	7°40	17° 7	16°24	1°24	n.a.	M 4
T 5	10 12 49	5°12'09	9♒ 3	3°53	16°56	1°18	2° 9	24°50	12°12	3°30	7°40	17° 8	16°20	1°31	n.a.	T 5
W 6	10 16 46	6°10'50	20°54	5°57	18° 4	0°56	2°18	24°50	12°16	3°29	7°39	17°R 8	16°17	1°37	n.a.	W 6
T 7	10 20 42	7° 9'28	2♓52	8° 3	19°12	0°33	2°28	24°51	12°19	3°27	7°39	17° 7	16°14	1°44	n.a.	T 7
F 8	10 24 39	8° 8'04	14°58	10° 9	20°19	0°10	2°38	24°52	12°22	3°25	7°38	17° 6	16°11	1°51	n.a.	F 8
S 9	10 28 35	9° 6'38	27°13	12°15	21°27	29♌48	2°47	24°52	12°25	3°24	7°37	17° 3	16° 8	1°57	n.a.	S 9
S 10	10 32 32	10° 5'10	9♈41	14°22	22°34	29°26	2°56	24°53	12°28	3°22	7°37	16°59	16° 4	2° 4	n.a.	S 10
M11	10 36 28	11° 3'39	22°20	16°29	23°41	29° 4	3° 6	24°53	12°31	3°21	7°36	16°55	16° 1	2°11	n.a.	M11
T 12	10 40 25	12° 2'07	5♉14	18°35	24°48	28°42	3°15	24°53	12°34	3°19	7°36	16°52	15°58	2°17	n.a.	T 12
W13	10 44 22	13° 0'32	18°22	20°41	25°54	28°21	3°24	24°53	12°37	3°17	7°35	16°49	15°55	2°24	n.a.	W13
T 14	10 48 18	13°58'55	1♊47	22°46	27° 1	28° 0	3°32	24°R53	12°40	3°16	7°35	16°47	15°52	2°31	n.a.	T 14
F 15	10 52 15	14°57'16	15°28	24°49	28° 7	27°39	3°41	24°53	12°43	3°14	7°34	16°D47	15°49	2°37	n.a.	F 15
S 16	10 56 11	15°55'35	29°27	26°52	29°13	27°19	3°50	24°53	12°46	3°12	7°34	16°47	15°45	2°44	n.a.	S 16
S 17	11 0 8	16°53'51	13♋43	28°52	0♉18	27° 0	3°58	24°53	12°49	3°11	7°34	16°49	15°42	2°51	n.a.	S 17
M18	11 4 4	17°52'05	28°13	0♈50	1°24	26°41	4° 6	24°52	12°52	3° 9	7°33	16°50	15°39	2°57	n.a.	M18
T 19	11 8 1	18°50'17	12♌55	2°46	2°29	26°23	4°15	24°52	12°55	3° 8	7°33	16°R51	15°36	3° 4	n.a.	T 19
W20	11 11 57	19°48'27	27°44	4°39	3°34	26° 5	4°23	24°51	12°58	3° 6	7°33	16°50	15°33	3°11	n.a.	W20
T 21	11 15 54	20°46'35	12♍32	6°29	4°39	25°48	4°30	24°51	13° 1	3° 5	7°33	16°49	15°30	3°17	n.a.	T 21
F 22	11 19 51	21°44'40	27°12	8°15	5°43	25°31	4°38	24°50	13° 4	3° 3	7°32	16°45	15°26	3°24	n.a.	F 22
S 23	11 23 47	22°42'44	11♎36	9°59	6°48	25°15	4°46	24°49	13° 7	3° 2	7°32	16°40	15°23	3°30	n.a.	S 23
S 24	11 27 44	23°40'47	25°41	11°39	7°52	25° 0	4°53	24°48	13°10	3° 0	7°32	16°34	15°20	3°37	n.a.	S 24
M25	11 31 40	24°38'47	9♏20	13°15	8°55	24°46	5° 1	24°47	13°12	2°58	7°32	16°29	15°17	3°44	n.a.	M25
T 26	11 35 37	25°36'46	22°35	14°47	9°59	24°32	5° 8	24°46	13°15	2°57	7°32	16°24	15°14	3°50	n.a.	T 26
W27	11 39 33	26°34'44	5♐24	16°15	11° 2	24°19	5°15	24°45	13°18	2°56	7°32	16°20	15°10	3°57	n.a.	W27
T 28	11 43 30	27°32'40	17°52	17°39	12° 5	24° 6	5°22	24°43	13°20	2°54	7°32	16°18	15° 7	4° 4	n.a.	T 28
F 29	11 47 26	28°30'35	0♑ 2	18°59	13° 8	23°55	5°29	24°42	13°23	2°53	7°32	16°D17	15° 4	4°10	n.a.	F 29
S 30	11 51 23	29°28'28	12° 0	20°15	14°10	23°44	5°35	24°41	13°26	2°51	7°D32	16°18	15° 1	4°17	n.a.	S 30
S 31	11 55 19	0♈26'20	23♑50	21♈27	15♉12	23♌34	5♑42	24♏39	13♒28	2♍50	7♋32	16♌19	14♌58	4♒24	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s11	19s12	4n21	14s41	1s39	6n 1	1n 8	14n25	4n 5	24s 5	0s16	17s41	1n37	18s 9	0s43	11n56	1n44	32n19	8n45	15n58	16n 7	18s53		n.a.
S 2	10 50	20 7	3 38	13 53	1 33	6 32	1 12	14 33	4 4	24 5	0 17	17 41	1 37	18 8	0 43	11 57	1 44	32 19	8 45	15 58	16 8	18 53		n.a.
S 3	10 28	20 9	2 47	13 4	1 26	7 2	1 16	14 40	4 3	24 5	0 17	17 41	1 37	18 7	0 43	11 58	1 44	32 19	8 45	15 57	16 9	18 52		n.a.
M 4	10 7	19 16	1 48	12 13	1 19	7 33	1 20	14 47	4 1	24 5	0 17	17 41	1 38	18 6	0 43	11 58	1 44	32 19	8 45	15 57	16 10	18 52		n.a.
T 5	9 45	17 33	0 45	11 21	1 11	8 3	1 24	14 54	4 0	24 5	0 17	17 42	1 38	18 5	0 43	11 59	1 44	32 19	8 44	15 57	16 11	18 51		n.a.
W 6	9 23	15 5	0s21	10 27	1 3	8 33	1 28	15 1	3 59	24 5	0 17	17 42	1 38	18 4	0 43	12 0	1 44	32 19	8 44	15 57	16 12	18 50		n.a.
T 7	9 1	11 57	1 26	9 31	0 54	9 3	1 32	15 8	3 57	24 5	0 17	17 42	1 38	18 4	0 43	12 0	1 44	32 19	8 44	15 57	16 13	18 50		n.a.
F 8	8 39	8 17	2 28	8 35	0 45	9 32	1 36	15 15	3 55	24 5	0 18	17 42	1 38	18 3	0 43	12 1	1 44	32 19	8 44	15 57	16 14	18 49		n.a.
S 9	8 17	4 13	3 23	7 37	0 35	10 2	1 40	15 21	3 54	24 5	0 18	17 42	1 38	18 2	0 43	12 1	1 44	32 18	8 44	15 58	16 15	18 48		n.a.
S 10	7 54	0n 4	4 10	6 38	0 25	10 31	1 44	15 27	3 52	24 5	0 18	17 42	1 38	18 1	0 43	12 2	1 44	32 18	8 44	15 59	16 16	18 48		n.a.
M11	7 32	4 25	4 46	5 39	0 15	11 0	1 47	15 34	3 50	24 5	0 18	17 42	1 38	18 0	0 43	12 3	1 44	32 18	8 44	16 0	16 17	18 47		n.a.
T 12	7 9	8 38	5 8	4 39	0 4	11 28	1 51	15 39	3 48	24 5	0 18	17 42	1 38	17 59	0 43	12 3	1 44	32 18	8 43	16 2	16 18	18 46		n.a.
W13	6 47	12 32	5 14	3 39	0n 7	11 56	1 55	15 45	3 46	24 5	0 18	17 42	1 38	17 58	0 43	12 4	1 44	32 18	8 43	16 2	16 19	18 46		n.a.
T 14	6 24	15 53	5 4	2 39	0 18	12 24	1 59	15 50	3 44	24 5	0 19	17 42	1 39	17 57	0 43	12 4	1 44	32 18	8 43	16 3	16 20	18 45		n.a.
F 15	6 1	18 26	4 36	1 39	0 29	12 52	2 2	15 56	3 41	24 5	0 19	17 42	1 39	17 57	0 43	12 5	1 44	32 18	8 43	16 3	16 21	18 44		n.a.
S 16	5 38	19 57	3 51	0 39	0 40	13 20	2 6	16 0	3 39	24 4	0 19	17 41	1 39	17 56	0 43	12 6	1 44	32 18	8 43	16 3	16 22	18 44		n.a.
S 17	5 15	20 15	2 52	0n19	0 51	13 47	2 10	16 5	3 37	24 4	0 19	17 41	1 39	17 55	0 43	12 6	1 44	32 17	8 43	16 3	16 23	18 43		n.a.
M18	4 52	19 12	1 40	1 17	1 2	14 13	2 13	16 9	3 34	24 4	0 19	17 41	1 39	17 54	0 43	12 7	1 44	32 17	8 43	16 2	16 24	18 42		n.a.
T 19	4 29	16 51	0 22	2 14	1 13	14 40	2 17	16 14	3 32	24 4	0 20	17 41	1 39	17 53	0 43	12 7	1 44	32 17	8 42	16 2	16 25	18 41		n.a.
W20	4 6	13 23	0n59	3 9	1 24	15 6	2 21	16 17	3 29	24 4	0 20	17 41	1 39	17 52	0 43	12 8	1 44	32 17	8 42	16 2	16 26	18 41		n.a.
T 21	3 43	9 3	2 16	4 3	1 34	15 32	2 24	16 21	3 26	24 4	0 20	17 40	1 39	17 52	0 43	12 8	1 44	32 17	8 42	16 3	16 27	18 40		n.a.
F 22	3 19	4 13	3 23	4 54	1 44	15 57	2 28	16 24	3 24	24 4	0 20	17 40	1 39	17 51	0 43	12 9	1 44	32 17	8 42	16 4	16 28	18 39		n.a.
S 23	2 56	0s45	4 15	5 44	1 53	16 22	2 31	16 27	3 21	24 4	0 20	17 40	1 39	17 50	0 43	12 10	1 44	32 17	8 42	16 5	16 28	18 39		n.a.
S 24	2 33	5 34	4 51	6 32	2 2	16 46	2 34	16 30	3 18	24 4	0 20	17 40	1 39	17 49	0 43	12 10	1 44	32 16	8 42	16 7	16 29	18 38		n.a.
M25	2 10	9 57	5 9	7 18	2 10	17 11	2 38	16 32	3 15	24 4	0 21	17 39	1 40	17 48	0 43	12 11	1 43	32 16	8 41	16 9	16 30	18 37		n.a.
T 26	1 46	13 43	5 9	8 1	2 17	17 34	2 41	16 34	3 12	24 4	0 21	17 39	1 40	17 48	0 43	12 11	1 43	32 16	8 41	16 10	16 31	18 36		n.a.
W27	1 23	16 43	4 54	8 42	2 24	17 58	2 44	16 36	3 10	24 4	0 21	17 39	1 40	17 47	0 43	12 12	1 43	32 16	8 41	16 11	16 32	18 36		n.a.
T 28	0 59	18 51	4 25	9 20	2 30	18 21	2 47	16 37	3 7	24 3	0 21	17 38	1 40	17 46	0 43	12 12	1 43	32 16	8 41	16 12	16 33	18 35		n.a.
F 29	0 36	20 4	3 45	9 56	2 35	18 43	2 50	16 38	3 4	24 3	0 21	17 38	1 40	17 45	0 43	12 13	1 43	32 16	8 41	16 12	16 34	18 34		n.a.
S 30	0 13	20 21	2 56	10 29	2 40	19 5	2 53	16 39	3 1	24 3	0 22	17 37	1 40	17 45	0 43	12 13	1 43	32 15	8 41	16 12	16 35	18 33		n.a.
S 31	0n11	19s43	1n59	11n 0	2n43	19n27	2n56	16n40	2n58	24s 3	0s22	17s37	1n40	17s44	0s43	12n14	1n43	32n15	8n40	16n11	16n36	18s33		n.a.

Julian Day Number = 1350023.5, Delta T = 07h08m09s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'48, Lahiri = -17°59'47 Julian Calendar 1 March 1017 BCE == Greg. Calendar 20 Feb. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

APRIL 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 59 16	1♈24'11	5♒37	22♈34	16♉14	23°R25	5♑48	24°R37	13♒31	2°R48	7♋32	16♌21	14♌55	4♒30	n.a.	M 1
T 2	12 3 13	2°22'00	17°26	23°37	17°15	23♌16	5°54	24♏36	13°33	2♍47	7°32	16°R21	14°51	4°37	n.a.	T 2
W 3	12 7 9	3°19'47	29°22	24°35	18°16	23° 9	6° 0	24°34	13°36	2°46	7°32	16°20	14°48	4°44	n.a.	W 3
T 4	12 11 6	4°17'34	11♓27	25°29	19°17	23° 2	6° 6	24°32	13°38	2°44	7°32	16°17	14°45	4°50	n.a.	T 4
F 5	12 15 2	5°15'18	23°45	26°18	20°18	22°56	6°12	24°30	13°41	2°43	7°32	16°12	14°42	4°57	n.a.	F 5
S 6	12 18 59	6°13'01	6♈17	27° 2	21°18	22°51	6°17	24°28	13°43	2°42	7°32	16° 5	14°39	5° 4	n.a.	S 6
S 7	12 22 55	7°10'43	19° 3	27°42	22°17	22°47	6°22	24°25	13°46	2°40	7°33	15°57	14°35	5°10	n.a.	S 7
M 8	12 26 52	8° 8'23	2♉ 4	28°17	23°17	22°43	6°28	24°23	13°48	2°39	7°33	15°47	14°32	5°17	n.a.	M 8
T 9	12 30 48	9° 6'02	15°18	28°47	24°15	22°40	6°33	24°21	13°50	2°38	7°33	15°39	14°29	5°23	n.a.	T 9
W10	12 34 45	10° 3'39	28°44	29°12	25°14	22°39	6°37	24°18	13°52	2°37	7°33	15°31	14°26	5°30	n.a.	W10
T 11	12 38 42	11° 1'15	12♊21	29°32	26°12	22°38	6°42	24°16	13°55	2°35	7°34	15°26	14°23	5°37	n.a.	T 11
F 12	12 42 38	11°58'49	26° 9	29°48	27°10	22°D37	6°47	24°13	13°57	2°34	7°34	15°23	14°20	5°43	n.a.	F 12
S 13	12 46 35	12°56'21	10♋ 7	29°58	28° 7	22°38	6°51	24°11	13°59	2°33	7°34	15°D22	14°16	5°50	n.a.	S 13
S 14	12 50 31	13°53'52	24°13	0♉ 4	29° 3	22°39	6°55	24° 8	14° 1	2°32	7°35	15°22	14°13	5°57	n.a.	S 14
M15	12 54 28	14°51'21	8♌27	0°R 5	29°59	22°41	6°59	24° 5	14° 3	2°31	7°35	15°R23	14°10	6° 3	n.a.	M15
T 16	12 58 24	15°48'49	22°47	0° 1	0♊55	22°44	7° 3	24° 2	14° 5	2°30	7°36	15°23	14° 7	6°10	n.a.	T 16
W17	13 2 21	16°46'15	7♍11	29♈53	1°50	22°48	7° 6	23°59	14° 7	2°28	7°36	15°21	14° 4	6°17	n.a.	W17
T 18	13 6 17	17°43'39	21°34	29°41	2°45	22°52	7°10	23°56	14° 9	2°27	7°37	15°17	14° 1	6°23	n.a.	T 18
F 19	13 10 14	18°41'03	5♎53	29°24	3°39	22°57	7°13	23°53	14°11	2°26	7°37	15°10	13°57	6°30	n.a.	F 19
S 20	13 14 10	19°38'25	20° 0	29° 4	4°33	23° 3	7°16	23°50	14°13	2°25	7°38	15° 1	13°54	6°37	n.a.	S 20
S 21	13 18 7	20°35'46	3♏52	28°40	5°26	23° 9	7°19	23°46	14°15	2°24	7°39	14°51	13°51	6°43	n.a.	S 21
M22	13 22 4	21°33'06	17°24	28°14	6°18	23°16	7°22	23°43	14°16	2°23	7°39	14°40	13°48	6°50	n.a.	M22
T 23	13 26 0	22°30'25	0♐34	27°45	7° 9	23°24	7°24	23°40	14°18	2°23	7°40	14°30	13°45	6°57	n.a.	T 23
W24	13 29 57	23°27'43	13°23	27°14	8° 0	23°33	7°27	23°36	14°20	2°22	7°41	14°22	13°41	7° 3	n.a.	W24
T 25	13 33 53	24°25'01	25°51	26°41	8°51	23°42	7°29	23°33	14°21	2°21	7°41	14°17	13°38	7°10	n.a.	T 25
F 26	13 37 50	25°22'18	8♑ 1	26° 8	9°40	23°52	7°31	23°29	14°23	2°20	7°42	14°13	13°35	7°16	n.a.	F 26
S 27	13 41 46	26°19'34	20° 0	25°34	10°29	24° 2	7°33	23°26	14°25	2°19	7°43	14°12	13°32	7°23	n.a.	S 27
S 28	13 45 43	27°16'50	1♒50	25° 1	11°17	24°13	7°34	23°22	14°26	2°18	7°44	14°D12	13°29	7°30	n.a.	S 28
M29	13 49 40	28°14'05	13°38	24°28	12° 4	24°25	7°36	23°18	14°28	2°18	7°44	14°R12	13°26	7°36	n.a.	M29
T 30	13 53 36	29♈11'19	25♒30	23♈57	12♊51	24♌37	7♑37	23♏15	14♒29	2♍17	7♋45	14♌12	13♌22	7♒43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n34	18s14	0n58	11n28	2n46	19n48	2n58	16n40	2n55	24s 3	0s22	17s36	1n40	17s43	0s44	12n14	1n43	32n15	8n40	16n11	16n37	18s32		n.a.
T 2	0 57	15 57	0s 6	11 54	2 48	20 8	3 1	16 40	2 52	24 3	0 22	17 36	1 40	17 43	0 44	12 15	1 43	32 15	8 40	16 11	16 38	18 31		n.a.
W 3	1 21	12 58	1 10	12 16	2 49	20 29	3 4	16 40	2 49	24 3	0 22	17 35	1 40	17 42	0 44	12 15	1 43	32 15	8 40	16 11	16 39	18 30		n.a.
T 4	1 44	9 24	2 12	12 36	2 48	20 48	3 6	16 39	2 46	24 3	0 23	17 35	1 40	17 41	0 44	12 16	1 43	32 15	8 40	16 12	16 40	18 30		n.a.
F 5	2 7	5 23	3 8	12 54	2 47	21 7	3 9	16 38	2 43	24 3	0 23	17 34	1 40	17 40	0 44	12 16	1 43	32 14	8 40	16 14	16 41	18 29		n.a.
S 6	2 30	1 4	3 56	13 8	2 45	21 26	3 11	16 37	2 40	24 3	0 23	17 34	1 40	17 40	0 44	12 17	1 43	32 14	8 39	16 16	16 42	18 28		n.a.
S 7	2 54	3n22	4 34	13 20	2 42	21 44	3 13	16 36	2 37	24 3	0 23	17 33	1 40	17 39	0 44	12 17	1 43	32 14	8 39	16 18	16 43	18 27		n.a.
M 8	3 17	7 43	4 58	13 29	2 38	22 2	3 15	16 34	2 34	24 3	0 23	17 32	1 41	17 38	0 44	12 18	1 43	32 14	8 39	16 21	16 44	18 26		n.a.
T 9	3 40	11 48	5 6	13 35	2 33	22 19	3 17	16 32	2 31	24 3	0 24	17 32	1 41	17 38	0 44	12 18	1 43	32 14	8 39	16 24	16 45	18 26		n.a.
W10	4 3	15 20	4 58	13 38	2 26	22 35	3 19	16 30	2 28	24 3	0 24	17 31	1 41	17 37	0 44	12 18	1 43	32 13	8 39	16 26	16 45	18 25		n.a.
T 11	4 26	18 7	4 33	13 39	2 19	22 51	3 21	16 28	2 25	24 3	0 24	17 30	1 41	17 37	0 44	12 19	1 43	32 13	8 39	16 28	16 46	18 24		n.a.
F 12	4 48	19 53	3 53	13 37	2 11	23 7	3 23	16 25	2 22	24 3	0 24	17 30	1 41	17 36	0 44	12 19	1 43	32 13	8 38	16 29	16 47	18 23		n.a.
S 13	5 11	20 29	2 57	13 31	2 1	23 22	3 24	16 22	2 19	24 2	0 24	17 29	1 41	17 35	0 44	12 20	1 43	32 13	8 38	16 29	16 48	18 22		n.a.
S 14	5 34	19 47	1 51	13 24	1 51	23 36	3 26	16 19	2 16	24 2	0 25	17 28	1 41	17 35	0 44	12 20	1 43	32 13	8 38	16 29	16 49	18 22		n.a.
M15	5 57	17 50	0 37	13 13	1 39	23 50	3 27	16 15	2 13	24 2	0 25	17 28	1 41	17 34	0 44	12 20	1 43	32 12	8 38	16 29	16 50	18 21		n.a.
T 16	6 19	14 45	0n40	13 0	1 27	24 3	3 28	16 12	2 10	24 2	0 25	17 27	1 41	17 34	0 44	12 21	1 43	32 12	8 38	16 29	16 51	18 20		n.a.
W17	6 41	10 46	1 54	12 45	1 14	24 16	3 29	16 8	2 7	24 3	0 25	17 26	1 41	17 33	0 44	12 21	1 43	32 12	8 37	16 29	16 52	18 19		n.a.
T 18	7 4	6 9	3 1	12 27	0 59	24 28	3 30	16 4	2 4	24 3	0 26	17 25	1 41	17 33	0 44	12 21	1 43	32 12	8 37	16 30	16 53	18 18		n.a.
F 19	7 26	1 14	3 56	12 7	0 44	24 39	3 31	15 59	2 1	24 3	0 26	17 24	1 41	17 32	0 44	12 22	1 43	32 12	8 37	16 32	16 54	18 18		n.a.
S 20	7 48	3s42	4 35	11 45	0 29	24 50	3 31	15 55	1 58	24 3	0 26	17 24	1 41	17 32	0 44	12 22	1 43	32 11	8 37	16 35	16 55	18 17		n.a.
S 21	8 10	8 20	4 58	11 22	0 13	25 1	3 31	15 50	1 56	24 3	0 26	17 23	1 41	17 31	0 44	12 22	1 43	32 11	8 37	16 38	16 56	18 16		n.a.
M22	8 32	12 27	5 3	10 57	0s 4	25 10	3 32	15 45	1 53	24 3	0 26	17 22	1 41	17 31	0 44	12 23	1 43	32 11	8 37	16 41	16 57	18 15		n.a.
T 23	8 54	15 50	4 52	10 30	0 21	25 19	3 32	15 40	1 50	24 3	0 27	17 21	1 41	17 30	0 44	12 23	1 43	32 11	8 37	16 44	16 58	18 14		n.a.
W24	9 15	18 22	4 26	10 3	0 38	25 28	3 32	15 34	1 47	24 3	0 27	17 20	1 41	17 30	0 44	12 23	1 43	32 11	8 36	16 47	16 59	18 13		n.a.
T 25	9 37	19 57	3 48	9 35	0 55	25 36	3 31	15 29	1 45	24 3	0 27	17 19	1 41	17 29	0 44	12 24	1 43	32 10	8 36	16 48	16 59	18 13		n.a.
F 26	9 58	20 34	3 0	9 7	1 12	25 43	3 31	15 23	1 42	24 3	0 27	17 18	1 41	17 29	0 44	12 24	1 43	32 10	8 36	16 49	17 0	18 12		n.a.
S 27	10 19	20 14	2 5	8 40	1 29	25 50	3 30	15 17	1 39	24 3	0 28	17 17	1 41	17 28	0 44	12 24	1 43	32 10	8 36	16 50	17 1	18 11		n.a.
S 28	10 40	19 0	1 5	8 12	1 45	25 56	3 29	15 10	1 37	24 3	0 28	17 16	1 41	17 28	0 44	12 24	1 43	32 10	8 36	16 50	17 2	18 10		n.a.
M29	11 1	16 57	0 3	7 46	2 0	26 2	3 28	15 4	1 34	24 4	0 28	17 16	1 41	17 27	0 44	12 25	1 43	32 10	8 36	16 50	17 3	18 9		n.a.
T 30	11n21	14s 9	1s 0	7n20	2s15	26n 7	3n27	14n57	1n32	24s 4	0s28	17s15	1n41	17s27	0s45	12n25	1n42	32n 9	8n35	16n50	17n 4	18s 8		n.a.

Julian Day Number = 1350054.5, Delta T = 07h08m07s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'44, Lahiri = -17°59'43 Julian Calendar 1 Apr. 1017 BCE == Greg. Calendar 22 March 1017 BCE

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

MAY 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 57 33	0♉ 8'33	7♓29	23°R28	13♊37	24♌50	7♑38	23°R11	14♒30	2°R16	7♋46	14°R 9	13♌19	7♒50	n.a.	W 1
T 2	14 1 29	1° 5'46	19°42	23♈ 1	14°21	25° 4	7°39	23♏ 7	14°32	2♍15	7°47	14♌ 5	13°16	7°56	n.a.	T 2
F 3	14 5 26	2° 2'59	2♈10	22°37	15° 5	25°18	7°39	23° 3	14°33	2°15	7°48	13°58	13°13	8° 3	n.a.	F 3
S 4	14 9 22	3° 0'11	14°56	22°16	15°48	25°33	7°40	22°59	14°34	2°14	7°49	13°48	13°10	8°10	n.a.	S 4
S 5	14 13 19	3°57'22	28° 1	21°59	16°30	25°48	7°40	22°55	14°35	2°14	7°50	13°37	13° 6	8°16	n.a.	S 5
M 6	14 17 15	4°54'33	11♉24	21°45	17°11	26° 4	7°R40	22°51	14°37	2°13	7°51	13°25	13° 3	8°23	n.a.	M 6
T 7	14 21 12	5°51'44	25° 2	21°36	17°51	26°20	7°40	22°47	14°38	2°12	7°52	13°13	13° 0	8°30	n.a.	T 7
W 8	14 25 9	6°48'54	8♊53	21°31	18°30	26°37	7°40	22°43	14°39	2°12	7°53	13° 3	12°57	8°36	n.a.	W 8
T 9	14 29 5	7°46'03	22°52	21°D30	19° 8	26°55	7°39	22°39	14°40	2°11	7°54	12°55	12°54	8°43	n.a.	T 9
F 10	14 33 2	8°43'11	6♋56	21°34	19°44	27°13	7°39	22°34	14°41	2°11	7°55	12°50	12°51	8°49	n.a.	F 10
S 11	14 36 58	9°40'19	21° 3	21°43	20°19	27°31	7°38	22°30	14°42	2°11	7°56	12°48	12°47	8°56	n.a.	S 11
S 12	14 40 55	10°37'26	5♌11	21°56	20°53	27°50	7°37	22°26	14°43	2°10	7°57	12°47	12°44	9° 3	n.a.	S 12
M13	14 44 51	11°34'32	19°19	22°14	21°26	28°10	7°36	22°22	14°43	2°10	7°58	12°47	12°41	9° 9	n.a.	M13
T 14	14 48 48	12°31'38	3♍25	22°36	21°57	28°29	7°34	22°17	14°44	2°10	7°59	12°46	12°38	9°16	n.a.	T 14
W15	14 52 44	13°28'43	17°28	23° 3	22°27	28°50	7°32	22°13	14°45	2° 9	8° 1	12°44	12°35	9°23	n.a.	W15
T 16	14 56 41	14°25'47	1♎28	23°35	22°55	29°11	7°31	22° 9	14°46	2° 9	8° 2	12°39	12°32	9°29	n.a.	T 16
F 17	15 0 38	15°22'51	15°21	24°10	23°22	29°32	7°29	22° 5	14°46	2° 9	8° 3	12°31	12°28	9°36	n.a.	F 17
S 18	15 4 34	16°19'55	29° 4	24°51	23°47	29°54	7°26	22° 0	14°47	2° 9	8° 4	12°20	12°25	9°43	n.a.	S 18
S 19	15 8 31	17°16'58	12♏34	25°35	24°11	0♍16	7°24	21°56	14°48	2° 8	8° 6	12° 9	12°22	9°49	n.a.	S 19
M20	15 12 27	18°14'01	25°49	26°24	24°33	0°38	7°22	21°51	14°48	2° 8	8° 7	11°56	12°19	9°56	n.a.	M20
T 21	15 16 24	19°11'04	8♐47	27°18	24°53	1° 1	7°19	21°47	14°48	2° 8	8° 8	11°45	12°16	10° 3	n.a.	T 21
W22	15 20 20	20° 8'07	21°27	28°15	25°11	1°25	7°16	21°43	14°49	2° 8	8°10	11°35	12°12	10° 9	n.a.	W22
T 23	15 24 17	21° 5'10	3♑49	29°16	25°27	1°48	7°13	21°38	14°49	2° 8	8°11	11°28	12° 9	10°16	n.a.	T 23
F 24	15 28 13	22° 2'14	15°57	0♉22	25°41	2°12	7° 9	21°34	14°50	2°D 8	8°12	11°23	12° 6	10°23	n.a.	F 24
S 25	15 32 10	22°59'17	27°54	1°32	25°54	2°37	7° 6	21°29	14°50	2° 8	8°14	11°21	12° 3	10°29	n.a.	S 25
S 26	15 36 7	23°56'21	9♒44	2°45	26° 4	3° 2	7° 2	21°25	14°50	2° 8	8°15	11°D20	12° 0	10°36	n.a.	S 26
M27	15 40 3	24°53'25	21°33	4° 2	26°12	3°27	6°59	21°21	14°50	2° 8	8°17	11°R20	11°57	10°42	n.a.	M27
T 28	15 44 0	25°50'30	3♓25	5°23	26°18	3°53	6°55	21°16	14°50	2° 8	8°18	11°20	11°53	10°49	n.a.	T 28
W29	15 47 56	26°47'35	15°26	6°48	26°22	4°19	6°50	21°12	14°50	2° 9	8°19	11°19	11°50	10°56	n.a.	W29
T 30	15 51 53	27°44'40	27°42	8°17	26°R23	4°45	6°46	21° 8	14°R50	2° 9	8°21	11°15	11°47	11° 2	n.a.	T 30
F 31	15 55 49	28♉41'46	10♈15	9♉49	26♊22	5♍12	6♑42	21♏ 3	14♒50	2♍ 9	8♋22	11♌10	11♌44	11♒ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11n42	10s45	2s 0	6n57	2s29	26n12	3n26	14n51	1n29	24s 4	0s28	17s14	1n41	17s27	0s45	12n25	1n42	32n 9	8n35	16n50	17n 5	18s 7			n.a.
T 2	12 2	6 50	2 57	6 35	2 42	26 15	3 24	14 44	1 27	24 4	0 29	17 13	1 41	17 26	0 45	12 25	1 42	32 9	8 35	16 52	17 6	18 6			n.a.
F 3	12 22	2 34	3 45	6 14	2 54	26 19	3 22	14 36	1 24	24 4	0 29	17 12	1 41	17 26	0 45	12 26	1 42	32 9	8 35	16 54	17 7	18 6			n.a.
S 4	12 42	1n55	4 24	5 57	3 5	26 21	3 20	14 29	1 22	24 4	0 29	17 11	1 41	17 26	0 45	12 26	1 42	32 9	8 35	16 57	17 8	18 5			n.a.
S 5	13 2	6 26	4 50	5 41	3 15	26 24	3 18	14 22	1 19	24 5	0 29	17 10	1 41	17 25	0 45	12 26	1 42	32 8	8 35	17 0	17 9	18 4			n.a.
M 6	13 22	10 43	5 1	5 28	3 23	26 25	3 15	14 14	1 17	24 5	0 30	17 9	1 41	17 25	0 45	12 26	1 42	32 8	8 35	17 3	17 10	18 3			n.a.
T 7	13 41	14 34	4 55	5 18	3 31	26 26	3 12	14 6	1 15	24 5	0 30	17 8	1 41	17 25	0 45	12 26	1 42	32 8	8 34	17 7	17 11	18 2			n.a.
W 8	14 0	17 40	4 31	5 10	3 37	26 27	3 9	13 58	1 12	24 5	0 30	17 7	1 41	17 24	0 45	12 26	1 42	32 8	8 34	17 10	17 11	18 1			n.a.
T 9	14 19	19 46	3 52	5 6	3 42	26 27	3 6	13 50	1 10	24 6	0 30	17 5	1 41	17 24	0 45	12 27	1 42	32 8	8 34	17 12	17 12	18 0			n.a.
F 10	14 38	20 41	2 57	5 4	3 45	26 26	3 2	13 41	1 8	24 6	0 31	17 4	1 41	17 24	0 45	12 27	1 42	32 7	8 34	17 13	17 13	17 59			n.a.
S 11	14 56	20 17	1 52	5 4	3 48	26 25	2 58	13 33	1 5	24 6	0 31	17 3	1 41	17 24	0 45	12 27	1 42	32 7	8 34	17 14	17 14	17 58			n.a.
S 12	15 15	18 37	0 40	5 8	3 49	26 23	2 54	13 24	1 3	24 6	0 31	17 2	1 41	17 23	0 45	12 27	1 42	32 7	8 34	17 14	17 15	17 57			n.a.
M13	15 33	15 48	0n34	5 14	3 50	26 21	2 49	13 15	1 1	24 7	0 31	17 1	1 41	17 23	0 45	12 27	1 42	32 7	8 34	17 14	17 16	17 56			n.a.
T 14	15 50	12 4	1 47	5 23	3 49	26 18	2 45	13 6	0 59	24 7	0 31	17 0	1 41	17 23	0 45	12 27	1 42	32 7	8 33	17 14	17 17	17 55			n.a.
W15	16 8	7 40	2 52	5 35	3 47	26 15	2 40	12 57	0 56	24 7	0 32	16 59	1 41	17 23	0 45	12 27	1 42	32 6	8 33	17 15	17 18	17 55			n.a.
T 16	16 25	2 52	3 47	5 49	3 45	26 11	2 34	12 47	0 54	24 8	0 32	16 58	1 41	17 23	0 45	12 27	1 42	32 6	8 33	17 17	17 19	17 54			n.a.
F 17	16 42	2s 1	4 28	6 6	3 41	26 7	2 28	12 38	0 52	24 8	0 32	16 57	1 41	17 23	0 45	12 27	1 42	32 6	8 33	17 19	17 20	17 53			n.a.
S 18	16 59	6 45	4 53	6 25	3 37	26 2	2 22	12 28	0 50	24 8	0 32	16 56	1 41	17 22	0 45	12 27	1 42	32 6	8 33	17 22	17 21	17 52			n.a.
S 19	17 15	11 5	5 1	6 46	3 31	25 57	2 16	12 18	0 48	24 9	0 33	16 55	1 41	17 22	0 45	12 27	1 42	32 6	8 33	17 25	17 21	17 51			n.a.
M20	17 32	14 47	4 52	7 10	3 25	25 51	2 9	12 8	0 46	24 9	0 33	16 54	1 41	17 22	0 45	12 27	1 42	32 5	8 33	17 29	17 22	17 50			n.a.
T 21	17 48	17 42	4 28	7 35	3 19	25 45	2 2	11 58	0 44	24 10	0 33	16 53	1 41	17 22	0 45	12 27	1 42	32 5	8 33	17 32	17 23	17 49			n.a.
W22	18 3	19 41	3 52	8 3	3 11	25 38	1 54	11 48	0 42	24 10	0 33	16 52	1 41	17 22	0 45	12 27	1 41	32 5	8 33	17 35	17 24	17 48			n.a.
T 23	18 19	20 41	3 5	8 32	3 3	25 31	1 46	11 37	0 40	24 10	0 34	16 50	1 41	17 22	0 45	12 27	1 41	32 5	8 32	17 37	17 25	17 47			n.a.
F 24	18 34	20 41	2 10	9 4	2 54	25 23	1 38	11 27	0 38	24 11	0 34	16 49	1 40	17 22	0 45	12 27	1 41	32 5	8 32	17 38	17 26	17 46			n.a.
S 25	18 49	19 45	1 11	9 37	2 45	25 15	1 30	11 16	0 36	24 11	0 34	16 48	1 40	17 22	0 45	12 27	1 41	32 4	8 32	17 39	17 27	17 45			n.a.
S 26	19 3	17 57	0 9	10 11	2 35	25 6	1 21	11 5	0 34	24 12	0 34	16 47	1 40	17 22	0 46	12 27	1 41	32 4	8 32	17 39	17 28	17 44			n.a.
M27	19 17	15 24	0s54	10 47	2 25	24 57	1 11	10 54	0 32	24 12	0 35	16 46	1 40	17 22	0 46	12 27	1 41	32 4	8 32	17 39	17 29	17 43			n.a.
T 28	19 31	12 11	1 55	11 25	2 14	24 47	1 1	10 43	0 31	24 13	0 35	16 45	1 40	17 22	0 46	12 27	1 41	32 4	8 32	17 39	17 30	17 42			n.a.
W29	19 45	8 27	2 51	12 4	2 3	24 37	0 51	10 32	0 29	24 13	0 35	16 44	1 40	17 22	0 46	12 27	1 41	32 4	8 32	17 39	17 30	17 41			n.a.
T 30	19 58	4 17	3 40	12 43	1 52	24 26	0 40	10 20	0 27	24 14	0 35	16 43	1 40	17 22	0 46	12 27	1 41	32 3	8 32	17 40	17 31	17 40			n.a.
F 31	20n11	0n 9	4s20	13n24	1s40	24n15	0n29	10n 9	0n25	24s14	0s35	16s42	1n40	17s22	0s46	12n26	1n41	32n 3	8n32	17n42	17n32	17s39			n.a.

Julian Day Number = 1350084.5, Delta T = 07h08m06s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'40, Lahiri = -17°59'39 Julian Calendar 1 May 1017 BCE == Greg. Calendar 21 Apr. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

JUNE 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 59 46	29♉38'52	23♈11	11♉25	26°R19	5♍39	6°R37	20°R59	14°R50	2♍ 9	8♋24	11°R 1	11♌41	11♒16	n.a.	S 1
S 2	16 3 43	0♊35'59	6♉29	13° 5	26♊14	6° 6	6♏32	20♏55	14♒50	2°10	8°25	10♌51	11°38	11°22	n.a.	S 2
M 3	16 7 39	1°33'06	20°10	14°47	26° 6	6°34	6°27	20°50	14°50	2°10	8°27	10°41	11°34	11°29	n.a.	M 3
T 4	16 11 36	2°30'14	4♊10	16°33	25°56	7° 2	6°22	20°46	14°50	2°10	8°29	10°30	11°31	11°36	n.a.	T 4
W 5	16 15 32	3°27'22	18°25	18°23	25°43	7°30	6°17	20°42	14°50	2°11	8°30	10°21	11°28	11°42	n.a.	W 5
T 6	16 19 29	4°24'31	2♋49	20°15	25°28	7°58	6°11	20°38	14°49	2°11	8°32	10°14	11°25	11°49	n.a.	T 6
F 7	16 23 25	5°21'40	17°17	22°10	25°11	8°27	6° 6	20°33	14°49	2°11	8°33	10°10	11°22	11°56	n.a.	F 7
S 8	16 27 22	6°18'49	1♌43	24° 7	24°52	8°56	6° 0	20°29	14°48	2°12	8°35	10° 8	11°18	12° 2	n.a.	S 8
S 9	16 31 18	7°15'58	16° 3	26° 7	24°30	9°26	5°54	20°25	14°48	2°12	8°37	10°D 8	11°15	12° 9	n.a.	S 9
M10	16 35 15	8°13'08	0♍16	28° 8	24° 6	9°56	5°48	20°21	14°47	2°13	8°38	10° 8	11°12	12°16	n.a.	M10
T 11	16 39 12	9°10'18	14°19	0♎12	23°40	10°26	5°42	20°17	14°47	2°14	8°40	10°R 8	11° 9	12°22	n.a.	T 11
W12	16 43 8	10° 7'28	28°11	2°17	23°12	10°56	5°36	20°13	14°46	2°14	8°42	10° 7	11° 6	12°29	n.a.	W12
T 13	16 47 5	11° 4'38	11♎54	4°23	22°43	11°27	5°29	20° 9	14°46	2°15	8°43	10° 3	11° 3	12°35	n.a.	T 13
F 14	16 51 1	12° 1'49	25°25	6°29	22°11	11°58	5°23	20° 5	14°45	2°15	8°45	9°57	10°59	12°42	n.a.	F 14
S 15	16 54 58	12°59'01	8♏44	8°36	21°39	12°29	5°16	20° 1	14°44	2°16	8°47	9°50	10°56	12°49	n.a.	S 15
S 16	16 58 54	13°56'13	21°51	10°44	21° 5	13° 0	5°10	19°57	14°43	2°17	8°48	9°40	10°53	12°55	n.a.	S 16
M17	17 2 51	14°53'26	4♐45	12°51	20°29	13°32	5° 3	19°54	14°43	2°18	8°50	9°31	10°50	13° 2	n.a.	M17
T 18	17 6 47	15°50'39	17°25	14°58	19°53	14° 4	4°56	19°50	14°42	2°18	8°52	9°22	10°47	13° 9	n.a.	T 18
W19	17 10 44	16°47'54	29°51	17° 4	19°17	14°36	4°49	19°46	14°41	2°19	8°54	9°14	10°43	13°15	n.a.	W19
T 20	17 14 41	17°45'09	12♑ 4	19°10	18°40	15° 8	4°42	19°43	14°40	2°20	8°55	9° 9	10°40	13°22	n.a.	T 20
F 21	17 18 37	18°42'26	24° 6	21°15	18° 2	15°41	4°35	19°39	14°39	2°21	8°57	9° 5	10°37	13°29	n.a.	F 21
S 22	17 22 34	19°39'43	6♒ 0	23°18	17°25	16°13	4°27	19°36	14°38	2°22	8°59	9°D 4	10°34	13°35	n.a.	S 22
S 23	17 26 30	20°37'02	17°48	25°21	16°48	16°46	4°20	19°32	14°37	2°23	9° 1	9° 4	10°31	13°42	n.a.	S 23
M24	17 30 27	21°34'22	29°36	27°22	16°12	17°20	4°13	19°29	14°36	2°24	9° 3	9° 6	10°28	13°49	n.a.	M24
T 25	17 34 23	22°31'43	11♓27	29°22	15°37	17°53	4° 5	19°25	14°34	2°25	9° 4	9° 7	10°24	13°55	n.a.	T 25
W26	17 38 20	23°29'06	23°28	1♋20	15° 2	18°27	3°58	19°22	14°33	2°26	9° 6	9°R 8	10°21	14° 2	n.a.	W26
T 27	17 42 17	24°26'29	5♈43	3°17	14°29	19° 1	3°50	19°19	14°32	2°27	9° 8	9° 7	10°18	14° 8	n.a.	T 27
F 28	17 46 13	25°23'55	18°18	5°12	13°57	19°35	3°42	19°16	14°31	2°28	9°10	9° 4	10°15	14°15	n.a.	F 28
S 29	17 50 10	26°21'21	1♉15	7° 6	13°26	20° 9	3°35	19°13	14°29	2°29	9°12	9° 0	10°12	14°22	n.a.	S 29
S 30	17 54 6	27♊18'50	14♉38	8♋58	12♊58	20♍44	3♏27	19♏10	14♒28	2♍30	9♋14	8♌55	10♌ 9	14♒28	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n23	4n41	4s48	14n 6	1s28	24n 4	0n18	9n57	0n23	24s14	0s36	16s41	1n40	17s22	0s46	12n26	1n41	32n 3	8n32	17n44	17n33	17s38		n.a.
S 2	20 36	9 9	5 2	14 48	1 16	23 52	0 6	9 45	0 22	24 15	0 36	16 40	1 40	17 22	0 46	12 26	1 41	32 3	8 32	17 47	17 34	17 37		n.a.
M 3	20 48	13 16	4 59	15 30	1 4	23 40	0s 6	9 33	0 20	24 15	0 36	16 39	1 40	17 22	0 46	12 26	1 41	32 3	8 31	17 50	17 35	17 36		n.a.
T 4	20 59	16 46	4 38	16 13	0 52	23 27	0 18	9 21	0 18	24 16	0 36	16 38	1 39	17 22	0 46	12 26	1 41	32 3	8 31	17 53	17 36	17 35		n.a.
W 5	21 10	19 20	3 59	16 56	0 40	23 14	0 31	9 9	0 16	24 16	0 37	16 37	1 39	17 22	0 46	12 26	1 41	32 2	8 31	17 55	17 37	17 34		n.a.
T 6	21 21	20 42	3 5	17 38	0 28	23 0	0 44	8 56	0 15	24 17	0 37	16 36	1 39	17 22	0 46	12 25	1 41	32 2	8 31	17 57	17 38	17 33		n.a.
F 7	21 32	20 43	1 59	18 20	0 16	22 46	0 57	8 44	0 13	24 17	0 37	16 35	1 39	17 23	0 46	12 25	1 41	32 2	8 31	17 58	17 39	17 32		n.a.
S 8	21 42	19 22	0 45	19 2	0 4	22 32	1 11	8 31	0 11	24 18	0 37	16 34	1 39	17 23	0 46	12 25	1 41	32 2	8 31	17 59	17 39	17 31		n.a.
S 9	21 52	16 47	0n32	19 42	0n 7	22 17	1 25	8 18	0 10	24 18	0 38	16 33	1 39	17 23	0 46	12 25	1 41	32 2	8 31	17 59	17 40	17 30		n.a.
M10	22 1	13 12	1 46	20 21	0 18	22 2	1 38	8 6	0 8	24 19	0 38	16 32	1 39	17 23	0 46	12 25	1 41	32 2	8 31	17 59	17 41	17 29		n.a.
T 11	22 10	8 55	2 52	20 59	0 29	21 47	1 53	7 53	0 7	24 19	0 38	16 31	1 39	17 23	0 46	12 24	1 41	32 1	8 31	17 59	17 42	17 28		n.a.
W12	22 19	4 12	3 48	21 35	0 39	21 32	2 7	7 39	0 5	24 20	0 38	16 30	1 38	17 24	0 46	12 24	1 40	32 1	8 31	17 59	17 43	17 27		n.a.
T 13	22 27	0s39	4 30	22 8	0 48	21 16	2 21	7 26	0 4	24 20	0 38	16 29	1 38	17 24	0 46	12 24	1 40	32 1	8 31	18 0	17 44	17 26		n.a.
F 14	22 35	5 24	4 56	22 40	0 57	21 0	2 35	7 13	0 2	24 21	0 39	16 28	1 38	17 24	0 46	12 23	1 40	32 1	8 31	18 2	17 45	17 25		n.a.
S 15	22 43	9 49	5 5	23 10	1 5	20 44	2 49	6 59	0 1	24 21	0 39	16 27	1 38	17 24	0 46	12 23	1 40	32 1	8 31	18 4	17 46	17 23		n.a.
S 16	22 50	13 43	4 59	23 37	1 13	20 28	3 3	6 46	0s 1	24 22	0 39	16 26	1 38	17 25	0 46	12 23	1 40	32 1	8 31	18 6	17 46	17 22		n.a.
M17	22 57	16 53	4 37	24 1	1 20	20 12	3 17	6 32	0 2	24 22	0 39	16 25	1 38	17 25	0 46	12 23	1 40	32 0	8 31	18 9	17 47	17 21		n.a.
T 18	23 3	19 12	4 1	24 23	1 26	19 55	3 31	6 18	0 4	24 23	0 39	16 24	1 38	17 25	0 46	12 22	1 40	32 0	8 31	18 11	17 48	17 20		n.a.
W19	23 9	20 34	3 15	24 42	1 32	19 39	3 44	6 5	0 5	24 23	0 40	16 24	1 37	17 25	0 46	12 22	1 40	32 0	8 31	18 13	17 49	17 19		n.a.
T 20	23 14	20 56	2 20	24 58	1 36	19 23	3 57	5 51	0 7	24 24	0 40	16 23	1 37	17 26	0 46	12 21	1 40	32 0	8 31	18 15	17 50	17 18		n.a.
F 21	23 20	20 19	1 20	25 11	1 40	19 8	4 9	5 36	0 8	24 24	0 40	16 22	1 37	17 26	0 47	12 21	1 40	32 0	8 31	18 16	17 51	17 17		n.a.
S 22	23 24	18 48	0 17	25 22	1 44	18 52	4 21	5 22	0 10	24 24	0 40	16 21	1 37	17 26	0 47	12 21	1 40	32 0	8 31	18 16	17 52	17 16		n.a.
S 23	23 29	16 29	0s47	25 30	1 46	18 37	4 33	5 8	0 11	24 25	0 40	16 20	1 37	17 27	0 47	12 20	1 40	32 0	8 31	18 16	17 53	17 15		n.a.
M24	23 32	13 29	1 49	25 35	1 48	18 23	4 44	4 54	0 12	24 25	0 41	16 20	1 37	17 27	0 47	12 20	1 40	31 59	8 31	18 16	17 53	17 14		n.a.
T 25	23 36	9 56	2 46	25 38	1 49	18 9	4 54	4 39	0 14	24 26	0 41	16 19	1 36	17 28	0 47	12 20	1 40	31 59	8 31	18 15	17 54	17 13		n.a.
W26	23 39	5 57	3 37	25 39	1 50	17 55	5 4	4 25	0 15	24 26	0 41	16 18	1 36	17 28	0 47	12 19	1 40	31 59	8 31	18 15	17 55	17 12		n.a.
T 27	23 42	1 39	4 19	25 36	1 50	17 43	5 13	4 10	0 16	24 27	0 41	16 17	1 36	17 28	0 47	12 19	1 40	31 59	8 31	18 15	17 56	17 10		n.a.
F 28	23 44	2n49	4 50	25 32	1 50	17 30	5 22	3 55	0 18	24 27	0 41	16 17	1 36	17 29	0 47	12 18	1 40	31 59	8 31	18 16	17 57	17 9		n.a.
S 29	23 46	7 18	5 7	25 25	1 48	17 19	5 30	3 40	0 19	24 27	0 42	16 16	1 36	17 29	0 47	12 18	1 40	31 59	8 31	18 17	17 58	17 8		n.a.
S 30	23n47	11n34	5s 9	25n17	1n47	17n 8	5s37	3n25	0s20	24s28	0s42	16s15	1n36	17s30	0s47	12n17	1n40	31n59	8n31	18n19	17n59	17s 7		n.a.

Julian Day Number = 1350115.5, Delta T = 07h08m04s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'35, Lahiri = -17°59'35 Julian Calendar 1 June 1017 BCE == Greg. Calendar 22 May 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

JULY 1017 BCE (-1016) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 58 3	28♊16'19	28♉27	10♋49	12°R31	21♍19	3°R19	19°R 7	14°R27	2♍31	9♋15	8°R49	10♌ 5	14♒35	n.a.	M 1
T 2	18 1 59	29°13'50	12♊39	12°38	12♊ 6	21°54	3♏11	19♏ 4	14♒25	2°33	9°17	8♌42	10° 2	14°42	n.a.	T 2
W 3	18 5 56	0♋11'23	27°12	14°26	11°44	22°29	3° 4	19° 1	14°24	2°34	9°19	8°37	9°59	14°48	n.a.	W 3
T 4	18 9 52	1° 8'57	11♋57	16°12	11°23	23° 4	2°56	18°59	14°22	2°35	9°21	8°33	9°56	14°55	n.a.	T 4
F 5	18 13 49	2° 6'32	26°48	17°56	11° 5	23°40	2°48	18°56	14°21	2°36	9°23	8°31	9°53	15° 2	n.a.	F 5
S 6	18 17 46	3° 4'08	11♌37	19°40	10°49	24°15	2°40	18°53	14°19	2°38	9°25	8°D31	9°49	15° 8	n.a.	S 6
S 7	18 21 42	4° 1'46	26°18	21°21	10°36	24°51	2°32	18°51	14°17	2°39	9°27	8°31	9°46	15°15	n.a.	S 7
M 8	18 25 39	4°59'24	10♍45	23° 1	10°24	25°27	2°24	18°49	14°16	2°40	9°28	8°33	9°43	15°22	n.a.	M 8
T 9	18 29 35	5°57'04	24°55	24°40	10°16	26° 4	2°17	18°46	14°14	2°42	9°30	8°34	9°40	15°28	n.a.	T 9
W10	18 33 32	6°54'45	8♎48	26°17	10° 9	26°40	2° 9	18°44	14°12	2°43	9°32	8°R34	9°37	15°35	n.a.	W10
T 11	18 37 28	7°52'27	22°22	27°53	10° 5	27°17	2° 1	18°42	14°10	2°45	9°34	8°33	9°34	15°42	n.a.	T 11
F 12	18 41 25	8°50'10	5♏40	29°27	10°D 3	27°54	1°53	18°40	14° 9	2°46	9°36	8°31	9°30	15°48	n.a.	F 12
S 13	18 45 21	9°47'55	18°42	0♌59	10° 4	28°31	1°46	18°38	14° 7	2°48	9°38	8°28	9°27	15°55	n.a.	S 13
S 14	18 49 18	10°45'41	1♐30	2°31	10° 7	29° 8	1°38	18°36	14° 5	2°49	9°40	8°24	9°24	16° 1	n.a.	S 14
M15	18 53 15	11°43'28	14° 4	4° 0	10°12	29°45	1°30	18°34	14° 3	2°51	9°42	8°19	9°21	16° 8	n.a.	M15
T 16	18 57 11	12°41'17	26°26	5°29	10°19	0♎23	1°23	18°33	14° 1	2°52	9°44	8°15	9°18	16°15	n.a.	T 16
W17	19 1 8	13°39'08	8♑38	6°56	10°29	1° 0	1°15	18°31	13°59	2°54	9°45	8°12	9°15	16°21	n.a.	W17
T 18	19 5 4	14°37'00	20°40	8°21	10°40	1°38	1° 8	18°29	13°57	2°55	9°47	8°10	9°11	16°28	n.a.	T 18
F 19	19 9 1	15°34'54	2♒35	9°44	10°54	2°16	1° 1	18°28	13°55	2°57	9°49	8°D 8	9° 8	16°35	n.a.	F 19
S 20	19 12 57	16°32'49	14°25	11° 7	11°10	2°54	0°53	18°27	13°53	2°59	9°51	8° 9	9° 5	16°41	n.a.	S 20
S 21	19 16 54	17°30'47	26°12	12°27	11°27	3°33	0°46	18°25	13°51	3° 0	9°53	8° 9	9° 2	16°48	n.a.	S 21
M22	19 20 50	18°28'46	8♓ 0	13°46	11°47	4°11	0°39	18°24	13°49	3° 2	9°55	8°11	8°59	16°55	n.a.	M22
T 23	19 24 47	19°26'47	19°52	15° 3	12° 8	4°50	0°32	18°23	13°47	3° 4	9°57	8°12	8°55	17° 1	n.a.	T 23
W24	19 28 44	20°24'51	1♈53	16°18	12°31	5°28	0°25	18°22	13°45	3° 6	9°58	8°14	8°52	17° 8	n.a.	W24
T 25	19 32 40	21°22'56	14° 7	17°32	12°56	6° 7	0°18	18°21	13°43	3° 7	10° 0	8°15	8°49	17°15	n.a.	T 25
F 26	19 36 37	22°21'04	26°39	18°44	13°22	6°46	0°11	18°21	13°40	3° 9	10° 2	8°R15	8°46	17°21	n.a.	F 26
S 27	19 40 33	23°19'13	9♉32	19°53	13°51	7°25	0° 5	18°20	13°38	3°11	10° 4	8°14	8°43	17°28	n.a.	S 27
S 28	19 44 30	24°17'25	22°51	21° 1	14°20	8° 5	29♐58	18°19	13°36	3°13	10° 6	8°13	8°40	17°35	n.a.	S 28
M29	19 48 26	25°15'39	6♊37	22° 7	14°51	8°44	29°52	18°19	13°34	3°15	10° 8	8°11	8°36	17°41	n.a.	M29
T 30	19 52 23	26°13'55	20°49	23°10	15°24	9°24	29°46	18°19	13°31	3°16	10°10	8°10	8°33	17°48	n.a.	T 30
W31	19 56 19	27♋12'14	5♋26	24♌11	15♊58	10♎ 3	29♐40	18♏18	13♒29	3♍18	10♋11	8♌ 8	8♌30	17♒54	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	23n48	15n22	4s52	25n 6	1n44	16n59	5s43	3n10	0s21	24s28	0s42	16s15	1n35	17s30	0s47	12n17	1n40	31n59	8n31	18n20	18n 0	17s 6			n.a.
T 2	23 49	18 24	4 18	24 53	1 42	16 50	5 49	2 55	0 23	24 29	0 42	16 14	1 35	17 31	0 47	12 16	1 40	31 58	8 31	18 22	18 0	17 5			n.a.
W 3	23 49	20 21	3 26	24 39	1 38	16 42	5 54	2 40	0 24	24 29	0 42	16 13	1 35	17 31	0 47	12 16	1 40	31 58	8 31	18 23	18 1	17 4			n.a.
T 4	23 49	20 57	2 20	24 23	1 35	16 34	5 59	2 25	0 25	24 29	0 42	16 13	1 35	17 31	0 47	12 15	1 39	31 58	8 31	18 24	18 2	17 3			n.a.
F 5	23 48	20 5	1 3	24 5	1 31	16 28	6 3	2 9	0 26	24 30	0 43	16 12	1 35	17 32	0 47	12 15	1 39	31 58	8 31	18 25	18 3	17 1			n.a.
S 6	23 47	17 50	0n17	23 46	1 26	16 23	6 6	1 54	0 27	24 30	0 43	16 12	1 35	17 32	0 47	12 14	1 39	31 58	8 31	18 25	18 4	17 0			n.a.
S 7	23 45	14 27	1 36	23 25	1 21	16 18	6 9	1 38	0 29	24 30	0 43	16 11	1 34	17 33	0 47	12 14	1 39	31 58	8 31	18 25	18 5	16 59			n.a.
M 8	23 43	10 13	2 47	23 4	1 16	16 14	6 11	1 23	0 30	24 30	0 43	16 11	1 34	17 33	0 47	12 13	1 39	31 58	8 31	18 25	18 6	16 58			n.a.
T 9	23 41	5 31	3 47	22 41	1 10	16 12	6 13	1 7	0 31	24 31	0 43	16 10	1 34	17 34	0 47	12 13	1 39	31 58	8 31	18 24	18 7	16 57			n.a.
W10	23 38	0 37	4 32	22 16	1 4	16 10	6 14	0 51	0 32	24 31	0 43	16 10	1 34	17 35	0 47	12 12	1 39	31 58	8 31	18 24	18 7	16 56			n.a.
T 11	23 35	4s12	5 1	21 51	0 58	16 8	6 14	0 35	0 33	24 31	0 43	16 10	1 34	17 35	0 47	12 12	1 39	31 58	8 31	18 24	18 8	16 54			n.a.
F 12	23 31	8 42	5 13	21 25	0 51	16 8	6 14	0 20	0 34	24 32	0 44	16 9	1 33	17 36	0 47	12 11	1 39	31 58	8 31	18 25	18 9	16 53			n.a.
S 13	23 27	12 43	5 8	20 58	0 44	16 9	6 14	0 4	0 35	24 32	0 44	16 9	1 33	17 36	0 47	12 11	1 39	31 57	8 31	18 26	18 10	16 52			n.a.
S 14	23 22	16 5	4 48	20 31	0 37	16 10	6 13	0s12	0 36	24 32	0 44	16 9	1 33	17 37	0 47	12 10	1 39	31 57	8 32	18 27	18 11	16 51			n.a.
M15	23 17	18 38	4 15	20 2	0 30	16 12	6 12	0 28	0 38	24 32	0 44	16 8	1 33	17 37	0 47	12 9	1 39	31 57	8 32	18 28	18 12	16 50			n.a.
T 16	23 12	20 16	3 30	19 33	0 22	16 14	6 10	0 45	0 39	24 32	0 44	16 8	1 33	17 38	0 47	12 9	1 39	31 57	8 32	18 29	18 13	16 49			n.a.
W17	23 6	20 57	2 36	19 4	0 14	16 18	6 8	1 1	0 40	24 33	0 44	16 8	1 32	17 39	0 47	12 8	1 39	31 57	8 32	18 30	18 13	16 47			n.a.
T 18	23 0	20 38	1 35	18 34	0 6	16 21	6 6	1 17	0 41	24 33	0 44	16 8	1 32	17 39	0 47	12 7	1 39	31 57	8 32	18 31	18 14	16 46			n.a.
F 19	22 53	19 24	0 31	18 3	0s 2	16 26	6 4	1 33	0 42	24 33	0 44	16 7	1 32	17 40	0 47	12 7	1 39	31 57	8 32	18 31	18 15	16 45			n.a.
S 20	22 46	17 19	0s35	17 32	0 11	16 31	6 1	1 49	0 43	24 33	0 44	16 7	1 32	17 40	0 47	12 6	1 39	31 57	8 32	18 31	18 16	16 44			n.a.
S 21	22 39	14 31	1 38	17 1	0 19	16 36	5 58	2 6	0 44	24 33	0 45	16 7	1 32	17 41	0 47	12 6	1 39	31 57	8 32	18 31	18 17	16 43			n.a.
M22	22 31	11 8	2 38	16 30	0 28	16 42	5 54	2 22	0 45	24 33	0 45	16 7	1 31	17 42	0 47	12 5	1 39	31 57	8 32	18 30	18 18	16 41			n.a.
T 23	22 23	7 18	3 31	15 59	0 37	16 49	5 50	2 39	0 46	24 34	0 45	16 7	1 31	17 42	0 47	12 4	1 39	31 57	8 32	18 30	18 18	16 40			n.a.
W24	22 14	3 8	4 15	15 28	0 46	16 55	5 47	2 55	0 47	24 34	0 45	16 7	1 31	17 43	0 47	12 4	1 39	31 57	8 33	18 30	18 19	16 39			n.a.
T 25	22 5	1n13	4 49	14 56	0 56	17 3	5 43	3 12	0 48	24 34	0 45	16 7	1 31	17 44	0 47	12 3	1 39	31 57	8 33	18 29	18 20	16 38			n.a.
F 26	21 56	5 37	5 10	14 25	1 5	17 10	5 38	3 28	0 48	24 34	0 45	16 7	1 31	17 44	0 47	12 2	1 39	31 57	8 33	18 29	18 21	16 36			n.a.
S 27	21 46	9 53	5 17	13 54	1 14	17 18	5 34	3 45	0 49	24 34	0 45	16 7	1 30	17 45	0 48	12 2	1 39	31 57	8 33	18 29	18 22	16 35			n.a.
S 28	21 36	13 50	5 7	13 24	1 24	17 26	5 29	4 1	0 50	24 34	0 45	16 7	1 30	17 46	0 48	12 1	1 39	31 57	8 33	18 30	18 23	16 34			n.a.
M29	21 25	17 10	4 39	12 53	1 33	17 34	5 24	4 18	0 51	24 34	0 45	16 7	1 30	17 46	0 48	12 0	1 39	31 57	8 33	18 30	18 24	16 33			n.a.
T 30	21 14	19 37	3 53	12 24	1 43	17 42	5 19	4 34	0 52	24 34	0 45	16 7	1 30	17 47	0 48	11 59	1 39	31 57	8 33	18 31	18 24	16 32			n.a.
W31	21n 3	20n50	2s52	11n55	1s52	17n51	5s14	4s51	0s53	24s34	0s45	16s 7	1n29	17s48	0s48	11n59	1n39	31n57	8n33	18n31	18n25	16s30			n.a.

Julian Day Number = 1350145.5, Delta T = 07h08m03s
Ecliptic obliquity = 23°48'52, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'31, Lahiri = -17°59'31 Julian Calendar 1 July 1017 BCE == Greg. Calendar 21 June 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

AUGUST 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 0 16	28♋10'34	20♋21	25♌ 9	16♊33	10♎43	29°R34	18°R18	13°R27	3♍20	10♋13	8°R 8	8♌27	18♒ 1	n.a.	T 1
F 2	20 4 13	29° 8'57	5♌27	26° 4	17° 9	11°23	29♐28	18°D18	13♒25	3°22	10°15	8°D 7	8°24	18° 8	n.a.	F 2
S 3	20 8 9	0♌ 7'21	20°34	26°57	17°47	12° 3	29°22	18♏18	13°22	3°24	10°17	8♌ 7	8°21	18°14	n.a.	S 3
S 4	20 12 6	1° 5'47	5♍35	27°46	18°26	12°44	29°16	18°18	13°20	3°26	10°19	8° 8	8°17	18°21	n.a.	S 4
M 5	20 16 2	2° 4'15	20°20	28°32	19° 6	13°24	29°11	18°18	13°18	3°28	10°20	8° 8	8°14	18°28	n.a.	M 5
T 6	20 19 59	3° 2'45	4♎45	29°15	19°47	14° 5	29° 6	18°19	13°15	3°30	10°22	8° 9	8°11	18°34	n.a.	T 6
W 7	20 23 55	4° 1'16	18°47	29°53	20°29	14°45	29° 0	18°19	13°13	3°32	10°24	8° 9	8° 8	18°41	n.a.	W 7
T 8	20 27 52	4°59'50	2♏25	0♍28	21°12	15°26	28°55	18°19	13°11	3°34	10°26	8°R 9	8° 5	18°48	n.a.	T 8
F 9	20 31 48	5°58'25	15°39	0°58	21°56	16° 7	28°51	18°20	13° 8	3°36	10°27	8° 9	8° 1	18°54	n.a.	F 9
S 10	20 35 45	6°57'02	28°32	1°23	22°41	16°48	28°46	18°21	13° 6	3°38	10°29	8° 9	7°58	19° 1	n.a.	S 10
S 11	20 39 41	7°55'40	11♐ 7	1°43	23°27	17°29	28°42	18°21	13° 3	3°40	10°31	8°D 9	7°55	19° 8	n.a.	S 11
M12	20 43 38	8°54'21	23°28	1°58	24°14	18°10	28°37	18°22	13° 1	3°42	10°33	8° 9	7°52	19°14	n.a.	M12
T 13	20 47 35	9°53'03	5♑37	2° 7	25° 2	18°52	28°33	18°23	12°59	3°44	10°34	8° 9	7°49	19°21	n.a.	T 13
W14	20 51 31	10°51'48	17°36	2°R10	25°50	19°33	28°29	18°24	12°56	3°46	10°36	8°10	7°46	19°28	n.a.	W14
T 15	20 55 28	11°50'34	29°30	2° 6	26°40	20°15	28°25	18°26	12°54	3°48	10°38	8°10	7°42	19°34	n.a.	T 15
F 16	20 59 24	12°49'23	11♒19	1°55	27°30	20°56	28°22	18°27	12°51	3°51	10°39	8°R10	7°39	19°41	n.a.	F 16
S 17	21 3 21	13°48'13	23° 7	1°37	28°20	21°38	28°18	18°28	12°49	3°53	10°41	8°10	7°36	19°48	n.a.	S 17
S 18	21 7 17	14°47'06	4♓56	1°12	29°12	22°20	28°15	18°30	12°47	3°55	10°42	8° 9	7°33	19°54	n.a.	S 18
M19	21 11 14	15°46'01	16°47	0°40	0♋ 4	23° 2	28°12	18°31	12°44	3°57	10°44	8° 8	7°30	20° 1	n.a.	M19
T 20	21 15 10	16°44'58	28°43	0° 0	0°57	23°44	28° 9	18°33	12°42	3°59	10°46	8° 7	7°27	20° 7	n.a.	T 20
W21	21 19 7	17°43'58	10♈48	29♌14	1°51	24°26	28° 7	18°35	12°39	4° 1	10°47	8° 6	7°23	20°14	n.a.	W21
T 22	21 23 4	18°43'00	23° 5	28°21	2°45	25° 9	28° 4	18°36	12°37	4° 3	10°49	8° 5	7°20	20°21	n.a.	T 22
F 23	21 27 0	19°42'04	5♉36	27°22	3°40	25°51	28° 2	18°38	12°35	4° 6	10°50	8° 4	7°17	20°27	n.a.	F 23
S 24	21 30 57	20°41'11	18°26	26°18	4°35	26°34	28° 0	18°40	12°32	4° 8	10°52	8°D 3	7°14	20°34	n.a.	S 24
S 25	21 34 53	21°40'21	1♊37	25°12	5°31	27°16	27°58	18°43	12°30	4°10	10°53	8° 3	7°11	20°41	n.a.	S 25
M26	21 38 50	22°39'33	15°13	24° 3	6°28	27°59	27°56	18°45	12°27	4°12	10°55	8° 4	7° 7	20°47	n.a.	M26
T 27	21 42 46	23°38'47	29°15	22°54	7°25	28°42	27°54	18°47	12°25	4°14	10°56	8° 5	7° 4	20°54	n.a.	T 27
W28	21 46 43	24°38'04	13♋41	21°47	8°22	29°25	27°53	18°49	12°23	4°17	10°58	8° 7	7° 1	21° 1	n.a.	W28
T 29	21 50 39	25°37'23	28°30	20°43	9°21	0♏ 8	27°52	18°52	12°20	4°19	10°59	8° 7	6°58	21° 7	n.a.	T 29
F 30	21 54 36	26°36'45	13♌35	19°45	10°19	0°51	27°51	18°55	12°18	4°21	11° 1	8°R 7	6°55	21°14	n.a.	F 30
S 31	21 58 32	27♌36'09	28♌48	18♌54	11♋18	1♏34	27♐50	18♏57	12♒16	4♍23	11♋ 2	8♌ 7	6♌52	21♒21	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20n51	20n39	1s37	11n26	2s 2	18n 0	5s 9	5s 8	0s54	24s34	0s46	16s 7	1n29	17s48	0s48	11n58	1n39	31n57	8n34	18n31	18n26	16s29			n.a.
F 2	20 39	18 58	0 15	10 58	2 11	18 8	5 4	5 24	0 55	24 34	0 46	16 7	1 29	17 49	0 48	11 57	1 39	31 57	8 34	18 31	18 27	16 28			n.a.
S 3	20 26	15 57	1n 9	10 32	2 20	18 17	4 59	5 41	0 55	24 34	0 46	16 8	1 29	17 50	0 48	11 57	1 39	31 57	8 34	18 31	18 28	16 27			n.a.
S 4	20 14	11 53	2 27	10 6	2 30	18 26	4 53	5 58	0 56	24 34	0 46	16 8	1 29	17 50	0 48	11 56	1 38	31 57	8 34	18 31	18 29	16 25			n.a.
M 5	20 1	7 9	3 34	9 41	2 39	18 35	4 47	6 15	0 57	24 34	0 46	16 8	1 28	17 51	0 48	11 55	1 38	31 57	8 34	18 31	18 29	16 24			n.a.
T 6	19 47	2 8	4 26	9 18	2 48	18 44	4 42	6 31	0 58	24 34	0 46	16 8	1 28	17 52	0 48	11 54	1 38	31 57	8 34	18 31	18 30	16 23			n.a.
W 7	19 33	2s51	5 0	8 56	2 56	18 53	4 36	6 48	0 59	24 35	0 46	16 9	1 28	17 52	0 48	11 54	1 38	31 57	8 35	18 31	18 31	16 21			n.a.
T 8	19 19	7 33	5 16	8 36	3 5	19 1	4 30	7 5	0 59	24 35	0 46	16 9	1 28	17 53	0 48	11 53	1 38	31 57	8 35	18 31	18 32	16 20			n.a.
F 9	19 4	11 45	5 15	8 18	3 13	19 10	4 24	7 21	1 0	24 35	0 46	16 9	1 28	17 54	0 48	11 52	1 38	31 57	8 35	18 31	18 33	16 19			n.a.
S 10	18 50	15 18	4 58	8 2	3 21	19 18	4 18	7 38	1 1	24 35	0 46	16 10	1 27	17 55	0 48	11 51	1 38	31 57	8 35	18 31	18 34	16 18			n.a.
S 11	18 34	18 3	4 27	7 48	3 28	19 27	4 13	7 55	1 2	24 34	0 46	16 10	1 27	17 55	0 48	11 50	1 38	31 57	8 35	18 31	18 34	16 16			n.a.
M12	18 19	19 55	3 44	7 36	3 34	19 35	4 6	8 12	1 2	24 34	0 46	16 11	1 27	17 56	0 48	11 50	1 38	31 57	8 35	18 31	18 35	16 15			n.a.
T 13	18 3	20 50	2 51	7 28	3 40	19 43	4 0	8 28	1 3	24 34	0 46	16 11	1 27	17 57	0 48	11 49	1 38	31 57	8 36	18 31	18 36	16 14			n.a.
W14	17 47	20 47	1 52	7 22	3 45	19 51	3 54	8 45	1 4	24 34	0 46	16 12	1 26	17 57	0 48	11 48	1 38	31 57	8 36	18 31	18 37	16 12			n.a.
T 15	17 30	19 48	0 48	7 20	3 50	19 58	3 48	9 1	1 4	24 34	0 46	16 12	1 26	17 58	0 48	11 47	1 38	31 57	8 36	18 31	18 38	16 11			n.a.
F 16	17 14	17 56	0s18	7 20	3 53	20 5	3 42	9 18	1 5	24 34	0 46	16 13	1 26	17 59	0 48	11 47	1 38	31 57	8 36	18 31	18 39	16 10			n.a.
S 17	16 57	15 19	1 22	7 25	3 55	20 12	3 36	9 35	1 6	24 34	0 46	16 13	1 26	17 59	0 48	11 46	1 38	31 57	8 36	18 31	18 39	16 9			n.a.
S 18	16 39	12 4	2 23	7 33	3 55	20 19	3 30	9 51	1 6	24 34	0 46	16 14	1 26	18 0	0 48	11 45	1 38	31 57	8 37	18 31	18 40	16 7			n.a.
M19	16 22	8 20	3 19	7 46	3 54	20 25	3 24	10 8	1 7	24 34	0 46	16 15	1 25	18 1	0 48	11 44	1 38	31 57	8 37	18 31	18 41	16 6			n.a.
T 20	16 4	4 15	4 5	8 2	3 52	20 31	3 17	10 24	1 8	24 34	0 46	16 15	1 25	18 1	0 48	11 43	1 38	31 57	8 37	18 31	18 42	16 5			n.a.
W21	15 45	0n 2	4 42	8 23	3 47	20 37	3 11	10 40	1 8	24 34	0 46	16 16	1 25	18 2	0 48	11 43	1 38	31 57	8 37	18 32	18 43	16 3			n.a.
T 22	15 27	4 22	5 6	8 47	3 41	20 42	3 5	10 57	1 9	24 34	0 46	16 17	1 25	18 3	0 48	11 42	1 38	31 58	8 37	18 32	18 44	16 2			n.a.
F 23	15 8	8 37	5 17	9 15	3 33	20 47	2 59	11 13	1 10	24 34	0 46	16 17	1 25	18 4	0 48	11 41	1 38	31 58	8 38	18 32	18 44	16 1			n.a.
S 24	14 49	12 35	5 12	9 47	3 22	20 52	2 53	11 29	1 10	24 34	0 46	16 18	1 24	18 4	0 48	11 40	1 38	31 58	8 38	18 32	18 45	15 59			n.a.
S 25	14 30	16 4	4 51	10 21	3 10	20 56	2 46	11 46	1 11	24 34	0 46	16 19	1 24	18 5	0 48	11 39	1 38	31 58	8 38	18 32	18 46	15 58			n.a.
M26	14 11	18 47	4 13	10 57	2 56	20 59	2 40	12 2	1 11	24 34	0 46	16 20	1 24	18 6	0 48	11 38	1 38	31 58	8 38	18 32	18 47	15 57			n.a.
T 27	13 51	20 30	3 19	11 35	2 40	21 2	2 34	12 18	1 12	24 34	0 46	16 20	1 24	18 6	0 48	11 38	1 38	31 58	8 39	18 32	18 48	15 55			n.a.
W28	13 31	20 55	2 11	12 13	2 22	21 5	2 28	12 34	1 12	24 34	0 46	16 21	1 24	18 7	0 48	11 37	1 38	31 58	8 39	18 31	18 48	15 54			n.a.
T 29	13 11	19 55	0 53	12 52	2 4	21 7	2 22	12 50	1 13	24 34	0 46	16 22	1 23	18 8	0 48	11 36	1 38	31 58	8 39	18 31	18 49	15 52			n.a.
F 30	12 50	17 29	0n30	13 29	1 44	21 9	2 16	13 6	1 13	24 34	0 46	16 23	1 23	18 8	0 48	11 35	1 38	31 58	8 39	18 31	18 50	15 51			n.a.
S 31	12n30	13n49	1n52	14n 4	1s24	21n10	2s10	13s21	1s14	24s34	0s46	16s24	1n23	18s 9	0s48	11n34	1n38	31n58	8n40	18n31	18n51	15s50			n.a.

Julian Day Number = 1350176.5, Delta T = 07h08m01s
Ecliptic obliquity = 23°48'53, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'27, Lahiri = -17°59'27 Julian Calendar 1 Aug. 1017 BCE == Greg. Calendar 22 July 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

SEPTEMBER 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 29	28♌35'35	13♍58	18°R11	12♋18	2♏17	27°R50	19♏ 0	12°R14	4♍25	11♋ 3	8°R 5	6♌48	21♒27	n.a.	S 1
M 2	22 6 26	29°35'03	28°58	17♌37	13°17	3° 1	27♐50	19° 3	12♒11	4°28	11° 5	8♌ 2	6°45	21°34	n.a.	M 2
T 3	22 10 22	0♍34'33	13♎37	17°14	14°18	3°44	27°D49	19° 6	12° 9	4°30	11° 6	7°59	6°42	21°41	n.a.	T 3
W 4	22 14 19	1°34'04	27°52	17° 1	15°19	4°28	27°49	19° 9	12° 7	4°32	11° 7	7°56	6°39	21°47	n.a.	W 4
T 5	22 18 15	2°33'38	11♏38	17°D 0	16°20	5°11	27°50	19°12	12° 5	4°34	11° 9	7°54	6°36	21°54	n.a.	T 5
F 6	22 22 12	3°33'14	24°57	17° 9	17°21	5°55	27°50	19°15	12° 2	4°37	11°10	7°52	6°32	22° 0	n.a.	F 6
S 7	22 26 8	4°32'52	7♐50	17°28	18°23	6°39	27°51	19°18	12° 0	4°39	11°11	7°D52	6°29	22° 7	n.a.	S 7
S 8	22 30 5	5°32'31	20°22	17°58	19°25	7°23	27°52	19°22	11°58	4°41	11°13	7°53	6°26	22°14	n.a.	S 8
M 9	22 34 1	6°32'13	2♑36	18°37	20°28	8° 7	27°53	19°25	11°56	4°43	11°14	7°54	6°23	22°20	n.a.	M 9
T 10	22 37 58	7°31'56	14°37	19°25	21°31	8°51	27°54	19°29	11°54	4°46	11°15	7°56	6°20	22°27	n.a.	T 10
W11	22 41 54	8°31'42	26°30	20°20	22°34	9°35	27°56	19°32	11°52	4°48	11°16	7°58	6°17	22°34	n.a.	W11
T 12	22 45 51	9°31'29	8♒18	21°23	23°38	10°19	27°57	19°36	11°50	4°50	11°17	7°R58	6°13	22°40	n.a.	T 12
F 13	22 49 48	10°31'18	20° 5	22°31	24°42	11° 3	27°59	19°40	11°48	4°52	11°18	7°57	6°10	22°47	n.a.	F 13
S 14	22 53 44	11°31'09	1♓54	23°45	25°46	11°48	28° 1	19°44	11°46	4°55	11°19	7°55	6° 7	22°54	n.a.	S 14
S 15	22 57 41	12°31'02	13°47	25° 4	26°51	12°32	28° 4	19°48	11°44	4°57	11°21	7°51	6° 4	23° 0	n.a.	S 15
M16	23 1 37	13°30'58	25°46	26°27	27°55	13°17	28° 6	19°52	11°42	4°59	11°22	7°45	6° 1	23° 7	n.a.	M16
T 17	23 5 34	14°30'55	7♈53	27°53	29° 1	14° 1	28° 9	19°56	11°40	5° 1	11°23	7°38	5°58	23°14	n.a.	T 17
W18	23 9 30	15°30'54	20° 8	29°22	0♌ 6	14°46	28°11	20° 0	11°38	5° 3	11°24	7°31	5°54	23°20	n.a.	W18
T 19	23 13 27	16°30'56	2♉34	0♍53	1°12	15°30	28°15	20° 4	11°36	5° 6	11°25	7°25	5°51	23°27	n.a.	T 19
F 20	23 17 23	17°31'00	15°12	2°26	2°18	16°15	28°18	20° 9	11°34	5° 8	11°26	7°19	5°48	23°34	n.a.	F 20
S 21	23 21 20	18°31'06	28° 4	4° 1	3°24	17° 0	28°21	20°13	11°32	5°10	11°26	7°15	5°45	23°40	n.a.	S 21
S 22	23 25 17	19°31'15	11♊13	5°37	4°31	17°45	28°25	20°18	11°31	5°12	11°27	7°13	5°42	23°47	n.a.	S 22
M23	23 29 13	20°31'25	24°41	7°14	5°37	18°30	28°29	20°22	11°29	5°14	11°28	7°D13	5°38	23°54	n.a.	M23
T 24	23 33 10	21°31'39	8♋29	8°52	6°44	19°15	28°33	20°27	11°27	5°17	11°29	7°14	5°35	24° 0	n.a.	T 24
W25	23 37 6	22°31'54	22°39	10°30	7°52	20° 0	28°37	20°32	11°26	5°19	11°30	7°15	5°32	24° 7	n.a.	W25
T 26	23 41 3	23°32'12	7♌ 9	12° 9	8°59	20°45	28°41	20°36	11°24	5°21	11°31	7°R16	5°29	24°14	n.a.	T 26
F 27	23 44 59	24°32'31	21°58	13°48	10° 7	21°30	28°46	20°41	11°22	5°23	11°31	7°15	5°26	24°20	n.a.	F 27
S 28	23 48 56	25°32'53	6♍58	15°27	11°15	22°15	28°50	20°46	11°21	5°25	11°32	7°12	5°23	24°27	n.a.	S 28
S 29	23 52 52	26°33'16	22° 2	17° 6	12°23	23° 1	28°55	20°51	11°19	5°27	11°33	7° 7	5°19	24°33	n.a.	S 29
M30	23 56 49	27♍33'42	7♎ 0	18♍45	13♌31	23♏46	29♐ 0	20♏56	11♒18	5♍29	11♋34	6♌59	5♌16	24♒40	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 9	9n15	3n 5	14n36	1s 4	21n11	2s 3	13s37	1s14	24s34	0s46	16s25	1n23	18s10	0s48	11n34	1n38	31n59	8n40	18n32	18n52	15s48		n.a.
M 2	11 48	4 9	4 5	15 6	0 44	21 11	1 57	13 53	1 15	24 34	0 46	16 26	1 23	18 10	0 48	11 33	1 38	31 59	8 40	18 33	18 53	15 47		n.a.
T 3	11 26	1s 3	4 47	15 31	0 25	21 11	1 52	14 8	1 15	24 34	0 46	16 27	1 22	18 11	0 48	11 32	1 38	31 59	8 40	18 33	18 53	15 46		n.a.
W 4	11 5	6 3	5 10	15 53	0 6	21 10	1 46	14 24	1 16	24 34	0 46	16 28	1 22	18 11	0 48	11 31	1 38	31 59	8 41	18 34	18 54	15 44		n.a.
T 5	10 43	10 35	5 14	16 10	0n12	21 9	1 40	14 39	1 16	24 34	0 46	16 29	1 22	18 12	0 48	11 30	1 38	31 59	8 41	18 35	18 55	15 43		n.a.
F 6	10 22	14 26	5 1	16 23	0 28	21 7	1 34	14 54	1 17	24 34	0 46	16 30	1 22	18 13	0 48	11 29	1 38	31 59	8 41	18 35	18 56	15 41		n.a.
S 7	10 0	17 28	4 33	16 31	0 43	21 5	1 28	15 10	1 17	24 34	0 46	16 31	1 22	18 13	0 48	11 29	1 38	31 59	8 41	18 35	18 57	15 40		n.a.
S 8	9 37	19 35	3 53	16 35	0 57	21 2	1 22	15 25	1 18	24 34	0 46	16 32	1 21	18 14	0 48	11 28	1 38	32 0	8 42	18 35	18 57	15 39		n.a.
M 9	9 15	20 45	3 2	16 34	1 9	20 58	1 17	15 40	1 18	24 34	0 46	16 34	1 21	18 14	0 48	11 27	1 38	32 0	8 42	18 35	18 58	15 37		n.a.
T 10	8 53	20 56	2 5	16 30	1 20	20 54	1 11	15 54	1 18	24 34	0 46	16 35	1 21	18 15	0 48	11 26	1 38	32 0	8 42	18 34	18 59	15 36		n.a.
W11	8 30	20 10	1 3	16 21	1 29	20 49	1 5	16 9	1 19	24 34	0 46	16 36	1 21	18 16	0 47	11 25	1 38	32 0	8 43	18 34	19 0	15 34		n.a.
T 12	8 7	18 30	0s 2	16 8	1 38	20 44	1 0	16 24	1 19	24 34	0 46	16 37	1 21	18 16	0 47	11 24	1 38	32 0	8 43	18 34	19 1	15 33		n.a.
F 13	7 44	16 3	1 6	15 52	1 44	20 38	0 54	16 38	1 20	24 34	0 46	16 38	1 20	18 17	0 47	11 24	1 38	32 1	8 43	18 34	19 1	15 32		n.a.
S 14	7 21	12 56	2 7	15 32	1 50	20 31	0 49	16 53	1 20	24 34	0 46	16 39	1 20	18 17	0 47	11 23	1 38	32 1	8 43	18 35	19 2	15 30		n.a.
S 15	6 58	9 17	3 3	15 10	1 54	20 24	0 43	17 7	1 20	24 34	0 46	16 41	1 20	18 18	0 47	11 22	1 38	32 1	8 44	18 36	19 3	15 29		n.a.
M16	6 35	5 14	3 51	14 44	1 58	20 17	0 38	17 21	1 21	24 34	0 46	16 42	1 20	18 18	0 47	11 21	1 38	32 1	8 44	18 37	19 4	15 27		n.a.
T 17	6 11	0 57	4 30	14 16	2 0	20 9	0 33	17 35	1 21	24 34	0 46	16 43	1 20	18 19	0 47	11 20	1 38	32 1	8 44	18 39	19 5	15 26		n.a.
W18	5 48	3n25	4 56	13 46	2 2	20 0	0 28	17 49	1 21	24 34	0 46	16 45	1 20	18 19	0 47	11 20	1 38	32 1	8 45	18 41	19 5	15 24		n.a.
T 19	5 24	7 43	5 9	13 14	2 2	19 50	0 23	18 2	1 22	24 34	0 46	16 46	1 19	18 20	0 47	11 19	1 38	32 2	8 45	18 42	19 6	15 23		n.a.
F 20	5 0	11 45	5 7	12 40	2 2	19 40	0 18	18 16	1 22	24 34	0 46	16 47	1 19	18 20	0 47	11 18	1 38	32 2	8 45	18 44	19 7	15 22		n.a.
S 21	4 37	15 20	4 50	12 4	2 1	19 30	0 13	18 29	1 22	24 34	0 46	16 49	1 19	18 21	0 47	11 17	1 38	32 2	8 45	18 45	19 8	15 20		n.a.
S 22	4 13	18 13	4 18	11 26	2 0	19 19	0 8	18 42	1 22	24 34	0 46	16 50	1 19	18 21	0 47	11 16	1 38	32 2	8 46	18 45	19 9	15 19		n.a.
M23	3 49	20 12	3 30	10 48	1 57	19 7	0 3	18 55	1 23	24 34	0 46	16 51	1 19	18 22	0 47	11 16	1 38	32 3	8 46	18 45	19 9	15 17		n.a.
T 24	3 25	21 3	2 30	10 8	1 55	18 54	0n 2	19 8	1 23	24 34	0 46	16 53	1 18	18 22	0 47	11 15	1 39	32 3	8 46	18 45	19 10	15 16		n.a.
W25	3 1	20 35	1 18	9 28	1 52	18 42	0 6	19 21	1 23	24 34	0 46	16 54	1 18	18 23	0 47	11 14	1 39	32 3	8 47	18 45	19 11	15 14		n.a.
T 26	2 36	18 46	0 1	8 46	1 48	18 28	0 11	19 34	1 23	24 34	0 46	16 56	1 18	18 23	0 47	11 13	1 39	32 3	8 47	18 45	19 12	15 13		n.a.
F 27	2 12	15 39	1n19	8 4	1 44	18 14	0 15	19 46	1 24	24 34	0 46	16 57	1 18	18 24	0 47	11 12	1 39	32 3	8 47	18 45	19 13	15 11		n.a.
S 28	1 48	11 27	2 33	7 21	1 40	17 59	0 20	19 58	1 24	24 34	0 46	16 59	1 18	18 24	0 47	11 12	1 39	32 4	8 48	18 46	19 13	15 10		n.a.
S 29	1 23	6 32	3 38	6 38	1 35	17 44	0 24	20 10	1 24	24 34	0 46	17 0	1 18	18 24	0 47	11 11	1 39	32 4	8 48	18 47	19 14	15 8		n.a.
M30	0n59	1n15	4n26	5n54	1n30	17n29	0n28	20s22	1s24	24s34	0s46	17s 2	1n17	18s25	0s47	11n10	1n39	32n 4	8n48	18n49	19n15	15s 7		n.a.

Julian Day Number = 1350207.5, Delta T = 07h07m59s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'23, Lahiri = -17°59'22 Julian Calendar 1 Sept. 1017 BCE == Greg. Calendar 22 Aug. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

OCTOBER 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 45	28♍34'09	21♎44	20♍23	14♌40	24♏32	29♐ 5	21♏ 1	11°R17	5♍32	11♋34	6°R51	5♌13	24♒47	n.a.	T 1
W 2	0 4 42	29°34'38	6♏ 5	22° 2	15°48	25°17	29°11	21° 6	11♒15	5°34	11°35	6♌42	5°10	24°53	n.a.	W 2
T 3	0 8 39	0♎35'09	20° 0	23°40	16°57	26° 3	29°17	21°12	11°14	5°36	11°35	6°35	5° 7	25° 0	n.a.	T 3
F 4	0 12 35	1°35'41	3♐25	25°18	18° 6	26°48	29°22	21°17	11°13	5°38	11°36	6°29	5° 3	25° 7	n.a.	F 4
S 5	0 16 32	2°36'14	16°23	26°56	19°16	27°34	29°28	21°22	11°11	5°40	11°37	6°25	5° 0	25°13	n.a.	S 5
S 6	0 20 28	3°36'49	28°57	28°34	20°25	28°19	29°34	21°28	11°10	5°42	11°37	6°D24	4°57	25°20	n.a.	S 6
M 7	0 24 25	4°37'26	11♑11	0♎11	21°35	29° 5	29°41	21°33	11° 9	5°44	11°38	6°24	4°54	25°27	n.a.	M 7
T 8	0 28 21	5°38'04	23°11	1°48	22°44	29°51	29°47	21°39	11° 8	5°46	11°38	6°25	4°51	25°33	n.a.	T 8
W 9	0 32 18	6°38'43	5♒ 2	3°25	23°54	0♐37	29°54	21°44	11° 7	5°48	11°38	6°R25	4°48	25°40	n.a.	W 9
T 10	0 36 14	7°39'23	16°49	5° 1	25° 4	1°22	0♑ 0	21°50	11° 6	5°50	11°39	6°25	4°44	25°47	n.a.	T 10
F 11	0 40 11	8°40'05	28°36	6°37	26°15	2° 8	0° 7	21°56	11° 5	5°52	11°39	6°22	4°41	25°53	n.a.	F 11
S 12	0 44 8	9°40'48	10♓28	8°13	27°25	2°54	0°15	22° 1	11° 4	5°54	11°40	6°17	4°38	26° 0	n.a.	S 12
S 13	0 48 4	10°41'33	22°28	9°49	28°35	3°40	0°22	22° 7	11° 3	5°56	11°40	6° 9	4°35	26° 7	n.a.	S 13
M14	0 52 1	11°42'19	4♈37	11°24	29°46	4°26	0°29	22°13	11° 2	5°58	11°40	5°58	4°32	26°13	n.a.	M14
T 15	0 55 57	12°43'06	16°58	12°59	0♍57	5°12	0°37	22°19	11° 1	5°59	11°40	5°46	4°29	26°20	n.a.	T 15
W16	0 59 54	13°43'55	29°29	14°34	2° 8	5°58	0°44	22°25	11° 1	6° 1	11°41	5°33	4°25	26°27	n.a.	W16
T 17	1 3 50	14°44'45	12♉12	16° 9	3°19	6°44	0°52	22°31	11° 0	6° 3	11°41	5°21	4°22	26°33	n.a.	T 17
F 18	1 7 47	15°45'37	25° 6	17°43	4°30	7°31	1° 0	22°37	10°59	6° 5	11°41	5°10	4°19	26°40	n.a.	F 18
S 19	1 11 43	16°46'31	8♊12	19°18	5°41	8°17	1° 8	22°43	10°59	6° 7	11°41	5° 2	4°16	26°47	n.a.	S 19
S 20	1 15 40	17°47'26	21°29	20°52	6°53	9° 3	1°17	22°49	10°58	6° 9	11°41	4°56	4°13	26°53	n.a.	S 20
M21	1 19 37	18°48'22	4♋59	22°26	8° 5	9°49	1°25	22°56	10°58	6°10	11°41	4°54	4° 9	27° 0	n.a.	M21
T 22	1 23 33	19°49'20	18°42	24° 0	9°16	10°35	1°34	23° 2	10°57	6°12	11°41	4°D53	4° 6	27° 7	n.a.	T 22
W23	1 27 30	20°50'20	2♌39	25°34	10°28	11°22	1°42	23° 8	10°57	6°14	11°R41	4°R53	4° 3	27°13	n.a.	W23
T 24	1 31 26	21°51'21	16°51	27° 8	11°40	12° 8	1°51	23°14	10°56	6°16	11°41	4°53	4° 0	27°20	n.a.	T 24
F 25	1 35 23	22°52'23	1♍17	28°42	12°52	12°54	2° 0	23°21	10°56	6°17	11°41	4°51	3°57	27°27	n.a.	F 25
S 26	1 39 19	23°53'27	15°53	0♏16	14° 4	13°41	2° 9	23°27	10°56	6°19	11°41	4°46	3°54	27°33	n.a.	S 26
S 27	1 43 16	24°54'32	0♎34	1°49	15°16	14°27	2°19	23°34	10°56	6°21	11°41	4°38	3°50	27°40	n.a.	S 27
M28	1 47 12	25°55'38	15°14	3°23	16°29	15°14	2°28	23°40	10°56	6°22	11°41	4°27	3°47	27°46	n.a.	M28
T 29	1 51 9	26°56'46	29°45	4°56	17°41	16° 0	2°38	23°47	10°55	6°24	11°41	4°15	3°44	27°53	n.a.	T 29
W30	1 55 6	27°57'54	13♏59	6°30	18°54	16°46	2°47	23°53	10°D55	6°25	11°41	4° 2	3°41	28° 0	n.a.	W30
T 31	1 59 2	28♎59'03	27♏51	8♏ 4	20♍ 6	17♐33	2♑57	24♏ 0	10♒55	6♍27	11♋40	3♌51	3♌38	28♒ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	0n35	4s 2	4n56	5n10	1n25	17n12	0n32	20s34	1s24	24s34	0s46	17s 3	1n17	18s25	0s47	11n 9	1n39	32n 4	8n49	18n51	19n16	15s 5			n.a.
W 2	0 10	8 56	5 7	4 25	1 19	16 56	0 37	20 45	1 25	24 34	0 46	17 5	1 17	18 25	0 47	11 9	1 39	32 5	8 49	18 53	19 16	15 4			n.a.
T 3	0s14	13 14	4 58	3 41	1 14	16 38	0 41	20 56	1 25	24 34	0 46	17 6	1 17	18 26	0 47	11 8	1 39	32 5	8 49	18 55	19 17	15 2			n.a.
F 4	0 39	16 41	4 34	2 56	1 8	16 21	0 44	21 7	1 25	24 34	0 46	17 8	1 17	18 26	0 47	11 7	1 39	32 5	8 50	18 57	19 18	15 1			n.a.
S 5	1 3	19 12	3 56	2 11	1 2	16 2	0 48	21 18	1 25	24 34	0 46	17 9	1 17	18 26	0 47	11 6	1 39	32 6	8 50	18 58	19 19	14 59			n.a.
S 6	1 27	20 42	3 7	1 26	0 56	15 44	0 52	21 29	1 25	24 34	0 46	17 11	1 17	18 27	0 47	11 6	1 39	32 6	8 50	18 58	19 20	14 58			n.a.
M 7	1 52	21 9	2 11	0 41	0 50	15 24	0 55	21 39	1 25	24 34	0 45	17 12	1 16	18 27	0 47	11 5	1 39	32 6	8 51	18 58	19 20	14 56			n.a.
T 8	2 16	20 38	1 10	0s 4	0 43	15 5	0 59	21 49	1 25	24 34	0 45	17 14	1 16	18 27	0 47	11 4	1 39	32 6	8 51	18 58	19 21	14 55			n.a.
W 9	2 41	19 11	0 7	0 49	0 37	14 44	1 2	21 59	1 25	24 34	0 45	17 16	1 16	18 28	0 47	11 3	1 39	32 7	8 51	18 58	19 22	14 53			n.a.
T 10	3 5	16 55	0s55	1 33	0 31	14 24	1 6	22 9	1 26	24 34	0 45	17 17	1 16	18 28	0 47	11 3	1 39	32 7	8 52	18 58	19 23	14 52			n.a.
F 11	3 29	13 57	1 56	2 18	0 24	14 3	1 9	22 19	1 26	24 34	0 45	17 19	1 16	18 28	0 47	11 2	1 39	32 7	8 52	18 58	19 23	14 50			n.a.
S 12	3 54	10 23	2 51	3 2	0 18	13 41	1 12	22 28	1 26	24 34	0 45	17 21	1 16	18 28	0 47	11 1	1 39	32 8	8 52	19 0	19 24	14 49			n.a.
S 13	4 18	6 23	3 40	3 47	0 11	13 19	1 15	22 37	1 26	24 34	0 45	17 22	1 15	18 29	0 47	11 1	1 39	32 8	8 53	19 2	19 25	14 47			n.a.
M14	4 42	2 5	4 19	4 30	0 5	12 56	1 18	22 46	1 26	24 34	0 45	17 24	1 15	18 29	0 47	11 0	1 39	32 8	8 53	19 4	19 26	14 46			n.a.
T 15	5 6	2n22	4 46	5 14	0s 2	12 34	1 21	22 55	1 26	24 34	0 45	17 26	1 15	18 29	0 47	10 59	1 39	32 8	8 53	19 7	19 27	14 44			n.a.
W16	5 30	6 47	5 0	5 58	0 8	12 10	1 23	23 3	1 26	24 34	0 45	17 27	1 15	18 29	0 47	10 59	1 39	32 9	8 54	19 11	19 27	14 43			n.a.
T 17	5 54	10 59	5 0	6 41	0 15	11 47	1 26	23 11	1 26	24 34	0 45	17 29	1 15	18 29	0 47	10 58	1 39	32 9	8 54	19 14	19 28	14 41			n.a.
F 18	6 18	14 45	4 44	7 23	0 21	11 23	1 28	23 19	1 26	24 34	0 45	17 31	1 15	18 29	0 46	10 57	1 39	32 9	8 54	19 16	19 29	14 40			n.a.
S 19	6 42	17 51	4 13	8 6	0 28	10 58	1 31	23 27	1 26	24 34	0 45	17 32	1 15	18 30	0 46	10 57	1 39	32 10	8 55	19 18	19 30	14 38			n.a.
S 20	7 5	20 4	3 29	8 48	0 34	10 34	1 33	23 34	1 26	24 34	0 45	17 34	1 15	18 30	0 46	10 56	1 39	32 10	8 55	19 20	19 30	14 36			n.a.
M21	7 29	21 12	2 32	9 29	0 40	10 9	1 35	23 41	1 26	24 34	0 45	17 36	1 14	18 30	0 46	10 55	1 39	32 10	8 55	19 20	19 31	14 35			n.a.
T 22	7 52	21 5	1 25	10 10	0 47	9 43	1 37	23 48	1 26	24 33	0 45	17 37	1 14	18 30	0 46	10 55	1 39	32 11	8 56	19 21	19 32	14 33			n.a.
W23	8 16	19 41	0 12	10 51	0 53	9 17	1 39	23 55	1 26	24 33	0 45	17 39	1 14	18 30	0 46	10 54	1 40	32 11	8 56	19 21	19 33	14 32			n.a.
T 24	8 39	17 2	1n 3	11 31	0 59	8 51	1 41	24 1	1 26	24 33	0 45	17 41	1 14	18 30	0 46	10 54	1 40	32 11	8 56	19 21	19 33	14 30			n.a.
F 25	9 2	13 17	2 15	12 11	1 4	8 25	1 43	24 7	1 26	24 33	0 45	17 43	1 14	18 30	0 46	10 53	1 40	32 12	8 57	19 21	19 34	14 29			n.a.
S 26	9 25	8 42	3 19	12 50	1 10	7 58	1 45	24 13	1 26	24 33	0 45	17 44	1 14	18 30	0 46	10 52	1 40	32 12	8 57	19 22	19 35	14 27			n.a.
S 27	9 47	3 35	4 10	13 28	1 16	7 31	1 46	24 18	1 26	24 33	0 45	17 46	1 14	18 30	0 46	10 52	1 40	32 12	8 57	19 24	19 36	14 25			n.a.
M28	10 10	1s44	4 44	14 6	1 21	7 4	1 48	24 24	1 25	24 33	0 45	17 48	1 14	18 30	0 46	10 51	1 40	32 13	8 57	19 27	19 37	14 24			n.a.
T 29	10 33	6 54	5 0	14 43	1 26	6 37	1 49	24 29	1 25	24 32	0 45	17 50	1 13	18 30	0 46	10 51	1 40	32 13	8 58	19 30	19 37	14 22			n.a.
W30	10 55	11 35	4 56	15 20	1 31	6 9	1 51	24 34	1 25	24 32	0 45	17 51	1 13	18 30	0 46	10 50	1 40	32 13	8 58	19 33	19 38	14 21			n.a.
T 31	11s17	15s32	4n35	15s56	1s36	5n41	1n52	24s38	1s25	24s32	0s45	17s53	1n13	18s30	0s46	10n50	1n40	32n14	8n58	19n36	19n39	14s19			n.a.

Julian Day Number = 1350237.5, Delta T = 07h07m58s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'19, Lahiri = -17°59'18 Julian Calendar 1 Oct. 1017 BCE == Greg. Calendar 21 Sept. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

NOVEMBER 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 2 59	0♏ 0'13	11♐18	9♏37	21♍19	18♐19	3♑ 7	24♏ 6	10♒56	6♍28	11°R40	3°R41	3♌35	28♒13	n.a.	F 1
S 2	2 6 55	1° 1'23	24°19	11°10	22°32	19° 6	3°17	24°13	10°56	6°30	11♋40	3♌34	3°31	28°20	n.a.	S 2
S 3	2 10 52	2° 2'34	6♑56	12°44	23°44	19°53	3°27	24°20	10°56	6°31	11°40	3°30	3°28	28°26	n.a.	S 3
M 4	2 14 48	3° 3'46	19°12	14°17	24°57	20°39	3°37	24°27	10°56	6°33	11°39	3°29	3°25	28°33	n.a.	M 4
T 5	2 18 45	4° 4'58	1♒14	15°50	26°10	21°26	3°48	24°33	10°56	6°34	11°39	3°28	3°22	28°40	n.a.	T 5
W 6	2 22 41	5° 6'10	13° 6	17°24	27°23	22°12	3°58	24°40	10°57	6°36	11°38	3°28	3°19	28°46	n.a.	W 6
T 7	2 26 38	6° 7'23	24°53	18°57	28°36	22°59	4° 9	24°47	10°57	6°37	11°38	3°27	3°15	28°53	n.a.	T 7
F 8	2 30 35	7° 8'36	6♓42	20°29	29°50	23°45	4°19	24°54	10°57	6°38	11°38	3°24	3°12	29° 0	n.a.	F 8
S 9	2 34 31	8° 9'50	18°37	22° 2	1♎ 3	24°32	4°30	25° 0	10°58	6°40	11°37	3°18	3° 9	29° 6	n.a.	S 9
S 10	2 38 28	9°11'03	0♈43	23°34	2°16	25°19	4°41	25° 7	10°58	6°41	11°37	3°10	3° 6	29°13	n.a.	S 10
M11	2 42 24	10°12'17	13° 1	25° 6	3°29	26° 5	4°52	25°14	10°59	6°42	11°36	2°59	3° 3	29°20	n.a.	M11
T 12	2 46 21	11°13'32	25°35	26°37	4°43	26°52	5° 3	25°21	11° 0	6°43	11°36	2°46	3° 0	29°26	n.a.	T 12
W13	2 50 17	12°14'47	8♉24	28° 8	5°56	27°39	5°14	25°28	11° 0	6°44	11°35	2°32	2°56	29°33	n.a.	W13
T 14	2 54 14	13°16'02	21°28	29°38	7°10	28°25	5°26	25°35	11° 1	6°46	11°34	2°19	2°53	29°40	n.a.	T 14
F 15	2 58 10	14°17'17	4♊46	1♐ 7	8°23	29°12	5°37	25°42	11° 2	6°47	11°34	2° 7	2°50	29°46	n.a.	F 15
S 16	3 2 7	15°18'33	18°14	2°35	9°37	29°59	5°49	25°49	11° 3	6°48	11°33	1°58	2°47	29°53	n.a.	S 16
S 17	3 6 4	16°19'50	1♋52	4° 1	10°51	0♑45	6° 0	25°56	11° 4	6°49	11°32	1°52	2°44	29°59	n.a.	S 17
M18	3 10 0	17°21'07	15°37	5°26	12° 4	1°32	6°12	26° 3	11° 4	6°50	11°32	1°48	2°40	0♓ 6	n.a.	M18
T 19	3 13 57	18°22'24	29°29	6°49	13°18	2°18	6°24	26°10	11° 5	6°51	11°31	1°D47	2°37	0°13	n.a.	T 19
W20	3 17 53	19°23'42	13♌27	8° 9	14°32	3° 5	6°36	26°17	11° 7	6°52	11°30	1°R48	2°34	0°20	n.a.	W20
T 21	3 21 50	20°25'00	27°32	9°27	15°46	3°52	6°48	26°24	11° 8	6°53	11°29	1°48	2°31	0°26	n.a.	T 21
F 22	3 25 46	21°26'18	11♍41	10°42	17° 0	4°38	7° 0	26°31	11° 9	6°54	11°29	1°46	2°28	0°33	n.a.	F 22
S 23	3 29 43	22°27'37	25°54	11°52	18°14	5°25	7°12	26°38	11°10	6°55	11°28	1°42	2°25	0°40	n.a.	S 23
S 24	3 33 40	23°28'56	10♎ 8	12°59	19°28	6°12	7°24	26°45	11°11	6°55	11°27	1°35	2°21	0°46	n.a.	S 24
M25	3 37 36	24°30'15	24°20	14° 0	20°42	6°58	7°36	26°52	11°12	6°56	11°26	1°26	2°18	0°53	n.a.	M25
T 26	3 41 33	25°31'34	8♏25	14°55	21°56	7°45	7°49	26°59	11°14	6°57	11°25	1°15	2°15	1° 0	n.a.	T 26
W27	3 45 29	26°32'53	22°17	15°43	23°10	8°32	8° 1	27° 6	11°15	6°58	11°24	1° 3	2°12	1° 6	n.a.	W27
T 28	3 49 26	27°34'12	5♐53	16°24	24°24	9°18	8°14	27°13	11°17	6°58	11°23	0°53	2° 9	1°13	n.a.	T 28
F 29	3 53 22	28°35'31	19° 9	16°57	25°38	10° 5	8°26	27°20	11°18	6°59	11°22	0°44	2° 6	1°20	n.a.	F 29
S 30	3 57 19	29♏36'49	2♑ 4	17♐20	26♎52	10♑52	8♑39	27♏27	11♒20	7♍ 0	11♋21	0♌37	2♌ 2	1♓26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s39	18s33	3n59	16s31	1s41	5n13	1n53	24s42	1s25	24s32	0s45	17s55	1n13	18s30	0s46	10n49	1n40	32n14	8n59	19n38	19n40	14s17		n.a.
S 2	12 1	20 30	3 11	17 5	1 45	4 45	1 54	24 46	1 25	24 31	0 45	17 57	1 13	18 30	0 46	10 49	1 40	32 14	8 59	19 40	19 40	14 16		n.a.
S 3	12 22	21 22	2 16	17 38	1 50	4 17	1 55	24 50	1 25	24 31	0 45	17 58	1 13	18 30	0 46	10 48	1 40	32 15	8 59	19 41	19 41	14 14		n.a.
M 4	12 44	21 11	1 15	18 11	1 54	3 48	1 56	24 53	1 25	24 31	0 45	18 0	1 13	18 30	0 46	10 48	1 40	32 15	9 0	19 41	19 42	14 13		n.a.
T 5	13 5	20 0	0 12	18 42	1 57	3 19	1 56	24 56	1 24	24 31	0 45	18 2	1 13	18 30	0 46	10 47	1 40	32 15	9 0	19 41	19 43	14 11		n.a.
W 6	13 26	17 58	0s51	19 13	2 1	2 50	1 57	24 59	1 24	24 30	0 45	18 4	1 13	18 29	0 46	10 47	1 40	32 16	9 0	19 41	19 43	14 9		n.a.
T 7	13 46	15 10	1 51	19 42	2 4	2 21	1 57	25 1	1 24	24 30	0 45	18 5	1 12	18 29	0 46	10 46	1 40	32 16	9 1	19 41	19 44	14 8		n.a.
F 8	14 7	11 45	2 46	20 11	2 6	1 52	1 58	25 4	1 24	24 29	0 45	18 7	1 12	18 29	0 46	10 46	1 40	32 17	9 1	19 42	19 45	14 6		n.a.
S 9	14 27	7 51	3 35	20 38	2 9	1 23	1 58	25 6	1 24	24 29	0 45	18 9	1 12	18 29	0 46	10 45	1 40	32 17	9 1	19 43	19 46	14 4		n.a.
S 10	14 47	3 35	4 14	21 4	2 11	0 53	1 58	25 7	1 23	24 29	0 45	18 11	1 12	18 29	0 46	10 45	1 40	32 17	9 2	19 45	19 46	14 3		n.a.
M11	15 7	0n54	4 43	21 28	2 12	0 24	1 58	25 9	1 23	24 28	0 45	18 12	1 12	18 29	0 46	10 45	1 41	32 18	9 2	19 48	19 47	14 1		n.a.
T 12	15 26	5 25	4 58	21 52	2 13	0s 6	1 58	25 10	1 23	24 28	0 45	18 14	1 12	18 28	0 46	10 44	1 41	32 18	9 2	19 51	19 48	14 0		n.a.
W13	15 45	9 49	4 59	22 14	2 14	0 35	1 58	25 10	1 23	24 27	0 45	18 16	1 12	18 28	0 46	10 44	1 41	32 18	9 3	19 54	19 48	13 58		n.a.
T 14	16 4	13 51	4 44	22 34	2 14	1 5	1 58	25 11	1 23	24 27	0 45	18 18	1 12	18 28	0 46	10 43	1 41	32 19	9 3	19 57	19 49	13 56		n.a.
F 15	16 23	17 16	4 14	22 53	2 13	1 34	1 58	25 11	1 22	24 26	0 45	18 19	1 12	18 28	0 45	10 43	1 41	32 19	9 3	20 0	19 50	13 55		n.a.
S 16	16 41	19 49	3 29	23 10	2 12	2 4	1 58	25 11	1 22	24 26	0 45	18 21	1 12	18 27	0 45	10 43	1 41	32 19	9 3	20 2	19 51	13 53		n.a.
S 17	16 59	21 17	2 31	23 25	2 10	2 34	1 57	25 11	1 22	24 25	0 45	18 23	1 12	18 27	0 45	10 42	1 41	32 20	9 4	20 3	19 51	13 51		n.a.
M18	17 17	21 29	1 25	23 38	2 8	3 3	1 57	25 10	1 22	24 25	0 45	18 25	1 11	18 27	0 45	10 42	1 41	32 20	9 4	20 4	19 52	13 50		n.a.
T 19	17 34	20 23	0 12	23 50	2 4	3 33	1 56	25 9	1 21	24 24	0 45	18 26	1 11	18 27	0 45	10 42	1 41	32 21	9 4	20 4	19 53	13 48		n.a.
W20	17 51	18 2	1n 2	23 59	2 0	4 3	1 56	25 8	1 21	24 24	0 45	18 28	1 11	18 26	0 45	10 41	1 41	32 21	9 5	20 4	19 54	13 46		n.a.
T 21	18 8	14 35	2 12	24 7	1 55	4 32	1 55	25 6	1 21	24 23	0 45	18 30	1 11	18 26	0 45	10 41	1 41	32 21	9 5	20 4	19 54	13 45		n.a.
F 22	18 24	10 17	3 15	24 12	1 49	5 2	1 54	25 4	1 20	24 22	0 45	18 32	1 11	18 26	0 45	10 41	1 41	32 22	9 5	20 5	19 55	13 43		n.a.
S 23	18 40	5 24	4 6	24 15	1 42	5 31	1 53	25 2	1 20	24 22	0 45	18 33	1 11	18 25	0 45	10 40	1 41	32 22	9 6	20 6	19 56	13 41		n.a.
S 24	18 56	0 14	4 42	24 16	1 34	6 0	1 52	25 0	1 20	24 21	0 45	18 35	1 11	18 25	0 45	10 40	1 41	32 22	9 6	20 7	19 57	13 40		n.a.
M25	19 12	4s56	5 0	24 15	1 25	6 30	1 51	24 57	1 20	24 20	0 45	18 37	1 11	18 24	0 45	10 40	1 41	32 23	9 6	20 9	19 57	13 38		n.a.
T 26	19 27	9 48	5 0	24 11	1 15	6 59	1 50	24 54	1 19	24 20	0 45	18 38	1 11	18 24	0 45	10 40	1 41	32 23	9 6	20 12	19 58	13 36		n.a.
W27	19 41	14 5	4 42	24 5	1 4	7 28	1 49	24 51	1 19	24 19	0 45	18 40	1 11	18 24	0 45	10 40	1 41	32 23	9 7	20 14	19 59	13 34		n.a.
T 28	19 56	17 33	4 9	23 57	0 51	7 56	1 47	24 47	1 19	24 18	0 45	18 42	1 11	18 23	0 45	10 39	1 42	32 24	9 7	20 17	20 0	13 33		n.a.
F 29	20 10	20 0	3 22	23 46	0 37	8 25	1 46	24 44	1 18	24 17	0 45	18 44	1 11	18 23	0 45	10 39	1 42	32 24	9 7	20 19	20 0	13 31		n.a.
S 30	20s23	21s22	2n26	23s34	0s22	8s54	1n45	24s39	1s18	24s17	0s45	18s45	1n11	18s22	0s45	10n39	1n42	32n24	9n 7	20n20	20n 1	13s29		n.a.

Julian Day Number = 1350268.5, Delta T = 07h07m56s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'15, Lahiri = -17°59'14 Julian Calendar 1 Nov. 1017 BCE == Greg. Calendar 22 Oct. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1017 BCE
geocentric

DECEMBER 1017 BCE (-1016) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 1 15	0♐38'07	14♑39	17♐32	28♎ 6	11♑38	8♑52	27♏34	11♒21	7♍ 0	11°R20	0°R33	1♌59	1♓33	n.a.	S 1
M 2	4 5 12	1°39'24	26°56	17°R34	29°20	12°25	9° 5	27°41	11°23	7° 1	11♋19	0°D32	1°56	1°40	n.a.	M 2
T 3	4 9 9	2°40'41	8♒58	17°24	0♏35	13°11	9°18	27°48	11°24	7° 1	11°18	0♌32	1°53	1°46	n.a.	T 3
W 4	4 13 5	3°41'57	20°52	17° 2	1°49	13°58	9°31	27°55	11°26	7° 2	11°17	0°33	1°50	1°53	n.a.	W 4
T 5	4 17 2	4°43'12	2♓40	16°29	3° 3	14°44	9°44	28° 3	11°28	7° 2	11°16	0°R34	1°46	2° 0	n.a.	T 5
F 6	4 20 58	5°44'26	14°30	15°44	4°17	15°31	9°57	28°10	11°30	7° 3	11°15	0°33	1°43	2° 6	n.a.	F 6
S 7	4 24 55	6°45'40	26°26	14°49	5°32	16°17	10°10	28°17	11°32	7° 3	11°14	0°31	1°40	2°13	n.a.	S 7
S 8	4 28 51	7°46'53	8♈34	13°45	6°46	17° 4	10°23	28°24	11°33	7° 4	11°12	0°26	1°37	2°20	n.a.	S 8
M 9	4 32 48	8°48'04	20°57	12°34	8° 0	17°50	10°36	28°31	11°35	7° 4	11°11	0°20	1°34	2°26	n.a.	M 9
T 10	4 36 44	9°49'15	3♉38	11°18	9°15	18°37	10°50	28°38	11°37	7° 4	11°10	0°11	1°31	2°33	n.a.	T 10
W11	4 40 41	10°50'25	16°39	10° 0	10°29	19°23	11° 3	28°44	11°39	7° 4	11° 9	0° 2	1°27	2°40	n.a.	W11
T 12	4 44 38	11°51'34	29°59	8°42	11°43	20°10	11°16	28°51	11°41	7° 5	11° 8	29♋53	1°24	2°46	n.a.	T 12
F 13	4 48 34	12°52'43	13♊39	7°27	12°58	20°56	11°30	28°58	11°43	7° 5	11° 6	29°46	1°21	2°53	n.a.	F 13
S 14	4 52 31	13°53'50	27°33	6°16	14°12	21°42	11°43	29° 5	11°46	7° 5	11° 5	29°40	1°18	3° 0	n.a.	S 14
S 15	4 56 27	14°54'57	11♋39	5°11	15°26	22°29	11°57	29°12	11°48	7° 5	11° 4	29°36	1°15	3° 6	n.a.	S 15
M16	5 0 24	15°56'03	25°51	4°13	16°41	23°15	12°11	29°19	11°50	7° 5	11° 3	29°D34	1°12	3°13	n.a.	M16
T 17	5 4 20	16°57'08	10♌ 6	3°24	17°55	24° 1	12°24	29°26	11°52	7° 5	11° 1	29°35	1° 8	3°20	n.a.	T 17
W18	5 8 17	17°58'13	24°20	2°44	19°10	24°48	12°38	29°33	11°55	7°R 5	11° 0	29°36	1° 5	3°26	n.a.	W18
T 19	5 12 14	18°59'17	8♍32	2°13	20°24	25°34	12°52	29°39	11°57	7° 5	10°59	29°37	1° 2	3°33	n.a.	T 19
F 20	5 16 10	20° 0'19	22°39	1°51	21°38	26°20	13° 6	29°46	11°59	7° 5	10°57	29°R38	0°59	3°40	n.a.	F 20
S 21	5 20 7	21° 1'22	6♎41	1°38	22°53	27° 6	13°19	29°53	12° 2	7° 5	10°56	29°37	0°56	3°46	n.a.	S 21
S 22	5 24 3	22° 2'23	20°36	1°D33	24° 7	27°53	13°33	29°59	12° 4	7° 5	10°55	29°34	0°52	3°53	n.a.	S 22
M23	5 28 0	23° 3'23	4♏22	1°36	25°22	28°39	13°47	0♐ 6	12° 7	7° 5	10°53	29°29	0°49	4° 0	n.a.	M23
T 24	5 31 56	24° 4'23	17°58	1°47	26°36	29°25	14° 1	0°13	12° 9	7° 5	10°52	29°23	0°46	4° 6	n.a.	T 24
W25	5 35 53	25° 5'21	1♐23	2° 4	27°51	0♒11	14°15	0°20	12°12	7° 4	10°50	29°17	0°43	4°13	n.a.	W25
T 26	5 39 49	26° 6'19	14°33	2°28	29° 5	0°57	14°29	0°26	12°14	7° 4	10°49	29°12	0°40	4°20	n.a.	T 26
F 27	5 43 46	27° 7'15	27°29	2°57	0♐20	1°43	14°43	0°33	12°17	7° 4	10°48	29° 7	0°37	4°26	n.a.	F 27
S 28	5 47 43	28° 8'10	10♑10	3°31	1°34	2°29	14°57	0°40	12°19	7° 4	10°46	29° 4	0°33	4°33	n.a.	S 28
S 29	5 51 39	29° 9'03	22°35	4°11	2°48	3°15	15°11	0°46	12°22	7° 3	10°45	29° 2	0°30	4°40	n.a.	S 29
M30	5 55 36	0♑ 9'55	4♒47	4°54	4° 3	4° 1	15°26	0°53	12°25	7° 3	10°43	29°D 2	0°27	4°46	n.a.	M30
T 31	5 59 32	1♑10'46	16♒48	5♐42	5♐17	4♒47	15♑40	0♐59	12♒28	7♍ 2	10♋42	29♋ 3	0♌24	4♓53	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	20s36	21s36	1n24	23s18	0s 5	9s22	1n43	24s35	1s18	24s16	0s45	18s47	1n11	18s22	0s45	10n39	1n42	32n25	9n 8	20n21	20n 2	13s28			n.a.
M 2	20 49	20 47	0 19	23 1	0n12	9 50	1 41	24 30	1 17	24 15	0 45	18 49	1 11	18 21	0 45	10 39	1 42	32 25	9 8	20 21	20 2	13 26			n.a.
T 3	21 1	19 1	0s45	22 42	0 31	10 18	1 40	24 25	1 17	24 14	0 45	18 50	1 10	18 21	0 45	10 38	1 42	32 25	9 8	20 21	20 3	13 24			n.a.
W 4	21 13	16 27	1 47	22 21	0 50	10 45	1 38	24 20	1 16	24 13	0 45	18 52	1 10	18 20	0 45	10 38	1 42	32 26	9 8	20 21	20 4	13 22			n.a.
T 5	21 25	13 13	2 44	21 58	1 9	11 13	1 36	24 15	1 16	24 12	0 45	18 54	1 10	18 20	0 45	10 38	1 42	32 26	9 9	20 21	20 5	13 21			n.a.
F 6	21 36	9 28	3 34	21 34	1 29	11 40	1 35	24 9	1 16	24 11	0 45	18 55	1 10	18 19	0 45	10 38	1 42	32 27	9 9	20 21	20 5	13 19			n.a.
S 7	21 47	5 19	4 15	21 8	1 48	12 7	1 33	24 3	1 15	24 10	0 45	18 57	1 10	18 19	0 45	10 38	1 42	32 27	9 9	20 21	20 6	13 17			n.a.
S 8	21 57	0 55	4 45	20 42	2 7	12 34	1 31	23 57	1 15	24 9	0 45	18 58	1 10	18 18	0 45	10 38	1 42	32 27	9 9	20 22	20 7	13 16			n.a.
M 9	22 7	3n38	5 3	20 16	2 24	13 0	1 29	23 50	1 15	24 8	0 45	19 0	1 10	18 18	0 45	10 38	1 42	32 28	9 10	20 24	20 7	13 14			n.a.
T 10	22 16	8 7	5 6	19 50	2 40	13 26	1 27	23 43	1 14	24 7	0 45	19 2	1 10	18 17	0 45	10 38	1 42	32 28	9 10	20 26	20 8	13 12			n.a.
W11	22 25	12 23	4 54	19 26	2 54	13 51	1 25	23 36	1 14	24 6	0 45	19 3	1 10	18 16	0 45	10 38	1 42	32 28	9 10	20 28	20 9	13 10			n.a.
T 12	22 34	16 8	4 26	19 2	3 6	14 17	1 23	23 29	1 13	24 5	0 45	19 5	1 10	18 16	0 45	10 38	1 42	32 28	9 10	20 30	20 10	13 9			n.a.
F 13	22 42	19 7	3 42	18 41	3 15	14 42	1 20	23 21	1 13	24 4	0 45	19 6	1 10	18 15	0 45	10 38	1 43	32 29	9 10	20 31	20 10	13 7			n.a.
S 14	22 50	21 3	2 44	18 22	3 22	15 6	1 18	23 13	1 12	24 3	0 45	19 8	1 10	18 14	0 44	10 38	1 43	32 29	9 11	20 32	20 11	13 5			n.a.
S 15	22 57	21 43	1 36	18 7	3 27	15 31	1 16	23 5	1 12	24 1	0 45	19 9	1 10	18 14	0 44	10 38	1 43	32 29	9 11	20 33	20 12	13 3			n.a.
M16	23 4	20 59	0 20	17 54	3 29	15 54	1 14	22 57	1 12	24 0	0 45	19 11	1 10	18 13	0 44	10 38	1 43	32 30	9 11	20 34	20 12	13 2			n.a.
T 17	23 10	18 54	0n57	17 45	3 29	16 18	1 11	22 48	1 11	23 59	0 46	19 12	1 10	18 12	0 44	10 38	1 43	32 30	9 11	20 33	20 13	13 0			n.a.
W18	23 16	15 40	2 10	17 39	3 27	16 41	1 9	22 40	1 11	23 58	0 46	19 14	1 10	18 12	0 44	10 38	1 43	32 30	9 11	20 33	20 14	12 58			n.a.
T 19	23 21	11 31	3 16	17 36	3 24	17 3	1 7	22 31	1 10	23 56	0 46	19 16	1 10	18 11	0 44	10 38	1 43	32 31	9 12	20 33	20 15	12 56			n.a.
F 20	23 26	6 45	4 9	17 36	3 19	17 26	1 4	22 21	1 10	23 55	0 46	19 17	1 10	18 10	0 44	10 38	1 43	32 31	9 12	20 33	20 15	12 54			n.a.
S 21	23 30	1 41	4 47	17 39	3 13	17 47	1 2	22 12	1 9	23 54	0 46	19 18	1 10	18 10	0 44	10 38	1 43	32 31	9 12	20 33	20 16	12 53			n.a.
S 22	23 34	3s26	5 7	17 45	3 6	18 9	0 59	22 2	1 9	23 52	0 46	19 20	1 10	18 9	0 44	10 38	1 43	32 32	9 12	20 34	20 17	12 51			n.a.
M23	23 38	8 19	5 10	17 54	2 58	18 29	0 57	21 52	1 8	23 51	0 46	19 21	1 10	18 8	0 44	10 38	1 43	32 32	9 12	20 35	20 17	12 49			n.a.
T 24	23 41	12 44	4 55	18 4	2 50	18 49	0 54	21 42	1 8	23 49	0 46	19 23	1 10	18 8	0 44	10 39	1 43	32 32	9 12	20 36	20 18	12 47			n.a.
W25	23 43	16 27	4 24	18 16	2 41	19 9	0 52	21 31	1 7	23 48	0 46	19 24	1 10	18 7	0 44	10 39	1 43	32 32	9 13	20 37	20 19	12 45			n.a.
T 26	23 45	19 16	3 39	18 30	2 32	19 28	0 49	21 21	1 7	23 46	0 46	19 26	1 10	18 6	0 44	10 39	1 43	32 33	9 13	20 38	20 19	12 44			n.a.
F 27	23 47	21 3	2 44	18 45	2 22	19 47	0 46	21 10	1 6	23 45	0 46	19 27	1 10	18 5	0 44	10 39	1 43	32 33	9 13	20 39	20 20	12 42			n.a.
S 28	23 48	21 44	1 42	19 2	2 12	20 5	0 44	20 59	1 6	23 43	0 46	19 28	1 10	18 4	0 44	10 39	1 44	32 33	9 13	20 40	20 21	12 40			n.a.
S 29	23 49	21 19	0 35	19 19	2 2	20 23	0 41	20 48	1 5	23 42	0 46	19 30	1 10	18 4	0 44	10 39	1 44	32 33	9 13	20 40	20 22	12 38			n.a.
M30	23 49	19 53	0s32	19 37	1 52	20 40	0 38	20 36	1 5	23 40	0 46	19 31	1 10	18 3	0 44	10 40	1 44	32 34	9 13	20 40	20 22	12 36			n.a.
T 31	23s49	17s34	1s36	19s55	1n42	20s56	0n36	20s24	1s 4	23s39	0s46	19s33	1n10	18s 2	0s44	10n40	1n44	32n34	9n13	20n40	20n23	12s35			n.a.

Julian Day Number = 1350298.5, Delta T = 07h07m55s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'11, Lahiri = -17°59'10 Julian Calendar 1 Dec. 1017 BCE == Greg. Calendar 21 Nov. 1017 BCE

The year -1016 astronomical counting style corresponds to year 1017 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

JANUARY 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 3 29	2♉11'34	28♒41	6♐33	6♐32	5♒33	15♉54	1♐ 5	12♒30	7°R 2	10°R40	29♋ 5	0♌21	5♓ 0	n.a.	W 1
T 2	6 7 25	3°12'21	10♓30	7°28	7°46	6°19	16° 8	1°12	12°33	7♍ 1	10♋39	29° 7	0°18	5° 6	n.a.	T 2
F 3	6 11 22	4°13'06	22°20	8°26	9° 1	7° 5	16°22	1°18	12°36	7° 1	10°38	29° 8	0°14	5°13	n.a.	F 3
S 4	6 15 19	5°13'49	4♈15	9°26	10°15	7°50	16°37	1°24	12°39	7° 0	10°36	29°R 9	0°11	5°20	n.a.	S 4
S 5	6 19 15	6°14'31	16°21	10°29	11°30	8°36	16°51	1°31	12°42	7° 0	10°35	29° 8	0° 8	5°26	n.a.	S 5
M 6	6 23 12	7°15'10	28°43	11°35	12°44	9°22	17° 5	1°37	12°45	6°59	10°33	29° 7	0° 5	5°33	n.a.	M 6
T 7	6 27 8	8°15'48	11♉24	12°42	13°58	10° 7	17°20	1°43	12°48	6°59	10°32	29° 5	0° 2	5°40	n.a.	T 7
W 8	6 31 5	9°16'24	24°27	13°52	15°13	10°53	17°34	1°49	12°51	6°58	10°30	29° 2	29♋58	5°46	n.a.	W 8
T 9	6 35 1	10°16'58	7♊55	15° 4	16°27	11°39	17°48	1°55	12°54	6°57	10°29	28°59	29°55	5°53	n.a.	T 9
F 10	6 38 58	11°17'30	21°46	16°17	17°42	12°24	18° 3	2° 1	12°57	6°56	10°27	28°56	29°52	6° 0	n.a.	F 10
S 11	6 42 54	12°18'01	5♋58	17°32	18°56	13°10	18°17	2° 7	13° 0	6°56	10°26	28°55	29°49	6° 6	n.a.	S 11
S 12	6 46 51	13°18'30	20°27	18°49	20°10	13°55	18°31	2°13	13° 3	6°55	10°24	28°54	29°46	6°13	n.a.	S 12
M13	6 50 48	14°18'56	5♌ 7	20° 7	21°25	14°41	18°46	2°19	13° 6	6°54	10°23	28°D54	29°43	6°20	n.a.	M13
T 14	6 54 44	15°19'22	19°50	21°27	22°39	15°26	19° 0	2°25	13° 9	6°53	10°21	28°54	29°39	6°26	n.a.	T 14
W15	6 58 41	16°19'45	4♍31	22°47	23°54	16°11	19°14	2°30	13°12	6°52	10°20	28°55	29°36	6°33	n.a.	W15
T 16	7 2 37	17°20'07	19° 4	24°10	25° 8	16°57	19°29	2°36	13°15	6°51	10°19	28°56	29°33	6°40	n.a.	T 16
F 17	7 6 34	18°20'27	3♎24	25°33	26°22	17°42	19°43	2°42	13°18	6°51	10°17	28°57	29°30	6°46	n.a.	F 17
S 18	7 10 30	19°20'46	17°29	26°58	27°37	18°27	19°58	2°47	13°21	6°50	10°16	28°R57	29°27	6°53	n.a.	S 18
S 19	7 14 27	20°21'03	1♏18	28°24	28°51	19°12	20°12	2°53	13°25	6°49	10°14	28°57	29°24	7° 0	n.a.	S 19
M20	7 18 23	21°21'18	14°50	29°51	0♑ 5	19°58	20°27	2°58	13°28	6°48	10°13	28°57	29°20	7° 7	n.a.	M20
T 21	7 22 20	22°21'32	28° 6	1♑20	1°20	20°43	20°41	3° 4	13°31	6°47	10°11	28°56	29°17	7°13	n.a.	T 21
W22	7 26 17	23°21'44	11♐ 7	2°49	2°34	21°28	20°55	3° 9	13°34	6°46	10°10	28°55	29°14	7°20	n.a.	W22
T 23	7 30 13	24°21'55	23°54	4°20	3°49	22°13	21°10	3°14	13°38	6°44	10° 9	28°54	29°11	7°27	n.a.	T 23
F 24	7 34 10	25°22'03	6♑28	5°51	5° 3	22°58	21°24	3°20	13°41	6°43	10° 7	28°54	29° 8	7°33	n.a.	F 24
S 25	7 38 6	26°22'10	18°50	7°24	6°17	23°43	21°39	3°25	13°44	6°42	10° 6	28°54	29° 4	7°40	n.a.	S 25
S 26	7 42 3	27°22'15	1♒ 2	8°58	7°32	24°28	21°53	3°30	13°47	6°41	10° 4	28°D54	29° 1	7°47	n.a.	S 26
M27	7 45 59	28°22'17	13° 5	10°33	8°46	25°13	22° 7	3°35	13°51	6°40	10° 3	28°R54	28°58	7°53	n.a.	M27
T 28	7 49 56	29°22'18	25° 1	12° 9	10° 0	25°57	22°22	3°40	13°54	6°39	10° 2	28°54	28°55	8° 0	n.a.	T 28
W29	7 53 52	0♒22'16	6♓52	13°46	11°14	26°42	22°36	3°45	13°57	6°37	10° 0	28°54	28°52	8° 7	n.a.	W29
T 30	7 57 49	1°22'12	18°41	15°25	12°29	27°27	22°50	3°50	14° 1	6°36	9°59	28°53	28°49	8°13	n.a.	T 30
F 31	8 1 45	2♒22'05	0♈31	17♑ 4	13♑43	28♒12	23♑ 5	3♐54	14♒ 4	6♍35	9♋57	28♋53	28♋45	8♓20	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23 s48	14 s33	2 s36	20 s14	1n32	21 s12	0n33	20 s13	1 s 4	23 s37	0 s46	19 s34	1n10	18 s 1	0 s44	10n40	1n44	32n34	9n14	20n40	20n24	12 s33			n.a.
T 2	23 47	10 57	3 29	20 33	1 22	21 27	0 30	20 0	1 3	23 35	0 46	19 35	1 10	18 0	0 44	10 40	1 44	32 34	9 14	20 39	20 24	12 31			n.a.
F 3	23 45	6 57	4 13	20 53	1 12	21 42	0 28	19 48	1 3	23 34	0 46	19 37	1 10	18 0	0 44	10 40	1 44	32 35	9 14	20 39	20 25	12 29			n.a.
S 4	23 43	2 39	4 46	21 12	1 2	21 56	0 25	19 36	1 2	23 32	0 46	19 38	1 10	17 59	0 44	10 41	1 44	32 35	9 14	20 39	20 26	12 27			n.a.
S 5	23 40	1n48	5 8	21 31	0 52	22 9	0 22	19 23	1 2	23 30	0 47	19 39	1 10	17 58	0 44	10 41	1 44	32 35	9 14	20 39	20 26	12 25			n.a.
M 6	23 37	6 17	5 15	21 50	0 42	22 22	0 19	19 10	1 1	23 28	0 47	19 40	1 10	17 57	0 44	10 41	1 44	32 35	9 14	20 39	20 27	12 24			n.a.
T 7	23 33	10 36	5 8	22 8	0 33	22 34	0 17	18 57	1 1	23 27	0 47	19 42	1 10	17 56	0 44	10 42	1 44	32 36	9 14	20 40	20 28	12 22			n.a.
W 8	23 29	14 34	4 45	22 26	0 24	22 45	0 14	18 44	1 0	23 25	0 47	19 43	1 9	17 55	0 44	10 42	1 44	32 36	9 14	20 40	20 28	12 20			n.a.
T 9	23 25	17 56	4 6	22 43	0 15	22 56	0 11	18 31	1 0	23 23	0 47	19 44	1 9	17 54	0 44	10 42	1 44	32 36	9 14	20 41	20 29	12 18			n.a.
F 10	23 20	20 22	3 11	23 0	0 6	23 5	0 9	18 17	0 59	23 21	0 47	19 45	1 9	17 54	0 44	10 43	1 44	32 36	9 14	20 42	20 30	12 16			n.a.
S 11	23 14	21 37	2 4	23 16	0 s 3	23 15	0 6	18 4	0 58	23 19	0 47	19 47	1 10	17 53	0 44	10 43	1 44	32 36	9 15	20 42	20 30	12 14			n.a.
S 12	23 8	21 28	0 47	23 31	0 11	23 23	0 3	17 50	0 58	23 17	0 47	19 48	1 10	17 52	0 44	10 43	1 44	32 37	9 15	20 42	20 31	12 13			n.a.
M13	23 2	19 51	0n34	23 46	0 19	23 31	0 1	17 36	0 57	23 15	0 47	19 49	1 10	17 51	0 44	10 44	1 44	32 37	9 15	20 42	20 32	12 11			n.a.
T 14	22 55	16 53	1 54	23 59	0 27	23 38	0 s 2	17 22	0 57	23 13	0 47	19 50	1 10	17 50	0 44	10 44	1 45	32 37	9 15	20 42	20 33	12 9			n.a.
W15	22 48	12 52	3 5	24 12	0 35	23 45	0 5	17 7	0 56	23 11	0 47	19 51	1 10	17 49	0 44	10 44	1 45	32 37	9 15	20 42	20 33	12 7			n.a.
T 16	22 40	8 7	4 4	24 24	0 43	23 51	0 7	16 53	0 56	23 9	0 47	19 52	1 10	17 48	0 44	10 45	1 45	32 37	9 15	20 42	20 34	12 5			n.a.
F 17	22 32	3 0	4 46	24 34	0 50	23 56	0 10	16 38	0 55	23 7	0 47	19 53	1 10	17 47	0 44	10 45	1 45	32 38	9 15	20 41	20 35	12 3			n.a.
S 18	22 24	2 s11	5 11	24 43	0 57	24 0	0 12	16 24	0 54	23 5	0 47	19 54	1 10	17 46	0 44	10 46	1 45	32 38	9 15	20 41	20 35	12 1			n.a.
S 19	22 15	7 9	5 17	24 52	1 3	24 4	0 15	16 9	0 54	23 3	0 48	19 56	1 10	17 45	0 44	10 46	1 45	32 38	9 15	20 41	20 36	11 59			n.a.
M20	22 5	11 41	5 5	24 59	1 10	24 6	0 17	15 54	0 53	23 1	0 48	19 57	1 10	17 44	0 44	10 46	1 45	32 38	9 15	20 42	20 37	11 58			n.a.
T 21	21 56	15 33	4 37	25 4	1 16	24 8	0 20	15 39	0 53	22 59	0 48	19 58	1 10	17 43	0 44	10 47	1 45	32 38	9 15	20 42	20 37	11 56			n.a.
W22	21 45	18 35	3 55	25 8	1 21	24 10	0 22	15 24	0 52	22 57	0 48	19 59	1 10	17 42	0 44	10 47	1 45	32 38	9 15	20 42	20 38	11 54			n.a.
T 23	21 35	20 38	3 2	25 11	1 27	24 10	0 25	15 8	0 52	22 55	0 48	20 0	1 10	17 41	0 44	10 48	1 45	32 38	9 15	20 42	20 39	11 52			n.a.
F 24	21 24	21 38	2 1	25 13	1 32	24 10	0 27	14 53	0 51	22 52	0 48	20 1	1 10	17 40	0 44	10 48	1 45	32 39	9 15	20 42	20 39	11 50			n.a.
S 25	21 13	21 33	0 56	25 13	1 37	24 9	0 30	14 37	0 50	22 50	0 48	20 2	1 10	17 40	0 44	10 49	1 45	32 39	9 15	20 42	20 40	11 48			n.a.
S 26	21 1	20 26	0 s12	25 11	1 41	24 8	0 32	14 21	0 50	22 48	0 48	20 3	1 10	17 39	0 44	10 49	1 45	32 39	9 15	20 42	20 41	11 46			n.a.
M27	20 49	18 24	1 18	25 8	1 45	24 5	0 34	14 5	0 49	22 46	0 48	20 4	1 10	17 38	0 44	10 50	1 45	32 39	9 15	20 42	20 41	11 44			n.a.
T 28	20 36	15 35	2 20	25 3	1 49	24 2	0 37	13 50	0 49	22 43	0 48	20 4	1 10	17 37	0 44	10 50	1 45	32 39	9 15	20 42	20 42	11 42			n.a.
W29	20 23	12 9	3 16	24 57	1 52	23 59	0 39	13 34	0 48	22 41	0 49	20 5	1 10	17 36	0 44	10 51	1 45	32 39	9 15	20 42	20 43	11 40			n.a.
T 30	20 10	8 15	4 3	24 49	1 55	23 54	0 41	13 17	0 47	22 39	0 49	20 6	1 10	17 35	0 44	10 51	1 45	32 39	9 15	20 42	20 43	11 38			n.a.
F 31	19 s56	4 s 3	4 s40	24 s39	1 s58	23 s49	0 s43	13 s 1	0 s47	22 s36	0 s49	20 s 7	1n10	17 s34	0 s44	10n52	1n45	32n39	9n15	20n42	20n44	11 s37			n.a.

Julian Day Number = 1350329.5, Delta T = 07h07m53s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'06, Lahiri = -17°59'06 Julian Calendar 1 Jan. 1016 BCE == Greg. Calendar 22 Dec. 1017 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

FEBRUARY 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 5 42	3♒21'56	12♈27	18♉45	14♉57	28♒56	23♉19	3♐59	14♒ 7	6°R34	9°R56	28°R52	28♋42	8♓27	n.a.	S 1
S 2	8 9 39	4°21'45	24°31	20°26	16°12	29°41	23°33	4° 4	14°11	6♍32	9♋55	28♋52	28°39	8°33	n.a.	S 2
M 3	8 13 35	5°21'32	6♉49	22° 9	17°26	0♓25	23°47	4° 8	14°14	6°31	9°54	28°D52	28°36	8°40	n.a.	M 3
T 4	8 17 32	6°21'16	19°26	23°53	18°40	1°10	24° 2	4°13	14°18	6°30	9°52	28°52	28°33	8°47	n.a.	T 4
W 5	8 21 28	7°20'58	2♊24	25°38	19°54	1°54	24°16	4°17	14°21	6°28	9°51	28°53	28°30	8°53	n.a.	W 5
T 6	8 25 25	8°20'37	15°47	27°25	21° 9	2°39	24°30	4°21	14°24	6°27	9°50	28°54	28°26	9° 0	n.a.	T 6
F 7	8 29 21	9°20'14	29°37	29°12	22°23	3°23	24°44	4°26	14°28	6°25	9°48	28°55	28°23	9° 7	n.a.	F 7
S 8	8 33 18	10°19'49	13♋53	1♒ 1	23°37	4° 7	24°59	4°30	14°31	6°24	9°47	28°55	28°20	9°13	n.a.	S 8
S 9	8 37 14	11°19'21	28°32	2°51	24°51	4°52	25°13	4°34	14°35	6°23	9°46	28°R56	28°17	9°20	n.a.	S 9
M10	8 41 11	12°18'52	13♌29	4°42	26° 5	5°36	25°27	4°38	14°38	6°21	9°45	28°55	28°14	9°27	n.a.	M10
T 11	8 45 8	13°18'19	28°34	6°35	27°20	6°20	25°41	4°42	14°41	6°20	9°44	28°54	28°10	9°33	n.a.	T 11
W12	8 49 4	14°17'45	13♍40	8°29	28°34	7° 4	25°55	4°46	14°45	6°18	9°42	28°53	28° 7	9°40	n.a.	W12
T 13	8 53 1	15°17'09	28°37	10°24	29°48	7°48	26° 9	4°50	14°48	6°17	9°41	28°51	28° 4	9°47	n.a.	T 13
F 14	8 56 57	16°16'31	13♎18	12°20	1♒ 2	8°32	26°23	4°53	14°52	6°15	9°40	28°48	28° 1	9°53	n.a.	F 14
S 15	9 0 54	17°15'50	27°36	14°17	2°16	9°16	26°37	4°57	14°55	6°14	9°39	28°47	27°58	10° 0	n.a.	S 15
S 16	9 4 50	18°15'08	11♏31	16°15	3°30	10° 0	26°51	5° 0	14°59	6°12	9°38	28°46	27°55	10° 7	n.a.	S 16
M17	9 8 47	19°14'24	25° 2	18°15	4°44	10°44	27° 5	5° 4	15° 2	6°11	9°37	28°D46	27°51	10°14	n.a.	M17
T 18	9 12 43	20°13'39	8♐10	20°15	5°59	11°28	27°18	5° 7	15° 5	6° 9	9°36	28°47	27°48	10°20	n.a.	T 18
W19	9 16 40	21°12'51	20°58	22°16	7°13	12°12	27°32	5°11	15° 9	6° 7	9°35	28°48	27°45	10°27	n.a.	W19
T 20	9 20 36	22°12'01	3♑29	24°19	8°27	12°55	27°46	5°14	15°12	6° 6	9°34	28°50	27°42	10°34	n.a.	T 20
F 21	9 24 33	23°11'10	15°47	26°21	9°41	13°39	28° 0	5°17	15°16	6° 4	9°33	28°51	27°39	10°40	n.a.	F 21
S 22	9 28 30	24°10'16	27°55	28°24	10°55	14°23	28°13	5°20	15°19	6° 3	9°32	28°R52	27°35	10°47	n.a.	S 22
S 23	9 32 26	25° 9'20	9♒55	0♓28	12° 9	15° 6	28°27	5°23	15°22	6° 1	9°31	28°51	27°32	10°54	n.a.	S 23
M24	9 36 23	26° 8'23	21°49	2°31	13°23	15°50	28°41	5°26	15°26	5°59	9°30	28°49	27°29	11° 0	n.a.	M24
T 25	9 40 19	27° 7'23	3♓40	4°34	14°37	16°33	28°54	5°28	15°29	5°58	9°29	28°46	27°26	11° 7	n.a.	T 25
W26	9 44 16	28° 6'20	15°30	6°37	15°51	17°17	29° 8	5°31	15°32	5°56	9°28	28°41	27°23	11°14	n.a.	W26
T 27	9 48 12	29° 5'16	27°20	8°39	17° 6	18° 0	29°21	5°34	15°36	5°55	9°27	28°36	27°20	11°20	n.a.	T 27
F 28	9 52 9	0♓ 4'09	9♈12	10♓39	18♒20	18♓44	29♉35	5♐36	15♒39	5♍53	9♋26	28♋30	27♋16	11♓27	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s43	0n20	5s 5	24s28	2s 0	23s43	0s45	12s45	0s46	22s34	0s49	20s 8	1n10	17s33	0s44	10n52	1n45	32n39	9n15	20n42	20n45	11s35		n.a.
S 2	19 28	4 45	5 17	24 14	2 2	23 36	0 47	12 28	0 46	22 32	0 49	20 9	1 10	17 32	0 44	10 53	1 45	32 39	9 15	20 42	20 45	11 33		n.a.
M 3	19 14	9 3	5 14	23 59	2 3	23 29	0 50	12 12	0 45	22 29	0 49	20 10	1 10	17 31	0 44	10 53	1 45	32 40	9 15	20 42	20 46	11 31		n.a.
T 4	18 59	13 5	4 57	23 42	2 4	23 20	0 51	11 55	0 44	22 27	0 49	20 11	1 10	17 30	0 44	10 54	1 46	32 40	9 15	20 42	20 47	11 29		n.a.
W 5	18 43	16 38	4 25	23 23	2 5	23 12	0 53	11 39	0 44	22 24	0 49	20 11	1 10	17 29	0 44	10 54	1 46	32 40	9 15	20 42	20 47	11 27		n.a.
T 6	18 28	19 27	3 37	23 3	2 5	23 2	0 55	11 22	0 43	22 22	0 49	20 12	1 10	17 28	0 44	10 55	1 46	32 40	9 15	20 42	20 48	11 25		n.a.
F 7	18 12	21 13	2 36	22 40	2 4	22 52	0 57	11 5	0 43	22 19	0 49	20 13	1 10	17 27	0 44	10 56	1 46	32 40	9 15	20 42	20 48	11 23		n.a.
S 8	17 56	21 43	1 22	22 15	2 3	22 41	0 59	10 48	0 42	22 17	0 50	20 14	1 10	17 26	0 44	10 56	1 46	32 40	9 15	20 42	20 49	11 21		n.a.
S 9	17 39	20 44	0 2	21 48	2 2	22 29	1 1	10 31	0 41	22 15	0 50	20 14	1 10	17 25	0 44	10 57	1 46	32 40	9 15	20 42	20 50	11 19		n.a.
M10	17 22	18 19	1n20	21 20	2 0	22 17	1 2	10 14	0 41	22 12	0 50	20 15	1 10	17 24	0 44	10 57	1 46	32 40	9 14	20 42	20 50	11 17		n.a.
T 11	17 5	14 36	2 37	20 49	1 58	22 4	1 4	9 57	0 40	22 9	0 50	20 16	1 10	17 23	0 44	10 58	1 46	32 40	9 14	20 42	20 51	11 15		n.a.
W12	16 48	9 57	3 43	20 16	1 55	21 51	1 6	9 40	0 40	22 7	0 50	20 16	1 10	17 21	0 44	10 58	1 46	32 40	9 14	20 42	20 52	11 13		n.a.
T 13	16 30	4 44	4 33	19 42	1 51	21 36	1 7	9 22	0 39	22 4	0 50	20 17	1 10	17 20	0 44	10 59	1 46	32 40	9 14	20 43	20 52	11 11		n.a.
F 14	16 12	0s40	5 5	19 5	1 47	21 21	1 9	9 5	0 38	22 2	0 50	20 18	1 10	17 19	0 44	11 0	1 46	32 40	9 14	20 43	20 53	11 9		n.a.
S 15	15 54	5 53	5 16	18 26	1 42	21 6	1 10	8 48	0 38	21 59	0 50	20 18	1 10	17 18	0 44	11 0	1 46	32 40	9 14	20 44	20 54	11 7		n.a.
S 16	15 36	10 39	5 8	17 45	1 37	20 50	1 11	8 30	0 37	21 57	0 51	20 19	1 10	17 17	0 44	11 1	1 46	32 40	9 14	20 44	20 54	11 5		n.a.
M17	15 17	14 44	4 44	17 3	1 31	20 33	1 13	8 13	0 36	21 54	0 51	20 20	1 10	17 16	0 44	11 1	1 46	32 40	9 14	20 44	20 55	11 3		n.a.
T 18	14 58	17 59	4 4	16 18	1 25	20 16	1 14	7 56	0 36	21 51	0 51	20 20	1 10	17 15	0 44	11 2	1 46	32 40	9 14	20 44	20 56	11 1		n.a.
W19	14 39	20 17	3 14	15 32	1 18	19 58	1 15	7 38	0 35	21 49	0 51	20 21	1 10	17 14	0 44	11 3	1 46	32 40	9 14	20 43	20 56	10 59		n.a.
T 20	14 20	21 31	2 15	14 44	1 11	19 40	1 16	7 20	0 35	21 46	0 51	20 21	1 10	17 13	0 44	11 3	1 46	32 40	9 14	20 43	20 57	10 57		n.a.
F 21	14 0	21 41	1 11	13 54	1 2	19 21	1 17	7 3	0 34	21 43	0 51	20 22	1 10	17 12	0 44	11 4	1 46	32 40	9 14	20 43	20 58	10 55		n.a.
S 22	13 40	20 49	0 5	13 3	0 54	19 1	1 18	6 45	0 33	21 41	0 51	20 22	1 11	17 11	0 44	11 4	1 46	32 40	9 13	20 43	20 58	10 53		n.a.
S 23	13 20	19 1	1s 0	12 11	0 45	18 41	1 19	6 28	0 33	21 38	0 52	20 23	1 11	17 10	0 44	11 5	1 46	32 40	9 13	20 43	20 59	10 51		n.a.
M24	13 0	16 23	2 3	11 17	0 35	18 21	1 20	6 10	0 32	21 35	0 52	20 23	1 11	17 9	0 44	11 6	1 46	32 40	9 13	20 43	20 59	10 49		n.a.
T 25	12 40	13 6	2 59	10 22	0 25	18 0	1 21	5 52	0 31	21 33	0 52	20 24	1 11	17 8	0 44	11 6	1 46	32 40	9 13	20 44	21 0	10 47		n.a.
W26	12 19	9 18	3 48	9 26	0 14	17 38	1 22	5 34	0 31	21 30	0 52	20 24	1 11	17 7	0 44	11 7	1 46	32 40	9 13	20 45	21 1	10 45		n.a.
T 27	11 58	5 9	4 27	8 30	0 3	17 16	1 23	5 17	0 30	21 27	0 52	20 24	1 11	17 6	0 44	11 8	1 46	32 40	9 13	20 46	21 1	10 43		n.a.
F 28	11s37	0s48	4s55	7s34	0n 8	16s53	1s23	4s59	0s30	21s25	0s52	20s25	1n11	17s 5	0s44	11n 8	1n46	32n40	9n13	20n47	21n 2	10s41		n.a.

Julian Day Number = 1350360.5, Delta T = 07h07m52s
Ecliptic obliquity = 23°48'54, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°06'02, Lahiri = -17°59'02 Julian Calendar 1 Feb. 1016 BCE == Greg. Calendar 22 Jan. 1016 BCE

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

MARCH 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 5	1♓ 3'00	21♈10	12♓38	19♒34	19♓27	29♉48	5♐39	15♒42	5°R51	9°R26	28°R25	27♋13	11♓34	n.a.	S 1
S 2	10 0 2	2° 1'48	3♉17	14°35	20°48	20°10	0♒ 1	5°41	15°46	5♍50	9♋25	28♋21	27°10	11°40	n.a.	S 2
M 3	10 3 58	3° 0'35	15°34	16°30	22° 2	20°53	0°14	5°43	15°49	5°48	9°24	28°18	27° 7	11°47	n.a.	M 3
T 4	10 7 55	3°59'19	28° 7	18°22	23°16	21°37	0°28	5°45	15°52	5°46	9°23	28°16	27° 4	11°54	n.a.	T 4
W 5	10 11 52	4°58'00	10♊59	20°11	24°30	22°20	0°41	5°47	15°56	5°45	9°23	28°D16	27° 1	12° 0	n.a.	W 5
T 6	10 15 48	5°56'39	24°14	21°57	25°44	23° 3	0°54	5°49	15°59	5°43	9°22	28°17	26°57	12° 7	n.a.	T 6
F 7	10 19 45	6°55'16	7♋55	23°40	26°58	23°46	1° 7	5°51	16° 2	5°41	9°21	28°19	26°54	12°14	n.a.	F 7
S 8	10 23 41	7°53'51	22° 3	25°18	28°12	24°29	1°20	5°53	16° 5	5°40	9°21	28°R20	26°51	12°20	n.a.	S 8
S 9	10 27 38	8°52'23	6♌38	26°52	29°26	25°12	1°33	5°54	16° 9	5°38	9°20	28°20	26°48	12°27	n.a.	S 9
M10	10 31 34	9°50'53	21°34	28°22	0♓40	25°54	1°45	5°56	16°12	5°37	9°19	28°18	26°45	12°34	n.a.	M10
T 11	10 35 31	10°49'20	6♍46	29°47	1°54	26°37	1°58	5°57	16°15	5°35	9°19	28°14	26°41	12°41	n.a.	T 11
W12	10 39 27	11°47'46	22° 4	1♈ 7	3° 7	27°20	2°11	5°59	16°18	5°33	9°18	28° 8	26°38	12°47	n.a.	W12
T 13	10 43 24	12°46'10	7♎16	2°23	4°21	28° 3	2°24	6° 0	16°21	5°32	9°18	28° 2	26°35	12°54	n.a.	T 13
F 14	10 47 21	13°44'31	22°14	3°33	5°35	28°45	2°36	6° 1	16°24	5°30	9°17	27°55	26°32	13° 1	n.a.	F 14
S 15	10 51 17	14°42'51	6♏48	4°38	6°49	29°28	2°49	6° 2	16°28	5°28	9°17	27°49	26°29	13° 7	n.a.	S 15
S 16	10 55 14	15°41'10	20°54	5°38	8° 3	0♈11	3° 1	6° 3	16°31	5°27	9°16	27°45	26°26	13°14	n.a.	S 16
M17	10 59 10	16°39'26	4♐31	6°32	9°17	0°53	3°13	6° 4	16°34	5°25	9°16	27°42	26°22	13°21	n.a.	M17
T 18	11 3 7	17°37'41	17°41	7°21	10°31	1°36	3°26	6° 5	16°37	5°24	9°15	27°D41	26°19	13°27	n.a.	T 18
W19	11 7 3	18°35'55	0♑26	8° 5	11°45	2°18	3°38	6° 6	16°40	5°22	9°15	27°42	26°16	13°34	n.a.	W19
T 20	11 11 0	19°34'07	12°52	8°43	12°59	3° 0	3°50	6° 6	16°43	5°20	9°15	27°43	26°13	13°41	n.a.	T 20
F 21	11 14 56	20°32'17	25° 2	9°15	14°13	3°43	4° 2	6° 7	16°46	5°19	9°14	27°R44	26°10	13°47	n.a.	F 21
S 22	11 18 53	21°30'25	7♒ 1	9°41	15°26	4°25	4°14	6° 7	16°49	5°17	9°14	27°43	26° 7	13°54	n.a.	S 22
S 23	11 22 49	22°28'32	18°54	10° 2	16°40	5° 7	4°26	6° 8	16°52	5°16	9°14	27°41	26° 3	14° 1	n.a.	S 23
M24	11 26 46	23°26'37	0♓43	10°18	17°54	5°49	4°38	6° 8	16°55	5°14	9°14	27°36	26° 0	14° 7	n.a.	M24
T 25	11 30 43	24°24'41	12°32	10°28	19° 8	6°32	4°49	6° 8	16°58	5°13	9°14	27°29	25°57	14°14	n.a.	T 25
W26	11 34 39	25°22'42	24°22	10°R32	20°22	7°14	5° 1	6°R 8	17° 0	5°11	9°13	27°20	25°54	14°21	n.a.	W26
T 27	11 38 36	26°20'42	6♈16	10°31	21°36	7°56	5°13	6° 8	17° 3	5°10	9°13	27° 9	25°51	14°28	n.a.	T 27
F 28	11 42 32	27°18'40	18°14	10°25	22°50	8°38	5°24	6° 8	17° 6	5° 8	9°13	26°57	25°47	14°34	n.a.	F 28
S 29	11 46 29	28°16'36	0♉19	10°14	24° 3	9°20	5°35	6° 7	17° 9	5° 7	9°13	26°46	25°44	14°41	n.a.	S 29
S 30	11 50 25	29°14'31	12°33	9°59	25°17	10° 2	5°47	6° 7	17°12	5° 5	9°13	26°37	25°41	14°48	n.a.	S 30
M31	11 54 22	0♈12'24	24♉56	9♈39	26♓31	10♈44	5♒58	6♐ 6	17♒14	5♍ 4	9°D13	26♋29	25♋38	14♓54	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s16	3n37	5s 9	6s37	0n20	16s30	1s24	4s41	0s29	21s22	0s52	20s25	1n11	17s 4	0s44	11n 9	1n46	32n39	9n13	20n48	21n 3	10s39		n.a.
S 2	10 55	7 56	5 11	5 41	0 31	16 7	1 24	4 23	0 28	21 19	0 53	20 26	1 11	17 3	0 44	11 10	1 46	32 39	9 12	20 49	21 3	10 37		n.a.
M 3	10 34	12 1	4 58	4 45	0 43	15 43	1 25	4 5	0 28	21 17	0 53	20 26	1 11	17 2	0 44	11 10	1 46	32 39	9 12	20 50	21 4	10 35		n.a.
T 4	10 12	15 39	4 31	3 49	0 55	15 19	1 25	3 47	0 27	21 14	0 53	20 26	1 11	17 1	0 44	11 11	1 46	32 39	9 12	20 50	21 4	10 33		n.a.
W 5	9 50	18 39	3 50	2 55	1 7	14 54	1 26	3 30	0 26	21 11	0 53	20 27	1 11	17 0	0 44	11 11	1 46	32 39	9 12	20 50	21 5	10 31		n.a.
T 6	9 28	20 46	2 55	2 2	1 19	14 29	1 26	3 12	0 26	21 8	0 53	20 27	1 11	16 59	0 44	11 12	1 46	32 39	9 12	20 50	21 6	10 29		n.a.
F 7	9 6	21 46	1 49	1 11	1 30	14 4	1 26	2 54	0 25	21 6	0 53	20 27	1 11	16 58	0 44	11 13	1 46	32 39	9 12	20 49	21 6	10 27		n.a.
S 8	8 44	21 25	0 34	0 21	1 41	13 38	1 26	2 36	0 25	21 3	0 54	20 27	1 11	16 57	0 44	11 13	1 46	32 39	9 12	20 49	21 7	10 25		n.a.
S 9	8 22	19 38	0n45	0n27	1 52	13 12	1 26	2 18	0 24	21 0	0 54	20 28	1 11	16 56	0 44	11 14	1 46	32 39	9 11	20 49	21 8	10 23		n.a.
M10	8 0	16 28	2 3	1 12	2 2	12 45	1 26	2 0	0 23	20 57	0 54	20 28	1 11	16 56	0 44	11 14	1 46	32 39	9 11	20 50	21 8	10 21		n.a.
T 11	7 37	12 9	3 13	1 56	2 12	12 18	1 26	1 43	0 23	20 55	0 54	20 28	1 11	16 55	0 44	11 15	1 46	32 39	9 11	20 50	21 9	10 19		n.a.
W12	7 15	7 1	4 10	2 36	2 21	11 51	1 26	1 25	0 22	20 52	0 54	20 28	1 11	16 54	0 44	11 16	1 46	32 38	9 11	20 52	21 9	10 17		n.a.
T 13	6 52	1 29	4 49	3 15	2 30	11 24	1 26	1 7	0 21	20 49	0 54	20 29	1 11	16 53	0 44	11 16	1 46	32 38	9 11	20 53	21 10	10 15		n.a.
F 14	6 29	4s 3	5 7	3 50	2 38	10 56	1 26	0 49	0 21	20 46	0 55	20 29	1 11	16 52	0 44	11 17	1 46	32 38	9 11	20 54	21 11	10 13		n.a.
S 15	6 7	9 12	5 5	4 23	2 45	10 28	1 25	0 31	0 20	20 44	0 55	20 29	1 11	16 51	0 44	11 18	1 46	32 38	9 10	20 55	21 11	10 11		n.a.
S 16	5 44	13 42	4 44	4 52	2 51	9 59	1 25	0 14	0 20	20 41	0 55	20 29	1 12	16 50	0 44	11 18	1 46	32 38	9 10	20 56	21 12	10 9		n.a.
M17	5 21	17 19	4 8	5 19	2 56	9 31	1 24	0n 4	0 19	20 38	0 55	20 29	1 12	16 49	0 44	11 19	1 46	32 38	9 10	20 57	21 13	10 7		n.a.
T 18	4 58	19 56	3 19	5 43	3 0	9 2	1 24	0 22	0 18	20 35	0 55	20 29	1 12	16 48	0 44	11 19	1 46	32 38	9 10	20 57	21 13	10 5		n.a.
W19	4 35	21 27	2 22	6 3	3 4	8 33	1 23	0 40	0 18	20 33	0 56	20 29	1 12	16 47	0 44	11 20	1 46	32 37	9 10	20 57	21 14	10 3		n.a.
T 20	4 12	21 52	1 19	6 20	3 6	8 4	1 23	0 57	0 17	20 30	0 56	20 29	1 12	16 46	0 44	11 21	1 46	32 37	9 10	20 57	21 14	10 1		n.a.
F 21	3 48	21 13	0 15	6 34	3 7	7 34	1 22	1 15	0 16	20 27	0 56	20 29	1 12	16 45	0 44	11 21	1 46	32 37	9 9	20 56	21 15	9 58		n.a.
S 22	3 25	19 37	0s50	6 45	3 7	7 4	1 21	1 32	0 16	20 25	0 56	20 29	1 12	16 44	0 44	11 22	1 46	32 37	9 9	20 57	21 16	9 56		n.a.
S 23	3 2	17 9	1 51	6 52	3 6	6 34	1 21	1 50	0 15	20 22	0 56	20 29	1 12	16 44	0 44	11 22	1 46	32 37	9 9	20 57	21 16	9 54		n.a.
M24	2 39	14 0	2 47	6 56	3 3	6 4	1 20	2 8	0 15	20 19	0 57	20 29	1 12	16 43	0 44	11 23	1 46	32 37	9 9	20 58	21 17	9 52		n.a.
T 25	2 15	10 17	3 36	6 57	3 0	5 34	1 19	2 25	0 14	20 17	0 57	20 29	1 12	16 42	0 44	11 23	1 46	32 37	9 9	20 59	21 17	9 50		n.a.
W26	1 52	6 10	4 16	6 54	2 55	5 4	1 18	2 43	0 13	20 14	0 57	20 29	1 12	16 41	0 44	11 24	1 46	32 36	9 9	21 1	21 18	9 48		n.a.
T 27	1 29	1 49	4 44	6 48	2 48	4 33	1 17	3 0	0 13	20 11	0 57	20 29	1 12	16 40	0 44	11 25	1 46	32 36	9 8	21 3	21 19	9 46		n.a.
F 28	1 5	2n39	5 0	6 39	2 41	4 3	1 16	3 17	0 12	20 9	0 57	20 29	1 12	16 39	0 44	11 25	1 46	32 36	9 8	21 6	21 19	9 44		n.a.
S 29	0 42	7 2	5 3	6 27	2 32	3 32	1 15	3 35	0 11	20 6	0 58	20 29	1 12	16 38	0 44	11 26	1 46	32 36	9 8	21 8	21 20	9 42		n.a.
S 30	0 18	11 13	4 52	6 11	2 22	3 1	1 13	3 52	0 11	20 3	0 58	20 29	1 12	16 38	0 44	11 26	1 46	32 36	9 8	21 10	21 20	9 40		n.a.
M31	0n 5	14n58	4s27	5n53	2n11	2s30	1s12	4n 9	0s10	20s 1	0s58	20s29	1n12	16s37	0s44	11n27	1n46	32n36	9n 8	21n11	21n21	9s37		n.a.

Julian Day Number = 1350388.5, Delta T = 07h07m50s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'58, Lahiri = -17°58'58 Julian Calendar 1 March 1016 BCE == Greg. Calendar 19 Feb. 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

APRIL 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 58 18	1♈10'14	7♊32	9°R15	27♓45	11♈25	6♒ 9	6°R 6	17♒17	5°R 2	9♋13	26°R25	25♋35	15♓ 1	n.a.	T 1
W 2	12 2 15	2° 8'03	20°23	8♈48	28°59	12° 7	6°20	6♐ 5	17°20	5♍ 1	9°13	26♋22	25°32	15° 8	n.a.	W 2
T 3	12 6 12	3° 5'50	3♋34	8°18	0♈12	12°49	6°31	6° 4	17°22	4°59	9°13	26°D21	25°28	15°14	n.a.	T 3
F 4	12 10 8	4° 3'36	17° 6	7°45	1°26	13°31	6°42	6° 4	17°25	4°58	9°13	26°22	25°25	15°21	n.a.	F 4
S 5	12 14 5	5° 1'19	1♌ 3	7°11	2°40	14°12	6°52	6° 3	17°27	4°57	9°13	26°R22	25°22	15°28	n.a.	S 5
S 6	12 18 1	5°59'01	15°24	6°35	3°54	14°54	7° 3	6° 2	17°30	4°55	9°13	26°21	25°19	15°34	n.a.	S 6
M 7	12 21 58	6°56'40	0♍ 9	5°59	5° 7	15°35	7°13	6° 0	17°32	4°54	9°14	26°17	25°16	15°41	n.a.	M 7
T 8	12 25 54	7°54'18	15°11	5°24	6°21	16°17	7°24	5°59	17°35	4°53	9°14	26°11	25°12	15°48	n.a.	T 8
W 9	12 29 51	8°51'55	0♎23	4°48	7°35	16°58	7°34	5°58	17°37	4°51	9°14	26° 3	25° 9	15°55	n.a.	W 9
T 10	12 33 47	9°49'30	15°34	4°14	8°49	17°40	7°44	5°56	17°40	4°50	9°14	25°53	25° 6	16° 1	n.a.	T 10
F 11	12 37 44	10°47'03	0♏35	3°42	10° 2	18°21	7°54	5°55	17°42	4°49	9°14	25°42	25° 3	16° 8	n.a.	F 11
S 12	12 41 40	11°44'35	15°15	3°13	11°16	19° 2	8° 4	5°53	17°44	4°47	9°15	25°33	25° 0	16°15	n.a.	S 12
S 13	12 45 37	12°42'07	29°29	2°46	12°30	19°44	8°14	5°52	17°47	4°46	9°15	25°25	24°57	16°21	n.a.	S 13
M14	12 49 34	13°39'37	13♐13	2°23	13°44	20°25	8°24	5°50	17°49	4°45	9°16	25°20	24°53	16°28	n.a.	M14
T 15	12 53 30	14°37'06	26°28	2° 3	14°57	21° 6	8°33	5°48	17°51	4°44	9°16	25°17	24°50	16°35	n.a.	T 15
W16	12 57 27	15°34'34	9♑16	1°47	16°11	21°47	8°43	5°46	17°53	4°43	9°16	25°16	24°47	16°41	n.a.	W16
T 17	13 1 23	16°32'01	21°42	1°35	17°25	22°28	8°52	5°44	17°55	4°42	9°17	25°16	24°44	16°48	n.a.	T 17
F 18	13 5 20	17°29'28	3♒51	1°27	18°38	23° 9	9° 1	5°42	17°58	4°40	9°17	25°15	24°41	16°55	n.a.	F 18
S 19	13 9 16	18°26'53	15°49	1°D24	19°52	23°51	9°10	5°40	18° 0	4°39	9°18	25°14	24°38	17° 1	n.a.	S 19
S 20	13 13 13	19°24'17	27°40	1°25	21° 6	24°31	9°19	5°38	18° 2	4°38	9°18	25°11	24°34	17° 8	n.a.	S 20
M21	13 17 9	20°21'41	9♓28	1°31	22°19	25°12	9°28	5°35	18° 4	4°37	9°19	25° 5	24°31	17°15	n.a.	M21
T 22	13 21 6	21°19'03	21°18	1°42	23°33	25°53	9°37	5°33	18° 6	4°36	9°19	24°56	24°28	17°22	n.a.	T 22
W23	13 25 3	22°16'25	3♈11	1°56	24°47	26°34	9°46	5°30	18° 8	4°35	9°20	24°44	24°25	17°28	n.a.	W23
T 24	13 28 59	23°13'46	15°12	2°16	26° 0	27°15	9°54	5°28	18° 9	4°34	9°21	24°31	24°22	17°35	n.a.	T 24
F 25	13 32 56	24°11'05	27°19	2°39	27°14	27°56	10° 3	5°25	18°11	4°33	9°21	24°18	24°18	17°42	n.a.	F 25
S 26	13 36 52	25° 8'24	9♉36	3° 7	28°28	28°37	10°11	5°22	18°13	4°32	9°22	24° 4	24°15	17°48	n.a.	S 26
S 27	13 40 49	26° 5'42	22° 2	3°39	29°42	29°17	10°19	5°19	18°15	4°32	9°23	23°53	24°12	17°55	n.a.	S 27
M28	13 44 45	27° 2'59	4♊37	4°16	0♉55	29°58	10°27	5°16	18°16	4°31	9°24	23°43	24° 9	18° 2	n.a.	M28
T 29	13 48 42	28° 0'15	17°25	4°56	2° 9	0♉39	10°35	5°13	18°18	4°30	9°24	23°37	24° 6	18° 8	n.a.	T 29
W30	13 52 38	28♈57'29	0♋24	5♈40	3♉23	1♉19	10♒42	5♐10	18♒20	4♍29	9♋25	23♋33	24♋ 3	18♓15	n.a.	W30

Day	☉		☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n28	18n 8	3s49	5n32	1n59	1s59	1s11	4n26	0s10	19s58	0s58	20s29	1n12	16s36	0s44	11n27	1n46	32n35	9n 7	21n12	21n22	9s35		n.a.
W 2	0 52	20 29	2 59	5 9	1 46	1 28	1 9	4 44	0 9	19 56	0 58	20 29	1 12	16 35	0 44	11 28	1 46	32 35	9 7	21 13	21 22	9 33		n.a.
T 3	1 15	21 48	1 58	4 44	1 31	0 57	1 8	5 1	0 8	19 53	0 59	20 28	1 12	16 34	0 44	11 28	1 46	32 35	9 7	21 13	21 23	9 31		n.a.
F 4	1 38	21 53	0 49	4 17	1 16	0 26	1 7	5 18	0 8	19 50	0 59	20 28	1 12	16 34	0 44	11 29	1 46	32 35	9 7	21 13	21 23	9 29		n.a.
S 5	2 2	20 39	0n25	3 49	1 1	0n 5	1 5	5 35	0 7	19 48	0 59	20 28	1 12	16 33	0 44	11 29	1 46	32 35	9 7	21 13	21 24	9 27		n.a.
S 6	2 25	18 3	1 39	3 20	0 44	0 36	1 3	5 52	0 7	19 45	0 59	20 28	1 12	16 32	0 44	11 30	1 46	32 34	9 7	21 13	21 25	9 25		n.a.
M 7	2 48	14 14	2 49	2 50	0 28	1 7	1 2	6 8	0 6	19 43	1 0	20 28	1 12	16 31	0 44	11 30	1 46	32 34	9 6	21 14	21 25	9 23		n.a.
T 8	3 11	9 26	3 48	2 20	0 11	1 39	1 0	6 25	0 5	19 40	1 0	20 27	1 12	16 31	0 44	11 31	1 46	32 34	9 6	21 15	21 26	9 21		n.a.
W 9	3 34	4 0	4 32	1 51	0s 6	2 10	0 59	6 42	0 5	19 38	1 0	20 27	1 12	16 30	0 44	11 31	1 46	32 34	9 6	21 16	21 26	9 18		n.a.
T 10	3 57	1s40	4 57	1 21	0 23	2 41	0 57	6 58	0 4	19 36	1 0	20 27	1 12	16 29	0 45	11 32	1 46	32 34	9 6	21 18	21 27	9 16		n.a.
F 11	4 20	7 10	5 1	0 53	0 40	3 12	0 55	7 15	0 3	19 33	1 1	20 27	1 13	16 28	0 45	11 32	1 46	32 33	9 6	21 20	21 27	9 14		n.a.
S 12	4 43	12 8	4 44	0 26	0 56	3 43	0 53	7 32	0 3	19 31	1 1	20 26	1 13	16 28	0 45	11 32	1 46	32 33	9 5	21 22	21 28	9 12		n.a.
S 13	5 6	16 17	4 11	0 1	1 12	4 14	0 51	7 48	0 2	19 28	1 1	20 26	1 13	16 27	0 45	11 33	1 46	32 33	9 5	21 23	21 29	9 10		n.a.
M14	5 28	19 23	3 23	0s22	1 27	4 44	0 49	8 4	0 2	19 26	1 1	20 26	1 13	16 26	0 45	11 33	1 46	32 33	9 5	21 24	21 29	9 8		n.a.
T 15	5 51	21 20	2 26	0 43	1 42	5 15	0 47	8 21	0 1	19 24	1 1	20 25	1 13	16 26	0 45	11 34	1 46	32 32	9 5	21 25	21 30	9 6		n.a.
W16	6 13	22 6	1 24	1 2	1 55	5 46	0 46	8 37	0 0	19 21	1 2	20 25	1 13	16 25	0 45	11 34	1 46	32 32	9 5	21 25	21 30	9 3		n.a.
T 17	6 36	21 43	0 19	1 19	2 8	6 16	0 44	8 53	0n 0	19 19	1 2	20 24	1 13	16 24	0 45	11 34	1 46	32 32	9 4	21 25	21 31	9 1		n.a.
F 18	6 58	20 20	0s45	1 33	2 20	6 47	0 41	9 9	0 1	19 17	1 2	20 24	1 13	16 24	0 45	11 35	1 46	32 32	9 4	21 25	21 32	8 59		n.a.
S 19	7 20	18 2	1 47	1 44	2 31	7 17	0 39	9 25	0 1	19 15	1 2	20 24	1 13	16 23	0 45	11 35	1 46	32 32	9 4	21 25	21 32	8 57		n.a.
S 20	7 43	15 1	2 42	1 53	2 41	7 47	0 37	9 41	0 2	19 13	1 3	20 23	1 13	16 23	0 45	11 36	1 46	32 31	9 4	21 26	21 33	8 55		n.a.
M21	8 5	11 23	3 31	1 58	2 50	8 17	0 35	9 57	0 3	19 10	1 3	20 23	1 13	16 22	0 45	11 36	1 46	32 31	9 4	21 27	21 33	8 53		n.a.
T 22	8 26	7 20	4 10	2 1	2 57	8 46	0 33	10 12	0 3	19 8	1 3	20 22	1 13	16 21	0 45	11 36	1 46	32 31	9 4	21 29	21 34	8 50		n.a.
W23	8 48	2 58	4 39	2 2	3 4	9 16	0 31	10 28	0 4	19 6	1 4	20 22	1 13	16 21	0 45	11 37	1 45	32 31	9 3	21 31	21 34	8 48		n.a.
T 24	9 10	1n32	4 56	1 59	3 10	9 45	0 29	10 43	0 4	19 4	1 4	20 21	1 13	16 20	0 45	11 37	1 45	32 31	9 3	21 33	21 35	8 46		n.a.
F 25	9 31	6 2	4 59	1 54	3 15	10 14	0 26	10 59	0 5	19 2	1 4	20 21	1 13	16 20	0 45	11 37	1 45	32 30	9 3	21 36	21 36	8 44		n.a.
S 26	9 53	10 21	4 49	1 46	3 19	10 43	0 24	11 14	0 6	19 0	1 4	20 20	1 13	16 19	0 45	11 38	1 45	32 30	9 3	21 38	21 36	8 42		n.a.
S 27	10 14	14 18	4 25	1 36	3 22	11 12	0 22	11 29	0 6	18 58	1 5	20 20	1 13	16 19	0 45	11 38	1 45	32 30	9 3	21 40	21 37	8 39		n.a.
M28	10 35	17 40	3 48	1 24	3 24	11 40	0 20	11 44	0 7	18 56	1 5	20 19	1 13	16 18	0 45	11 38	1 45	32 30	9 3	21 42	21 37	8 37		n.a.
T 29	10 56	20 15	2 58	1 8	3 25	12 8	0 17	11 59	0 7	18 54	1 5	20 19	1 13	16 18	0 45	11 38	1 45	32 29	9 2	21 43	21 38	8 35		n.a.
W30	11n16	21n50	1s59	0s51	3s25	12n36	0s15	12n14	0n 8	18s52	1s 5	20s18	1n13	16s17	0s45	11n39	1n45	32n29	9n 2	21n43	21n38	8s33		n.a.

Julian Day Number = 1350419.5, Delta T = 07h07m49s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'54, Lahiri = -17°58'54 Julian Calendar 1 Apr. 1016 BCE == Greg. Calendar 22 March 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

MAY 1016 BCE (-1015) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 56 35	29♈54'43	13♋39	6♈28	4♉36	2♉ 0	10♒50	5°R 7	18♒21	4°R28	9♋26	23°R32	23♋59	18♓22	n.a.	T 1
F 2	14 0 32	0♉51'56	27°10	7°20	5°50	2°40	10°57	5♐ 4	18°23	4♍28	9°27	23♋32	23°56	18°29	n.a.	F 2
S 3	14 4 28	1°49'08	11♌ 0	8°15	7° 3	3°21	11° 4	5° 1	18°24	4°27	9°28	23°32	23°53	18°35	n.a.	S 3
S 4	14 8 25	2°46'18	25°10	9°14	8°17	4° 1	11°11	4°57	18°26	4°26	9°29	23°30	23°50	18°42	n.a.	S 4
M 5	14 12 21	3°43'28	9♍38	10°17	9°31	4°41	11°18	4°54	18°27	4°25	9°29	23°27	23°47	18°49	n.a.	M 5
T 6	14 16 18	4°40'36	24°21	11°23	10°44	5°22	11°25	4°51	18°29	4°25	9°30	23°21	23°43	18°55	n.a.	T 6
W 7	14 20 14	5°37'44	9♎15	12°32	11°58	6° 2	11°32	4°47	18°30	4°24	9°31	23°12	23°40	19° 2	n.a.	W 7
T 8	14 24 11	6°34'51	24°10	13°44	13°12	6°42	11°38	4°44	18°31	4°24	9°32	23° 2	23°37	19° 9	n.a.	T 8
F 9	14 28 8	7°31'58	8♏58	15° 0	14°25	7°23	11°45	4°40	18°32	4°23	9°33	22°52	23°34	19°15	n.a.	F 9
S 10	14 32 4	8°29'04	23°30	16°19	15°39	8° 3	11°51	4°36	18°34	4°23	9°34	22°42	23°31	19°22	n.a.	S 10
S 11	14 36 1	9°26'10	7♐40	17°41	16°52	8°43	11°57	4°33	18°35	4°22	9°36	22°34	23°28	19°29	n.a.	S 11
M12	14 39 57	10°23'16	21°24	19° 7	18° 6	9°23	12° 3	4°29	18°36	4°22	9°37	22°28	23°24	19°36	n.a.	M12
T 13	14 43 54	11°20'21	4♑40	20°35	19°20	10° 3	12° 8	4°25	18°37	4°21	9°38	22°24	23°21	19°42	n.a.	T 13
W14	14 47 50	12°17'26	17°31	22° 7	20°33	10°43	12°14	4°21	18°38	4°21	9°39	22°D23	23°18	19°49	n.a.	W14
T 15	14 51 47	13°14'31	29°59	23°42	21°47	11°23	12°19	4°17	18°39	4°20	9°40	22°23	23°15	19°56	n.a.	T 15
F 16	14 55 43	14°11'36	12♒11	25°20	23° 1	12° 3	12°24	4°13	18°40	4°20	9°41	22°R24	23°12	20° 2	n.a.	F 16
S 17	14 59 40	15° 8'41	24°11	27° 0	24°14	12°43	12°29	4° 9	18°40	4°20	9°42	22°23	23° 9	20° 9	n.a.	S 17
S 18	15 3 37	16° 5'46	6♓ 3	28°44	25°28	13°23	12°34	4° 5	18°41	4°20	9°44	22°21	23° 5	20°16	n.a.	S 18
M19	15 7 33	17° 2'52	17°53	0♉31	26°41	14° 3	12°39	4° 1	18°42	4°19	9°45	22°17	23° 2	20°22	n.a.	M19
T 20	15 11 30	17°59'57	29°45	2°20	27°55	14°43	12°44	3°57	18°43	4°19	9°46	22°10	22°59	20°29	n.a.	T 20
W21	15 15 26	18°57'02	11♈44	4°12	29° 9	15°22	12°48	3°53	18°43	4°19	9°47	22° 2	22°56	20°36	n.a.	W21
T 22	15 19 23	19°54'07	23°51	6° 7	0♊22	16° 2	12°52	3°49	18°44	4°19	9°49	21°51	22°53	20°43	n.a.	T 22
F 23	15 23 19	20°51'12	6♉ 9	8° 4	1°36	16°42	12°56	3°44	18°45	4°19	9°50	21°40	22°49	20°49	n.a.	F 23
S 24	15 27 16	21°48'18	18°39	10° 3	2°49	17°22	13° 0	3°40	18°45	4°19	9°51	21°30	22°46	20°56	n.a.	S 24
S 25	15 31 12	22°45'23	1♊21	12° 5	4° 3	18° 1	13° 4	3°36	18°46	4°18	9°53	21°20	22°43	21° 3	n.a.	S 25
M26	15 35 9	23°42'29	14°15	14° 9	5°17	18°41	13° 7	3°31	18°46	4°D18	9°54	21°13	22°40	21° 9	n.a.	M26
T 27	15 39 6	24°39'34	27°21	16°14	6°30	19°20	13°10	3°27	18°46	4°18	9°56	21° 8	22°37	21°16	n.a.	T 27
W28	15 43 2	25°36'40	10♋38	18°21	7°44	20° 0	13°13	3°23	18°47	4°19	9°57	21° 6	22°34	21°23	n.a.	W28
T 29	15 46 59	26°33'45	24° 7	20°29	8°58	20°40	13°16	3°18	18°47	4°19	9°58	21°D 6	22°30	21°29	n.a.	T 29
F 30	15 50 55	27°30'51	7♌48	22°37	10°11	21°19	13°19	3°14	18°47	4°19	10° 0	21° 6	22°27	21°36	n.a.	F 30
S 31	15 54 52	28♉27'56	21♌41	24♉47	11♊25	21♉59	13♒21	3♐10	18♒47	4♍19	10♋ 1	21°R 7	22♋24	21♓43	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n37	22n14	0s52	0s31	3s25	13n 3	0s13	12n29	0n 8	18s51	1s 6	20s18	1n13	16s17	0s45	11n39	1n45	32n29	9n 2	21n44	21n39	8s31			n.a.
F 2	11 57	21 22	0n19	0 9	3 23	13 31	0 10	12 44	0 9	18 49	1 6	20 17	1 13	16 16	0 45	11 39	1 45	32 29	9 2	21 44	21 39	8 28			n.a.
S 3	12 18	19 12	1 31	0n15	3 21	13 58	0 8	12 58	0 10	18 47	1 6	20 17	1 13	16 16	0 45	11 39	1 45	32 28	9 2	21 44	21 40	8 26			n.a.
S 4	12 38	15 50	2 39	0 41	3 18	14 24	0 6	13 13	0 10	18 45	1 7	20 16	1 13	16 16	0 45	11 40	1 45	32 28	9 2	21 44	21 41	8 24			n.a.
M 5	12 57	11 26	3 38	1 9	3 15	14 50	0 3	13 27	0 11	18 44	1 7	20 15	1 13	16 15	0 45	11 40	1 45	32 28	9 1	21 45	21 41	8 22			n.a.
T 6	13 17	6 18	4 24	1 40	3 10	15 16	0 1	13 42	0 11	18 42	1 7	20 15	1 13	16 15	0 45	11 40	1 45	32 28	9 1	21 46	21 42	8 20			n.a.
W 7	13 36	0 45	4 52	2 12	3 5	15 41	0n 2	13 56	0 12	18 40	1 7	20 14	1 13	16 14	0 45	11 40	1 45	32 28	9 1	21 47	21 42	8 17			n.a.
T 8	13 55	4s51	5 1	2 45	2 59	16 6	0 4	14 10	0 13	18 39	1 8	20 14	1 13	16 14	0 45	11 40	1 45	32 27	9 1	21 49	21 43	8 15			n.a.
F 9	14 14	10 8	4 50	3 21	2 53	16 31	0 6	14 24	0 13	18 37	1 8	20 13	1 13	16 14	0 46	11 41	1 45	32 27	9 1	21 51	21 43	8 13			n.a.
S 10	14 33	14 45	4 19	3 58	2 46	16 55	0 9	14 38	0 14	18 36	1 8	20 12	1 13	16 13	0 46	11 41	1 45	32 27	9 1	21 52	21 44	8 11			n.a.
S 11	14 52	18 25	3 34	4 37	2 39	17 19	0 11	14 51	0 14	18 34	1 9	20 12	1 13	16 13	0 46	11 41	1 45	32 27	9 0	21 54	21 44	8 9			n.a.
M12	15 10	20 56	2 37	5 17	2 30	17 42	0 14	15 5	0 15	18 33	1 9	20 11	1 13	16 13	0 46	11 41	1 45	32 26	9 0	21 55	21 45	8 6			n.a.
T 13	15 28	22 11	1 33	5 59	2 22	18 5	0 16	15 18	0 15	18 32	1 9	20 10	1 13	16 12	0 46	11 41	1 45	32 26	9 0	21 55	21 46	8 4			n.a.
W14	15 46	22 13	0 26	6 42	2 13	18 28	0 18	15 32	0 16	18 30	1 10	20 10	1 13	16 12	0 46	11 41	1 45	32 26	9 0	21 55	21 46	8 2			n.a.
T 15	16 4	21 8	0s40	7 26	2 3	18 50	0 21	15 45	0 17	18 29	1 10	20 9	1 12	16 12	0 46	11 41	1 45	32 26	9 0	21 55	21 47	8 0			n.a.
F 16	16 21	19 4	1 43	8 11	1 54	19 11	0 23	15 58	0 17	18 28	1 10	20 8	1 12	16 12	0 46	11 41	1 44	32 25	9 0	21 55	21 47	7 57			n.a.
S 17	16 38	16 11	2 41	8 58	1 43	19 32	0 25	16 11	0 18	18 27	1 11	20 7	1 12	16 11	0 46	11 41	1 44	32 25	9 0	21 55	21 48	7 55			n.a.
S 18	16 55	12 41	3 30	9 45	1 33	19 52	0 28	16 23	0 18	18 26	1 11	20 7	1 12	16 11	0 46	11 41	1 44	32 25	8 59	21 56	21 48	7 53			n.a.
M19	17 11	8 42	4 11	10 33	1 22	20 12	0 30	16 36	0 19	18 25	1 11	20 6	1 12	16 11	0 46	11 42	1 44	32 25	8 59	21 56	21 49	7 51			n.a.
T 20	17 28	4 23	4 41	11 22	1 11	20 32	0 32	16 49	0 19	18 24	1 11	20 5	1 12	16 11	0 46	11 42	1 44	32 25	8 59	21 57	21 49	7 48			n.a.
W21	17 44	0n 8	4 59	12 11	1 0	20 51	0 34	17 1	0 20	18 23	1 12	20 4	1 12	16 11	0 46	11 42	1 44	32 24	8 59	21 59	21 50	7 46			n.a.
T 22	17 59	4 42	5 3	13 1	0 48	21 9	0 37	17 13	0 21	18 22	1 12	20 4	1 12	16 10	0 46	11 42	1 44	32 24	8 59	22 1	21 50	7 44			n.a.
F 23	18 15	9 10	4 54	13 50	0 37	21 26	0 39	17 26	0 21	18 21	1 12	20 3	1 12	16 10	0 46	11 42	1 44	32 24	8 59	22 2	21 51	7 42			n.a.
S 24	18 30	13 19	4 31	14 40	0 25	21 43	0 41	17 38	0 22	18 20	1 13	20 2	1 12	16 10	0 46	11 42	1 44	32 24	8 59	22 4	21 52	7 39			n.a.
S 25	18 45	16 57	3 53	15 29	0 14	22 0	0 43	17 49	0 22	18 20	1 13	20 1	1 12	16 10	0 46	11 42	1 44	32 23	8 59	22 6	21 52	7 37			n.a.
M26	19 0	19 50	3 4	16 17	0 3	22 16	0 45	18 1	0 23	18 19	1 13	20 1	1 12	16 10	0 46	11 42	1 44	32 23	8 58	22 7	21 53	7 35			n.a.
T 27	19 14	21 44	2 4	17 5	0n 8	22 31	0 48	18 13	0 23	18 18	1 14	20 0	1 12	16 10	0 46	11 41	1 44	32 23	8 58	22 7	21 53	7 33			n.a.
W28	19 28	22 27	0 56	17 52	0 19	22 46	0 50	18 24	0 24	18 18	1 14	19 59	1 12	16 10	0 46	11 41	1 44	32 23	8 58	22 8	21 54	7 30			n.a.
T 29	19 41	21 54	0n16	18 37	0 29	23 0	0 52	18 35	0 24	18 17	1 14	19 58	1 12	16 10	0 46	11 41	1 44	32 22	8 58	22 8	21 54	7 28			n.a.
F 30	19 55	20 2	1 29	19 21	0 39	23 13	0 54	18 46	0 25	18 17	1 15	19 58	1 12	16 10	0 46	11 41	1 44	32 22	8 58	22 8	21 55	7 26			n.a.
S 31	20n 8	16n58	2n37	20n 3	0n49	23n25	0n56	18n57	0n26	18s16	1s15	19s57	1n12	16s10	0s46	11n41	1n44	32n22	8n58	22n 8	21n55	7s23			n.a.

Julian Day Number = 1350449.5, Delta T = 07h07m47s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'50, Lahiri = -17°58'50 Julian Calendar 1 May 1016 BCE == Greg. Calendar 21 Apr. 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

JUNE 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 58 48	29♉25'01	5♍46	26♉56	12♊38	22♉38	13♒24	3°R 5	18♒48	4♍19	10♋ 3	21°R 7	22♋21	21♓50	n.a.	S 1
M 2	16 2 45	0♊22'06	20° 2	29° 6	13°52	23°17	13°26	3♐ 1	18°48	4°19	10° 4	21♋ 5	22°18	21°56	n.a.	M 2
T 3	16 6 42	1°19'11	4♎27	1♊15	15° 6	23°57	13°28	2°57	18°R48	4°19	10° 6	21° 2	22°15	22° 3	n.a.	T 3
W 4	16 10 38	2°16'17	18°57	3°24	16°19	24°36	13°30	2°52	18°48	4°20	10° 7	20°56	22°11	22°10	n.a.	W 4
T 5	16 14 35	3°13'22	3♏27	5°32	17°33	25°15	13°31	2°48	18°48	4°20	10° 9	20°50	22° 8	22°16	n.a.	T 5
F 6	16 18 31	4°10'28	17°50	7°39	18°46	25°55	13°33	2°43	18°47	4°20	10°11	20°42	22° 5	22°23	n.a.	F 6
S 7	16 22 28	5° 7'34	2♐ 2	9°46	20° 0	26°34	13°34	2°39	18°47	4°21	10°12	20°36	22° 2	22°30	n.a.	S 7
S 8	16 26 24	6° 4'40	15°56	11°50	21°13	27°13	13°35	2°34	18°47	4°21	10°14	20°30	21°59	22°37	n.a.	S 8
M 9	16 30 21	7° 1'48	29°29	13°54	22°27	27°52	13°36	2°30	18°47	4°22	10°15	20°26	21°55	22°43	n.a.	M 9
T 10	16 34 17	7°58'55	12♑40	15°56	23°41	28°31	13°36	2°26	18°47	4°22	10°17	20°24	21°52	22°50	n.a.	T 10
W11	16 38 14	8°56'04	25°28	17°56	24°54	29°11	13°37	2°21	18°46	4°23	10°19	20°D24	21°49	22°57	n.a.	W11
T 12	16 42 11	9°53'14	7♒57	19°55	26° 8	29°50	13°37	2°17	18°46	4°23	10°20	20°25	21°46	23° 3	n.a.	T 12
F 13	16 46 7	10°50'24	20°10	21°53	27°21	0♊29	13°R37	2°13	18°45	4°24	10°22	20°27	21°43	23°10	n.a.	F 13
S 14	16 50 4	11°47'35	2♓11	23°48	28°35	1° 8	13°37	2° 8	18°45	4°24	10°24	20°28	21°40	23°17	n.a.	S 14
S 15	16 54 0	12°44'47	14° 5	25°42	29°48	1°47	13°37	2° 4	18°44	4°25	10°25	20°R29	21°36	23°23	n.a.	S 15
M16	16 57 57	13°42'00	25°57	27°34	1♋ 2	2°26	13°36	2° 0	18°44	4°26	10°27	20°28	21°33	23°30	n.a.	M16
T 17	17 1 53	14°39'15	7♈52	29°24	2°16	3° 5	13°35	1°55	18°43	4°26	10°29	20°25	21°30	23°37	n.a.	T 17
W18	17 5 50	15°36'30	19°53	1♋13	3°29	3°44	13°34	1°51	18°43	4°27	10°31	20°22	21°27	23°44	n.a.	W18
T 19	17 9 46	16°33'46	2♉ 6	3° 0	4°43	4°23	13°33	1°47	18°42	4°28	10°32	20°17	21°24	23°50	n.a.	T 19
F 20	17 13 43	17°31'04	14°32	4°45	5°56	5° 1	13°32	1°43	18°41	4°28	10°34	20°11	21°21	23°57	n.a.	F 20
S 21	17 17 40	18°28'22	27°14	6°29	7°10	5°40	13°30	1°39	18°40	4°29	10°36	20° 6	21°17	24° 4	n.a.	S 21
S 22	17 21 36	19°25'42	10♊12	8°11	8°23	6°19	13°29	1°35	18°39	4°30	10°38	20° 1	21°14	24°10	n.a.	S 22
M23	17 25 33	20°23'02	23°26	9°51	9°37	6°58	13°27	1°31	18°38	4°31	10°40	19°58	21°11	24°17	n.a.	M23
T 24	17 29 29	21°20'24	6♋54	11°29	10°51	7°37	13°25	1°27	18°38	4°32	10°41	19°56	21° 8	24°24	n.a.	T 24
W25	17 33 26	22°17'47	20°36	13° 6	12° 4	8°15	13°22	1°23	18°37	4°33	10°43	19°D55	21° 5	24°31	n.a.	W25
T 26	17 37 22	23°15'10	4♌28	14°41	13°18	8°54	13°20	1°19	18°35	4°34	10°45	19°56	21° 1	24°37	n.a.	T 26
F 27	17 41 19	24°12'35	18°29	16°14	14°31	9°33	13°17	1°15	18°34	4°35	10°47	19°57	20°58	24°44	n.a.	F 27
S 28	17 45 16	25°10'00	2♍36	17°46	15°45	10°12	13°14	1°11	18°33	4°36	10°49	19°59	20°55	24°51	n.a.	S 28
S 29	17 49 12	26° 7'26	16°47	19°16	16°58	10°50	13°11	1° 7	18°32	4°37	10°50	20° 0	20°52	24°57	n.a.	S 29
M30	17 53 9	27♊ 4'53	1♎ 0	20♋44	18♋12	11♊29	13♒ 8	1♐ 3	18♒31	4♍38	10♋52	20°R 0	20♋49	25♓ 4	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n21	12n53	3n36	20n43	0n58	23n37	0n58	19n 8	0n26	18s16	1s15	19s56	1n12	16s10	0s46	11n41	1n44	32n22	8n58	22n 8	21n56	7s21		n.a.
M 2	20 33	8 2	4 24	21 21	1 6	23 49	1 0	19 19	0 27	18 15	1 16	19 55	1 11	16 10	0 46	11 41	1 44	32 22	8 58	22 8	21 56	7 19		n.a.
T 3	20 45	2 42	4 55	21 56	1 14	23 59	1 2	19 29	0 27	18 15	1 16	19 54	1 11	16 10	0 47	11 41	1 44	32 21	8 58	22 8	21 57	7 17		n.a.
W 4	20 57	2s48	5 7	22 29	1 21	24 9	1 3	19 40	0 28	18 15	1 16	19 54	1 11	16 10	0 47	11 41	1 44	32 21	8 58	22 9	21 57	7 14		n.a.
T 5	21 8	8 10	5 0	22 59	1 27	24 18	1 5	19 50	0 28	18 15	1 17	19 53	1 11	16 10	0 47	11 40	1 43	32 21	8 58	22 10	21 58	7 12		n.a.
F 6	21 19	13 2	4 34	23 27	1 33	24 27	1 7	20 0	0 29	18 15	1 17	19 52	1 11	16 10	0 47	11 40	1 43	32 21	8 57	22 11	21 58	7 10		n.a.
S 7	21 29	17 7	3 51	23 52	1 38	24 34	1 9	20 10	0 29	18 15	1 17	19 51	1 11	16 10	0 47	11 40	1 43	32 21	8 57	22 13	21 59	7 7		n.a.
S 8	21 40	20 9	2 55	24 15	1 42	24 41	1 10	20 20	0 30	18 15	1 18	19 51	1 11	16 10	0 47	11 40	1 43	32 20	8 57	22 13	21 59	7 5		n.a.
M 9	21 49	21 58	1 51	24 34	1 46	24 48	1 12	20 29	0 30	18 15	1 18	19 50	1 11	16 10	0 47	11 40	1 43	32 20	8 57	22 14	22 0	7 3		n.a.
T 10	21 59	22 30	0 42	24 51	1 49	24 53	1 13	20 39	0 31	18 15	1 18	19 49	1 11	16 10	0 47	11 39	1 43	32 20	8 57	22 14	22 0	7 1		n.a.
W11	22 8	21 50	0s27	25 6	1 51	24 58	1 15	20 48	0 31	18 15	1 19	19 48	1 11	16 10	0 47	11 39	1 43	32 20	8 57	22 14	22 1	6 58		n.a.
T 12	22 17	20 5	1 34	25 17	1 52	25 2	1 16	20 57	0 32	18 15	1 19	19 47	1 11	16 11	0 47	11 39	1 43	32 20	8 57	22 14	22 1	6 56		n.a.
F 13	22 25	17 26	2 35	25 27	1 53	25 5	1 18	21 6	0 33	18 16	1 19	19 47	1 11	16 11	0 47	11 39	1 43	32 19	8 57	22 14	22 2	6 54		n.a.
S 14	22 33	14 5	3 28	25 33	1 53	25 8	1 19	21 15	0 33	18 16	1 20	19 46	1 10	16 11	0 47	11 38	1 43	32 19	8 57	22 14	22 2	6 51		n.a.
S 15	22 41	10 12	4 11	25 38	1 53	25 9	1 21	21 23	0 34	18 17	1 20	19 45	1 10	16 11	0 47	11 38	1 43	32 19	8 57	22 14	22 3	6 49		n.a.
M16	22 48	5 57	4 43	25 40	1 52	25 10	1 22	21 32	0 34	18 17	1 20	19 44	1 10	16 11	0 47	11 38	1 43	32 19	8 57	22 14	22 4	6 47		n.a.
T 17	22 55	1 29	5 4	25 39	1 51	25 11	1 23	21 40	0 35	18 18	1 21	19 44	1 10	16 12	0 47	11 38	1 43	32 19	8 57	22 14	22 4	6 44		n.a.
W18	23 1	3n 6	5 11	25 37	1 48	25 10	1 24	21 48	0 35	18 18	1 21	19 43	1 10	16 12	0 47	11 37	1 43	32 18	8 57	22 15	22 5	6 42		n.a.
T 19	23 7	7 38	5 5	25 33	1 46	25 9	1 25	21 56	0 36	18 19	1 21	19 42	1 10	16 12	0 47	11 37	1 43	32 18	8 57	22 15	22 5	6 40		n.a.
F 20	23 13	11 56	4 44	25 26	1 43	25 7	1 26	22 4	0 36	18 20	1 22	19 41	1 10	16 12	0 47	11 37	1 43	32 18	8 57	22 16	22 6	6 37		n.a.
S 21	23 18	15 49	4 9	25 18	1 39	25 4	1 27	22 11	0 37	18 20	1 22	19 41	1 10	16 13	0 47	11 36	1 43	32 18	8 57	22 17	22 6	6 35		n.a.
S 22	23 23	19 2	3 20	25 8	1 35	25 0	1 28	22 19	0 37	18 21	1 22	19 40	1 10	16 13	0 47	11 36	1 43	32 18	8 57	22 18	22 7	6 33		n.a.
M23	23 28	21 19	2 20	24 57	1 30	24 56	1 29	22 26	0 38	18 22	1 23	19 39	1 9	16 13	0 47	11 36	1 43	32 18	8 57	22 18	22 7	6 30		n.a.
T 24	23 32	22 27	1 11	24 44	1 25	24 51	1 30	22 33	0 38	18 23	1 23	19 39	1 9	16 14	0 47	11 35	1 43	32 17	8 57	22 19	22 8	6 28		n.a.
W25	23 35	22 16	0n 4	24 29	1 20	24 45	1 30	22 40	0 39	18 24	1 23	19 38	1 9	16 14	0 47	11 35	1 42	32 17	8 57	22 19	22 8	6 26		n.a.
T 26	23 38	20 43	1 19	24 13	1 14	24 39	1 31	22 47	0 39	18 25	1 24	19 37	1 9	16 14	0 47	11 34	1 42	32 17	8 57	22 19	22 9	6 23		n.a.
F 27	23 41	17 54	2 30	23 56	1 8	24 31	1 31	22 53	0 40	18 26	1 24	19 37	1 9	16 15	0 47	11 34	1 42	32 17	8 57	22 18	22 9	6 21		n.a.
S 28	23 44	14 1	3 33	23 37	1 1	24 23	1 32	23 0	0 40	18 27	1 24	19 36	1 9	16 15	0 47	11 34	1 42	32 17	8 57	22 18	22 10	6 19		n.a.
S 29	23 45	9 20	4 23	23 18	0 54	24 15	1 32	23 6	0 41	18 28	1 25	19 35	1 9	16 16	0 48	11 33	1 42	32 17	8 57	22 18	22 10	6 16		n.a.
M30	23n47	4n 8	4n58	22n57	0n47	24n 5	1n33	23n12	0n41	18s30	1s25	19s35	1n 8	16s16	0s48	11n33	1n42	32n16	8n57	22n18	22n11	6s14		n.a.

Julian Day Number = 1350480.5, Delta T = 07h07m46s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'46, Lahiri = -17°58'45 Julian Calendar 1 June 1016 BCE == Greg. Calendar 22 May 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

JULY 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 57 5	28♊ 2'21	15♎13	22♋10	19♋25	12♊ 7	13°R 5	1°R 0	18°R30	4♍39	10♋54	19°R59	20♋46	25♓11	n.a.	T 1
W 2	18 1 2	28°59'50	29°23	23°35	20°39	12°46	13♒ 1	0♐56	18♒28	4°40	10°56	19♋57	20°42	25°18	n.a.	W 2
T 3	18 4 58	29°57'20	13♏28	24°57	21°52	13°25	12°57	0°52	18°27	4°41	10°58	19°55	20°39	25°24	n.a.	T 3
F 4	18 8 55	0♋54'51	27°24	26°18	23° 6	14° 3	12°53	0°49	18°26	4°42	11° 0	19°52	20°36	25°31	n.a.	F 4
S 5	18 12 51	1°52'23	11♐ 8	27°37	24°19	14°42	12°49	0°45	18°24	4°44	11° 2	19°50	20°33	25°38	n.a.	S 5
S 6	18 16 48	2°49'56	24°39	28°55	25°33	15°20	12°45	0°42	18°23	4°45	11° 4	19°48	20°30	25°44	n.a.	S 6
M 7	18 20 45	3°47'31	7♑53	0♌10	26°46	15°58	12°40	0°39	18°21	4°46	11° 5	19°47	20°27	25°51	n.a.	M 7
T 8	18 24 41	4°45'07	20°49	1°23	27°59	16°37	12°36	0°35	18°20	4°47	11° 7	19°D46	20°23	25°58	n.a.	T 8
W 9	18 28 38	5°42'45	3♒29	2°34	29°13	17°15	12°31	0°32	18°18	4°49	11° 9	19°47	20°20	26° 4	n.a.	W 9
T 10	18 32 34	6°40'25	15°54	3°43	0♌26	17°54	12°26	0°29	18°17	4°50	11°11	19°48	20°17	26°11	n.a.	T 10
F 11	18 36 31	7°38'06	28° 5	4°49	1°40	18°32	12°21	0°26	18°15	4°52	11°13	19°49	20°14	26°18	n.a.	F 11
S 12	18 40 27	8°35'48	10♓ 5	5°53	2°53	19°10	12°15	0°23	18°13	4°53	11°15	19°50	20°11	26°25	n.a.	S 12
S 13	18 44 24	9°33'33	22° 0	6°55	4° 6	19°49	12°10	0°20	18°12	4°54	11°17	19°51	20° 7	26°31	n.a.	S 13
M14	18 48 20	10°31'19	3♈52	7°54	5°20	20°27	12° 4	0°17	18°10	4°56	11°19	19°51	20° 4	26°38	n.a.	M14
T 15	18 52 17	11°29'07	15°47	8°50	6°33	21° 5	11°59	0°15	18° 8	4°57	11°21	19°R51	20° 1	26°45	n.a.	T 15
W16	18 56 14	12°26'57	27°49	9°43	7°47	21°43	11°53	0°12	18° 6	4°59	11°22	19°51	19°58	26°51	n.a.	W16
T 17	19 0 10	13°24'49	10♉ 3	10°34	9° 0	22°22	11°47	0° 9	18° 5	5° 0	11°24	19°50	19°55	26°58	n.a.	T 17
F 18	19 4 7	14°22'42	22°32	11°21	10°13	23° 0	11°40	0° 7	18° 3	5° 2	11°26	19°50	19°52	27° 5	n.a.	F 18
S 19	19 8 3	15°20'38	5♊20	12° 4	11°27	23°38	11°34	0° 4	18° 1	5° 3	11°28	19°49	19°48	27°12	n.a.	S 19
S 20	19 12 0	16°18'36	18°29	12°44	12°40	24°16	11°28	0° 2	17°59	5° 5	11°30	19°49	19°45	27°18	n.a.	S 20
M21	19 15 56	17°16'35	1♋58	13°20	13°53	24°54	11°21	29♏59	17°57	5° 7	11°32	19°48	19°42	27°25	n.a.	M21
T 22	19 19 53	18°14'37	15°47	13°52	15° 6	25°32	11°14	29°57	17°55	5° 8	11°34	19°D48	19°39	27°32	n.a.	T 22
W23	19 23 49	19°12'40	29°54	14°20	16°20	26°11	11° 8	29°55	17°53	5°10	11°36	19°48	19°36	27°38	n.a.	W23
T 24	19 27 46	20°10'45	14♌14	14°43	17°33	26°49	11° 1	29°53	17°51	5°12	11°38	19°R48	19°33	27°45	n.a.	T 24
F 25	19 31 43	21° 8'52	28°41	15° 1	18°46	27°27	10°54	29°51	17°49	5°13	11°40	19°48	19°29	27°52	n.a.	F 25
S 26	19 35 39	22° 7'00	13♍12	15°14	19°59	28° 5	10°47	29°49	17°47	5°15	11°41	19°48	19°26	27°59	n.a.	S 26
S 27	19 39 36	23° 5'10	27°39	15°21	21°13	28°43	10°39	29°48	17°45	5°17	11°43	19°48	19°23	28° 5	n.a.	S 27
M28	19 43 32	24° 3'21	12♎ 1	15°R22	22°26	29°21	10°32	29°46	17°43	5°19	11°45	19°48	19°20	28°12	n.a.	M28
T 29	19 47 29	25° 1'34	26°12	15°18	23°39	29°59	10°25	29°44	17°40	5°20	11°47	19°D48	19°17	28°19	n.a.	T 29
W30	19 51 25	25°59'48	10♏12	15° 7	24°52	0♋37	10°17	29°43	17°38	5°22	11°49	19°48	19°13	28°25	n.a.	W30
T 31	19 55 22	26♋58'04	23♏58	14♌50	26♌ 5	1♋14	10♒10	29♏41	17♒36	5♍24	11♋51	19♋48	19♋10	28♓32	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	1s16	5n14	22n36	0n39	23n55	1n33	23n17	0n42	18s31	1s25	19s34	1n 8	16s16	0s48	11n32	1n42	32n16	8n57	22n18	22n11	6s12			n.a.
W 2	23 49	6 36	5 10	22 14	0 31	23 44	1 33	23 23	0 42	18 32	1 26	19 33	1 8	16 17	0 48	11 32	1 42	32 16	8 57	22 18	22 11	6 9			n.a.
T 3	23 49	11 33	4 49	21 51	0 23	23 33	1 33	23 29	0 43	18 34	1 26	19 33	1 8	16 17	0 48	11 31	1 42	32 16	8 57	22 19	22 12	6 7			n.a.
F 4	23 49	15 50	4 10	21 27	0 14	23 20	1 33	23 34	0 43	18 35	1 26	19 32	1 8	16 18	0 48	11 31	1 42	32 16	8 57	22 19	22 12	6 4			n.a.
S 5	23 48	19 13	3 17	21 3	0 5	23 7	1 33	23 39	0 44	18 37	1 27	19 32	1 8	16 18	0 48	11 30	1 42	32 16	8 57	22 19	22 13	6 2			n.a.
S 6	23 47	21 28	2 14	20 38	0s 4	22 54	1 33	23 44	0 44	18 38	1 27	19 31	1 8	16 19	0 48	11 30	1 42	32 16	8 57	22 20	22 13	6 0			n.a.
M 7	23 46	22 29	1 5	20 13	0 13	22 39	1 33	23 48	0 45	18 40	1 27	19 30	1 7	16 19	0 48	11 29	1 42	32 15	8 57	22 20	22 14	5 57			n.a.
T 8	23 44	22 16	0s 6	19 48	0 23	22 24	1 33	23 53	0 45	18 41	1 27	19 30	1 7	16 20	0 48	11 29	1 42	32 15	8 57	22 20	22 14	5 55			n.a.
W 9	23 41	20 54	1 15	19 22	0 32	22 9	1 33	23 57	0 46	18 43	1 28	19 29	1 7	16 20	0 48	11 28	1 42	32 15	8 57	22 20	22 15	5 53			n.a.
T 10	23 39	18 32	2 20	18 57	0 42	21 53	1 32	24 1	0 46	18 45	1 28	19 29	1 7	16 21	0 48	11 28	1 42	32 15	8 57	22 20	22 15	5 50			n.a.
F 11	23 35	15 23	3 16	18 31	0 52	21 36	1 32	24 5	0 47	18 46	1 28	19 28	1 7	16 21	0 48	11 27	1 42	32 15	8 57	22 20	22 16	5 48			n.a.
S 12	23 32	11 39	4 4	18 5	1 3	21 18	1 31	24 9	0 47	18 48	1 29	19 28	1 7	16 22	0 48	11 27	1 42	32 15	8 57	22 19	22 16	5 45			n.a.
S 13	23 28	7 30	4 40	17 39	1 13	21 0	1 31	24 13	0 48	18 50	1 29	19 27	1 7	16 22	0 48	11 26	1 42	32 15	8 57	22 19	22 17	5 43			n.a.
M14	23 23	3 5	5 5	17 14	1 24	20 41	1 30	24 16	0 48	18 52	1 29	19 27	1 6	16 23	0 48	11 25	1 42	32 15	8 57	22 19	22 17	5 41			n.a.
T 15	23 19	1n27	5 16	16 49	1 34	20 22	1 29	24 19	0 49	18 54	1 29	19 27	1 6	16 24	0 48	11 25	1 42	32 14	8 57	22 19	22 18	5 38			n.a.
W16	23 13	5 59	5 14	16 24	1 45	20 2	1 29	24 22	0 49	18 56	1 30	19 26	1 6	16 24	0 48	11 24	1 42	32 14	8 57	22 19	22 18	5 36			n.a.
T 17	23 8	10 22	4 57	16 0	1 56	19 42	1 28	24 25	0 50	18 58	1 30	19 26	1 6	16 25	0 48	11 24	1 42	32 14	8 57	22 19	22 19	5 34			n.a.
F 18	23 2	14 24	4 27	15 37	2 7	19 21	1 27	24 28	0 50	19 0	1 30	19 25	1 6	16 25	0 48	11 23	1 42	32 14	8 58	22 19	22 19	5 31			n.a.
S 19	22 55	17 53	3 42	15 15	2 17	19 0	1 26	24 30	0 51	19 2	1 30	19 25	1 6	16 26	0 48	11 22	1 41	32 14	8 58	22 20	22 20	5 29			n.a.
S 20	22 48	20 34	2 45	14 53	2 28	18 38	1 25	24 33	0 51	19 4	1 31	19 25	1 5	16 27	0 48	11 22	1 41	32 14	8 58	22 20	22 20	5 26			n.a.
M21	22 41	22 11	1 37	14 33	2 39	18 15	1 24	24 35	0 52	19 6	1 31	19 24	1 5	16 27	0 48	11 21	1 41	32 14	8 58	22 20	22 21	5 24			n.a.
T 22	22 33	22 30	0 22	14 13	2 49	17 52	1 22	24 37	0 52	19 8	1 31	19 24	1 5	16 28	0 48	11 21	1 41	32 14	8 58	22 20	22 21	5 22			n.a.
W23	22 25	21 24	0n56	13 55	3 0	17 29	1 21	24 38	0 53	19 10	1 31	19 24	1 5	16 28	0 48	11 20	1 41	32 14	8 58	22 20	22 22	5 19			n.a.
T 24	22 16	18 55	2 11	13 39	3 10	17 5	1 20	24 40	0 53	19 12	1 31	19 23	1 5	16 29	0 48	11 19	1 41	32 14	8 58	22 20	22 22	5 17			n.a.
F 25	22 7	15 13	3 19	13 25	3 19	16 40	1 18	24 41	0 54	19 14	1 32	19 23	1 5	16 30	0 48	11 19	1 41	32 14	8 58	22 20	22 22	5 14			n.a.
S 26	21 58	10 37	4 15	13 12	3 29	16 15	1 17	24 42	0 54	19 17	1 32	19 23	1 4	16 30	0 48	11 18	1 41	32 14	8 58	22 20	22 23	5 12			n.a.
S 27	21 48	5 25	4 54	13 1	3 37	15 50	1 15	24 43	0 55	19 19	1 32	19 23	1 4	16 31	0 48	11 17	1 41	32 14	8 59	22 20	22 23	5 9			n.a.
M28	21 38	0s 1	5 14	12 53	3 46	15 25	1 14	24 44	0 55	19 21	1 32	19 22	1 4	16 32	0 48	11 17	1 41	32 13	8 59	22 20	22 24	5 7			n.a.
T 29	21 28	5 23	5 15	12 47	3 53	14 58	1 12	24 45	0 56	19 23	1 32	19 22	1 4	16 33	0 48	11 16	1 41	32 13	8 59	22 20	22 24	5 5			n.a.
W30	21 17	10 24	4 57	12 44	4 0	14 32	1 10	24 45	0 56	19 25	1 33	19 22	1 4	16 33	0 48	11 15	1 41	32 13	8 59	22 20	22 25	5 2			n.a.
T 31	21n 6	14s49	4n22	12n44	4s 5	14n 5	1n 8	24n45	0n57	19s28	1s33	19s22	1n 4	16s34	0s48	11n14	1n41	32n13	8n59	22n20	22n25	5s 0			n.a.

Julian Day Number = 1350510.5, Delta T = 07h07m44s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'42, Lahiri = -17°58'41 Julian Calendar 1 July 1016 BCE == Greg. Calendar 21 June 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

AUGUST 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 59 18	27♋56'22	7♐30	14°R27	27♌18	1♋52	10°R 2	29°R40	17°R34	5♍26	11♋53	19♋49	19♋ 7	28♓39	n.a.	F 1
S 2	20 3 15	28°54'42	20°49	13♌57	28°31	2°30	9♒54	29♏39	17♒32	5°28	11°54	19°50	19° 4	28°46	n.a.	S 2
S 3	20 7 12	29°53'03	3♑54	13°20	29°45	3° 8	9°47	29°38	17°29	5°30	11°56	19°50	19° 1	28°52	n.a.	S 3
M 4	20 11 8	0♌51'27	16°46	12°38	0♍58	3°46	9°39	29°37	17°27	5°32	11°58	19°R51	18°58	28°59	n.a.	M 4
T 5	20 15 5	1°49'52	29°25	11°50	2°11	4°24	9°31	29°36	17°25	5°34	12° 0	19°51	18°54	29° 6	n.a.	T 5
W 6	20 19 1	2°48'19	11♒51	10°57	3°24	5° 1	9°23	29°35	17°23	5°35	12° 2	19°50	18°51	29°12	n.a.	W 6
T 7	20 22 58	3°46'48	24° 7	10° 0	4°37	5°39	9°15	29°34	17°20	5°37	12° 3	19°48	18°48	29°19	n.a.	T 7
F 8	20 26 54	4°45'20	6♓13	9° 0	5°49	6°17	9° 7	29°34	17°18	5°39	12° 5	19°46	18°45	29°26	n.a.	F 8
S 9	20 30 51	5°43'53	18°11	7°58	7° 2	6°55	8°59	29°33	17°16	5°41	12° 7	19°44	18°42	29°33	n.a.	S 9
S 10	20 34 47	6°42'29	0♈ 4	6°55	8°15	7°32	8°51	29°32	17°13	5°43	12° 9	19°41	18°38	29°39	n.a.	S 10
M11	20 38 44	7°41'07	11°56	5°53	9°28	8°10	8°43	29°32	17°11	5°45	12°11	19°39	18°35	29°46	n.a.	M11
T 12	20 42 40	8°39'48	23°49	4°54	10°41	8°48	8°35	29°32	17° 8	5°47	12°12	19°38	18°32	29°53	n.a.	T 12
W13	20 46 37	9°38'30	5♉50	3°58	11°54	9°25	8°27	29°32	17° 6	5°49	12°14	19°D37	18°29	29°59	n.a.	W13
T 14	20 50 34	10°37'15	18° 1	3° 8	13° 7	10° 3	8°19	29°D32	17° 4	5°51	12°16	19°37	18°26	0♈ 6	n.a.	T 14
F 15	20 54 30	11°36'03	0♊27	2°24	14°19	10°41	8°11	29°32	17° 1	5°54	12°17	19°38	18°23	0°13	n.a.	F 15
S 16	20 58 27	12°34'53	13°14	1°49	15°32	11°18	8° 3	29°32	16°59	5°56	12°19	19°39	18°19	0°20	n.a.	S 16
S 17	21 2 23	13°33'46	26°24	1°21	16°45	11°56	7°55	29°32	16°57	5°58	12°21	19°41	18°16	0°26	n.a.	S 17
M18	21 6 20	14°32'40	9♋59	1° 3	17°58	12°33	7°47	29°32	16°54	6° 0	12°23	19°42	18°13	0°33	n.a.	M18
T 19	21 10 16	15°31'38	24° 0	0°D55	19°10	13°11	7°40	29°33	16°52	6° 2	12°24	19°R42	18°10	0°40	n.a.	T 19
W20	21 14 13	16°30'37	8♌24	0°58	20°23	13°49	7°32	29°33	16°49	6° 4	12°26	19°41	18° 7	0°47	n.a.	W20
T 21	21 18 9	17°29'39	23° 6	1°10	21°36	14°26	7°24	29°34	16°47	6° 6	12°27	19°39	18° 4	0°53	n.a.	T 21
F 22	21 22 6	18°28'42	8♍ 1	1°32	22°48	15° 4	7°16	29°35	16°44	6° 8	12°29	19°35	18° 0	1° 0	n.a.	F 22
S 23	21 26 3	19°27'48	22°58	2° 3	24° 1	15°41	7° 9	29°35	16°42	6°11	12°31	19°31	17°57	1° 7	n.a.	S 23
S 24	21 29 59	20°26'56	7♎49	2°44	25°13	16°18	7° 1	29°36	16°40	6°13	12°32	19°27	17°54	1°13	n.a.	S 24
M25	21 33 56	21°26'05	22°28	3°33	26°26	16°56	6°53	29°37	16°37	6°15	12°34	19°23	17°51	1°20	n.a.	M25
T 26	21 37 52	22°25'17	6♏49	4°30	27°38	17°33	6°46	29°39	16°35	6°17	12°35	19°21	17°48	1°27	n.a.	T 26
W27	21 41 49	23°24'30	20°49	5°35	28°51	18°11	6°39	29°40	16°32	6°19	12°37	19°D20	17°44	1°34	n.a.	W27
T 28	21 45 45	24°23'46	4♐28	6°45	0♎ 3	18°48	6°31	29°41	16°30	6°21	12°38	19°20	17°41	1°40	n.a.	T 28
F 29	21 49 42	25°23'03	17°46	8° 2	1°16	19°25	6°24	29°42	16°28	6°24	12°40	19°21	17°38	1°47	n.a.	F 29
S 30	21 53 38	26°22'22	0♑47	9°24	2°28	20° 3	6°17	29°44	16°25	6°26	12°41	19°23	17°35	1°54	n.a.	S 30
S 31	21 57 35	27♌21'43	13♑32	10♌50	3♎40	20♋40	6♒10	29♏46	16♒23	6♍28	12♋43	19°R24	17♋32	2♈ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n54	18s24	3n34	12n46	4s10	13n38	1n 6	24n45	0n57	19s30	1s33	19s22	1n 3	16s35	0s48	11n14	1n41	32n13	8n59	22n20	22n26	4s57		n.a.
S 2	20 42	20 56	2 34	12 52	4 13	13 10	1 4	24 45	0 58	19 32	1 33	19 22	1 3	16 35	0 48	11 13	1 41	32 13	8 59	22 19	22 26	4 55		n.a.
S 3	20 30	22 18	1 27	13 1	4 15	12 42	1 2	24 45	0 58	19 35	1 33	19 22	1 3	16 36	0 48	11 12	1 41	32 13	8 59	22 19	22 27	4 53		n.a.
M 4	20 17	22 28	0 17	13 13	4 15	12 14	1 0	24 44	0 59	19 37	1 33	19 22	1 3	16 37	0 48	11 11	1 41	32 13	9 0	22 19	22 27	4 50		n.a.
T 5	20 4	21 27	0s53	13 28	4 13	11 46	0 58	24 43	0 59	19 39	1 34	19 22	1 3	16 37	0 48	11 11	1 41	32 13	9 0	22 19	22 27	4 48		n.a.
W 6	19 50	19 24	1 59	13 46	4 9	11 17	0 56	24 43	1 0	19 41	1 34	19 22	1 3	16 38	0 48	11 10	1 41	32 13	9 0	22 19	22 28	4 45		n.a.
T 7	19 37	16 29	2 58	14 6	4 4	10 48	0 53	24 42	1 0	19 44	1 34	19 22	1 2	16 39	0 48	11 9	1 41	32 13	9 0	22 20	22 28	4 43		n.a.
F 8	19 22	12 55	3 49	14 30	3 56	10 18	0 51	24 40	1 0	19 46	1 34	19 22	1 2	16 40	0 48	11 8	1 41	32 13	9 0	22 20	22 29	4 40		n.a.
S 9	19 8	8 51	4 29	14 55	3 47	9 49	0 49	24 39	1 1	19 48	1 34	19 22	1 2	16 40	0 48	11 8	1 41	32 13	9 0	22 20	22 29	4 38		n.a.
S 10	18 53	4 30	4 57	15 22	3 35	9 19	0 46	24 37	1 1	19 50	1 34	19 22	1 2	16 41	0 48	11 7	1 41	32 13	9 1	22 21	22 30	4 35		n.a.
M11	18 38	0n 0	5 12	15 50	3 22	8 49	0 44	24 35	1 2	19 53	1 34	19 22	1 2	16 42	0 48	11 6	1 41	32 13	9 1	22 21	22 30	4 33		n.a.
T 12	18 23	4 32	5 14	16 19	3 7	8 18	0 41	24 33	1 2	19 55	1 34	19 22	1 1	16 43	0 48	11 5	1 41	32 13	9 1	22 21	22 31	4 31		n.a.
W13	18 7	8 55	5 3	16 48	2 50	7 48	0 38	24 31	1 3	19 57	1 34	19 22	1 1	16 43	0 49	11 5	1 41	32 13	9 1	22 21	22 31	4 28		n.a.
T 14	17 51	13 2	4 37	17 17	2 33	7 17	0 36	24 29	1 3	19 59	1 34	19 22	1 1	16 44	0 49	11 4	1 41	32 13	9 1	22 21	22 31	4 26		n.a.
F 15	17 34	16 41	3 59	17 45	2 14	6 46	0 33	24 26	1 4	20 1	1 35	19 23	1 1	16 45	0 49	11 3	1 41	32 13	9 2	22 21	22 32	4 23		n.a.
S 16	17 18	19 39	3 7	18 12	1 55	6 15	0 30	24 24	1 4	20 4	1 35	19 23	1 1	16 46	0 49	11 2	1 41	32 13	9 2	22 21	22 32	4 21		n.a.
S 17	17 1	21 41	2 5	18 37	1 36	5 44	0 27	24 21	1 5	20 6	1 35	19 23	1 1	16 46	0 49	11 1	1 41	32 13	9 2	22 21	22 33	4 18		n.a.
M18	16 44	22 33	0 53	19 0	1 16	5 12	0 24	24 18	1 5	20 8	1 35	19 23	1 0	16 47	0 49	11 1	1 41	32 13	9 2	22 21	22 33	4 16		n.a.
T 19	16 26	22 2	0n24	19 20	0 57	4 41	0 21	24 14	1 6	20 10	1 35	19 23	1 0	16 48	0 49	11 0	1 41	32 13	9 2	22 21	22 34	4 13		n.a.
W20	16 8	20 4	1 41	19 38	0 39	4 9	0 18	24 11	1 6	20 12	1 35	19 24	1 0	16 49	0 49	10 59	1 41	32 13	9 3	22 21	22 34	4 11		n.a.
T 21	15 50	16 45	2 53	19 53	0 21	3 37	0 15	24 7	1 7	20 14	1 35	19 24	1 0	16 49	0 49	10 58	1 41	32 13	9 3	22 21	22 35	4 8		n.a.
F 22	15 32	12 18	3 54	20 5	0 4	3 5	0 12	24 4	1 7	20 16	1 35	19 24	1 0	16 50	0 49	10 57	1 41	32 14	9 3	22 22	22 35	4 6		n.a.
S 23	15 13	7 6	4 40	20 13	0n13	2 33	0 9	24 0	1 8	20 18	1 35	19 25	1 0	16 51	0 49	10 57	1 41	32 14	9 3	22 22	22 35	4 3		n.a.
S 24	14 54	1 31	5 6	20 18	0 27	2 1	0 6	23 56	1 8	20 20	1 35	19 25	0 59	16 52	0 49	10 56	1 41	32 14	9 4	22 23	22 36	4 1		n.a.
M25	14 35	4s 4	5 12	20 20	0 41	1 29	0 3	23 51	1 8	20 22	1 35	19 25	0 59	16 52	0 49	10 55	1 41	32 14	9 4	22 23	22 36	3 58		n.a.
T 26	14 15	9 19	4 58	20 18	0 54	0 57	0s 0	23 47	1 9	20 24	1 35	19 26	0 59	16 53	0 49	10 54	1 41	32 14	9 4	22 24	22 37	3 56		n.a.
W27	13 56	13 57	4 26	20 13	1 5	0 25	0 3	23 42	1 9	20 26	1 35	19 26	0 59	16 54	0 49	10 53	1 41	32 14	9 4	22 24	22 37	3 54		n.a.
T 28	13 36	17 45	3 41	20 5	1 15	0s 7	0 7	23 38	1 10	20 28	1 35	19 27	0 59	16 54	0 49	10 52	1 41	32 14	9 4	22 24	22 38	3 51		n.a.
F 29	13 16	20 32	2 44	19 54	1 24	0 40	0 10	23 33	1 10	20 29	1 35	19 27	0 58	16 55	0 49	10 52	1 41	32 14	9 5	22 24	22 38	3 49		n.a.
S 30	12 55	22 9	1 40	19 39	1 32	1 12	0 13	23 27	1 11	20 31	1 35	19 28	0 58	16 56	0 49	10 51	1 41	32 14	9 5	22 23	22 38	3 46		n.a.
S 31	12n35	22s35	0n32	19n22	1n38	1s44	0s17	23n22	1n11	20s33	1s35	19s28	0n58	16s57	0s49	10n50	1n41	32n14	9n 5	22n23	22n39	3s44		n.a.

Julian Day Number = 1350541.5, Delta T = 07h07m43s
Ecliptic obliquity = 23°48'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'37, Lahiri = -17°58'37 Julian Calendar 1 Aug. 1016 BCE == Greg. Calendar 22 July 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

SEPTEMBER 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 1 31	28♌21'06	26♉ 4	12♌20	4♎52	21♋17	6°R 3	29♏47	16°R21	6♍30	12♋44	19°R24	17♋29	2♈ 7	n.a.	M 1
T 2	22 5 28	29°20'32	8♒26	13°53	6° 5	21°54	5♒57	29°49	16♒18	6°33	12°46	19♋22	17°25	2°14	n.a.	T 2
W 3	22 9 25	0♍19'59	20°39	15°29	7°17	22°32	5°50	29°51	16°16	6°35	12°47	19°18	17°22	2°21	n.a.	W 3
T 4	22 13 21	1°19'28	2♓44	17° 7	8°29	23° 9	5°44	29°53	16°14	6°37	12°48	19°12	17°19	2°27	n.a.	T 4
F 5	22 17 18	2°18'59	14°43	18°46	9°41	23°46	5°37	29°55	16°11	6°39	12°50	19° 5	17°16	2°34	n.a.	F 5
S 6	22 21 14	3°18'33	26°38	20°27	10°53	24°23	5°31	29°57	16° 9	6°41	12°51	18°56	17°13	2°41	n.a.	S 6
S 7	22 25 11	4°18'09	8♈30	22° 9	12° 5	25° 0	5°25	29°59	16° 7	6°44	12°52	18°48	17°10	2°47	n.a.	S 7
M 8	22 29 7	5°17'47	20°22	23°52	13°17	25°37	5°19	0♐ 2	16° 5	6°46	12°54	18°39	17° 6	2°54	n.a.	M 8
T 9	22 33 4	6°17'28	2♉15	25°35	14°29	26°14	5°13	0° 4	16° 2	6°48	12°55	18°33	17° 3	3° 1	n.a.	T 9
W10	22 37 0	7°17'11	14°14	27°19	15°41	26°51	5° 8	0° 7	16° 0	6°50	12°56	18°28	17° 0	3° 8	n.a.	W10
T 11	22 40 57	8°16'56	26°22	29° 3	16°52	27°29	5° 2	0°10	15°58	6°53	12°57	18°25	16°57	3°14	n.a.	T 11
F 12	22 44 53	9°16'44	8♊44	0♍46	18° 4	28° 6	4°57	0°12	15°56	6°55	12°59	18°D24	16°54	3°21	n.a.	F 12
S 13	22 48 50	10°16'34	21°24	2°30	19°16	28°43	4°52	0°15	15°54	6°57	13° 0	18°24	16°50	3°28	n.a.	S 13
S 14	22 52 47	11°16'26	4♋28	4°13	20°28	29°20	4°46	0°18	15°52	6°59	13° 1	18°25	16°47	3°35	n.a.	S 14
M15	22 56 43	12°16'21	17°58	5°56	21°39	29°57	4°42	0°21	15°49	7° 2	13° 2	18°R26	16°44	3°41	n.a.	M15
T 16	23 0 40	13°16'18	1♌57	7°39	22°51	0♌33	4°37	0°24	15°47	7° 4	13° 3	18°25	16°41	3°48	n.a.	T 16
W17	23 4 36	14°16'18	16°24	9°21	24° 2	1°10	4°32	0°27	15°45	7° 6	13° 4	18°22	16°38	3°55	n.a.	W17
T 18	23 8 33	15°16'20	1♍16	11° 3	25°14	1°47	4°28	0°31	15°43	7° 8	13° 5	18°17	16°35	4° 1	n.a.	T 18
F 19	23 12 29	16°16'23	16°25	12°44	26°25	2°24	4°24	0°34	15°41	7°11	13° 6	18° 9	16°31	4° 8	n.a.	F 19
S 20	23 16 26	17°16'29	1♎42	14°25	27°37	3° 1	4°20	0°37	15°39	7°13	13° 7	18° 0	16°28	4°15	n.a.	S 20
S 21	23 20 22	18°16'37	16°55	16° 5	28°48	3°38	4°16	0°41	15°37	7°15	13° 8	17°51	16°25	4°22	n.a.	S 21
M22	23 24 19	19°16'46	1♏55	17°45	29°59	4°15	4°13	0°45	15°36	7°17	13° 9	17°42	16°22	4°28	n.a.	M22
T 23	23 28 16	20°16'57	16°32	19°24	1♏11	4°51	4° 9	0°48	15°34	7°19	13°10	17°36	16°19	4°35	n.a.	T 23
W24	23 32 12	21°17'10	0♐42	21° 3	2°22	5°28	4° 6	0°52	15°32	7°22	13°11	17°32	16°15	4°42	n.a.	W24
T 25	23 36 9	22°17'25	14°25	22°42	3°33	6° 5	4° 3	0°56	15°30	7°24	13°12	17°30	16°12	4°48	n.a.	T 25
F 26	23 40 5	23°17'42	27°41	24°19	4°44	6°41	4° 0	1° 0	15°28	7°26	13°13	17°D30	16° 9	4°55	n.a.	F 26
S 27	23 44 2	24°18'00	10♑35	25°57	5°55	7°18	3°58	1° 4	15°27	7°28	13°14	17°30	16° 6	5° 2	n.a.	S 27
S 28	23 47 58	25°18'19	23° 9	27°34	7° 6	7°55	3°55	1° 8	15°25	7°30	13°15	17°R30	16° 3	5° 9	n.a.	S 28
M29	23 51 55	26°18'40	5♒30	29°10	8°16	8°31	3°53	1°12	15°23	7°32	13°15	17°29	16° 0	5°15	n.a.	M29
T 30	23 55 51	27♍19'03	17♒39	0♎47	9♏27	9♌ 8	3♒51	1♐16	15♒22	7♍35	13♋16	17♋24	15♋56	5♈22	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n14	21s52	0s36	19n 1	1n44	2s16	0s20	23n17	1n12	20s35	1s35	19s29	0n58	16s57	0s48	10n49	1n41	32n14	9n 5	22n23	22n39	3s41		n.a.
T 2	11 53	20 4	1 41	18 38	1 48	2 48	0 23	23 11	1 12	20 36	1 34	19 29	0 58	16 58	0 48	10 48	1 41	32 14	9 6	22 24	22 40	3 39		n.a.
W 3	11 32	17 23	2 41	18 13	1 51	3 20	0 27	23 6	1 13	20 38	1 34	19 30	0 58	16 59	0 48	10 47	1 41	32 15	9 6	22 24	22 40	3 36		n.a.
T 4	11 10	13 58	3 33	17 45	1 54	3 53	0 30	23 0	1 13	20 39	1 34	19 31	0 57	16 59	0 48	10 47	1 41	32 15	9 6	22 25	22 40	3 34		n.a.
F 5	10 49	10 0	4 14	17 15	1 55	4 24	0 34	22 54	1 13	20 41	1 34	19 31	0 57	17 0	0 48	10 46	1 41	32 15	9 7	22 26	22 41	3 31		n.a.
S 6	10 27	5 42	4 45	16 44	1 56	4 56	0 37	22 47	1 14	20 42	1 34	19 32	0 57	17 1	0 48	10 45	1 41	32 15	9 7	22 27	22 41	3 29		n.a.
S 7	10 5	1 12	5 2	16 10	1 56	5 28	0 40	22 41	1 14	20 44	1 34	19 32	0 57	17 1	0 48	10 44	1 41	32 15	9 7	22 28	22 42	3 26		n.a.
M 8	9 43	3n20	5 7	15 35	1 56	6 0	0 44	22 35	1 15	20 45	1 34	19 33	0 57	17 2	0 48	10 43	1 41	32 15	9 7	22 30	22 42	3 24		n.a.
T 9	9 21	7 46	4 59	14 59	1 54	6 31	0 47	22 28	1 15	20 47	1 34	19 34	0 57	17 3	0 48	10 42	1 41	32 15	9 8	22 31	22 43	3 21		n.a.
W10	8 58	11 57	4 37	14 21	1 53	7 3	0 51	22 21	1 16	20 48	1 34	19 35	0 56	17 3	0 48	10 42	1 41	32 16	9 8	22 31	22 43	3 19		n.a.
T 11	8 36	15 43	4 3	13 42	1 50	7 34	0 54	22 14	1 16	20 49	1 34	19 35	0 56	17 4	0 48	10 41	1 41	32 16	9 8	22 32	22 43	3 16		n.a.
F 12	8 13	18 52	3 17	13 2	1 47	8 5	0 58	22 7	1 17	20 50	1 34	19 36	0 56	17 5	0 48	10 40	1 41	32 16	9 8	22 32	22 44	3 14		n.a.
S 13	7 50	21 12	2 20	12 22	1 44	8 36	1 1	22 0	1 17	20 52	1 33	19 37	0 56	17 5	0 48	10 39	1 41	32 16	9 9	22 32	22 44	3 11		n.a.
S 14	7 27	22 30	1 14	11 40	1 40	9 7	1 5	21 53	1 18	20 53	1 33	19 38	0 56	17 6	0 48	10 38	1 41	32 16	9 9	22 32	22 45	3 9		n.a.
M15	7 4	22 33	0 3	10 58	1 36	9 37	1 8	21 45	1 18	20 54	1 33	19 38	0 56	17 7	0 48	10 37	1 41	32 16	9 9	22 31	22 45	3 6		n.a.
T 16	6 40	21 12	1n12	10 15	1 32	10 7	1 12	21 37	1 18	20 55	1 33	19 39	0 55	17 7	0 48	10 37	1 41	32 17	9 10	22 32	22 45	3 3		n.a.
W17	6 17	18 27	2 24	9 32	1 27	10 38	1 15	21 30	1 19	20 56	1 33	19 40	0 55	17 8	0 48	10 36	1 41	32 17	9 10	22 32	22 46	3 1		n.a.
T 18	5 54	14 26	3 28	8 48	1 22	11 7	1 18	21 22	1 19	20 57	1 33	19 41	0 55	17 8	0 48	10 35	1 41	32 17	9 10	22 33	22 46	2 58		n.a.
F 19	5 30	9 24	4 19	8 4	1 17	11 37	1 22	21 14	1 20	20 57	1 33	19 42	0 55	17 9	0 48	10 34	1 41	32 17	9 11	22 34	22 47	2 56		n.a.
S 20	5 6	3 46	4 52	7 20	1 12	12 6	1 25	21 6	1 20	20 58	1 32	19 43	0 55	17 10	0 48	10 33	1 41	32 17	9 11	22 35	22 47	2 53		n.a.
S 21	4 42	2s 5	5 4	6 35	1 6	12 35	1 28	20 57	1 21	20 59	1 32	19 43	0 55	17 10	0 48	10 32	1 41	32 18	9 11	22 36	22 47	2 51		n.a.
M22	4 18	7 43	4 55	5 50	1 0	13 4	1 32	20 49	1 21	21 0	1 32	19 44	0 54	17 11	0 48	10 32	1 41	32 18	9 12	22 37	22 48	2 48		n.a.
T 23	3 54	12 47	4 26	5 5	0 55	13 33	1 35	20 40	1 22	21 0	1 32	19 45	0 54	17 11	0 48	10 31	1 41	32 18	9 12	22 38	22 48	2 46		n.a.
W24	3 30	17 0	3 42	4 20	0 48	14 1	1 38	20 32	1 22	21 1	1 32	19 46	0 54	17 12	0 48	10 30	1 41	32 18	9 12	22 39	22 48	2 43		n.a.
T 25	3 6	20 8	2 47	3 35	0 42	14 29	1 41	20 23	1 23	21 2	1 31	19 47	0 54	17 12	0 48	10 29	1 41	32 18	9 12	22 39	22 49	2 41		n.a.
F 26	2 42	22 4	1 44	2 50	0 36	14 56	1 45	20 14	1 23	21 2	1 31	19 48	0 54	17 13	0 48	10 28	1 41	32 19	9 13	22 39	22 49	2 38		n.a.
S 27	2 18	22 47	0 37	2 5	0 30	15 23	1 48	20 5	1 23	21 2	1 31	19 49	0 54	17 13	0 48	10 28	1 41	32 19	9 13	22 39	22 50	2 36		n.a.
S 28	1 54	22 17	0s30	1 20	0 23	15 50	1 51	19 56	1 24	21 3	1 31	19 50	0 54	17 14	0 48	10 27	1 41	32 19	9 13	22 39	22 50	2 33		n.a.
M29	1 29	20 43	1 34	0 35	0 17	16 17	1 54	19 46	1 24	21 3	1 31	19 51	0 53	17 14	0 48	10 26	1 41	32 19	9 14	22 39	22 50	2 31		n.a.
T 30	1n 5	18s12	2s33	0s 9	0n10	16s43	1s57	19n37	1n25	21s 4	1s31	19s52	0n53	17s15	0s48	10n25	1n41	32n20	9n14	22n40	22n51	2s28		n.a.

Julian Day Number = 1350572.5, Delta T = 07h07m41s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'33, Lahiri = -17°58'33 Julian Calendar 1 Sept. 1016 BCE == Greg. Calendar 22 Aug. 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

OCTOBER 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 59 48	28♍19'27	29♒41	2♎22	10♏38	9♌44	3°R49	1♐21	15°R20	7♍37	13♋17	17°R18	15♋53	5♈29	n.a.	W 1
T 2	0 3 45	29°19'53	11♓38	3°58	11°48	10°21	3♒48	1°25	15♒19	7°39	13°17	17♋ 8	15°50	5°35	n.a.	T 2
F 3	0 7 41	0♎20'21	23°32	5°32	12°59	10°57	3°46	1°30	15°17	7°41	13°18	16°56	15°47	5°42	n.a.	F 3
S 4	0 11 38	1°20'50	5♈25	7° 7	14° 9	11°34	3°45	1°34	15°16	7°43	13°19	16°42	15°44	5°49	n.a.	S 4
S 5	0 15 34	2°21'21	17°17	8°41	15°19	12°10	3°44	1°39	15°14	7°45	13°19	16°27	15°41	5°56	n.a.	S 5
M 6	0 19 31	3°21'54	29°11	10°15	16°29	12°47	3°43	1°44	15°13	7°47	13°20	16°14	15°37	6° 2	n.a.	M 6
T 7	0 23 27	4°22'29	11♉ 8	11°49	17°40	13°23	3°43	1°48	15°11	7°49	13°21	16° 2	15°34	6° 9	n.a.	T 7
W 8	0 27 24	5°23'06	23° 9	13°22	18°50	13°59	3°43	1°53	15°10	7°51	13°21	15°52	15°31	6°16	n.a.	W 8
T 9	0 31 20	6°23'44	5♊19	14°55	19°59	14°36	3°D42	1°58	15° 9	7°53	13°22	15°46	15°28	6°23	n.a.	T 9
F 10	0 35 17	7°24'25	17°40	16°28	21° 9	15°12	3°42	2° 3	15° 8	7°55	13°22	15°42	15°25	6°29	n.a.	F 10
S 11	0 39 13	8°25'07	0♋16	18° 0	22°19	15°48	3°43	2° 8	15° 6	7°57	13°22	15°41	15°21	6°36	n.a.	S 11
S 12	0 43 10	9°25'51	13°13	19°33	23°29	16°24	3°43	2°13	15° 5	7°59	13°23	15°41	15°18	6°43	n.a.	S 12
M13	0 47 7	10°26'37	26°33	21° 5	24°38	17° 0	3°44	2°18	15° 4	8° 1	13°23	15°41	15°15	6°49	n.a.	M13
T 14	0 51 3	11°27'24	10♌21	22°36	25°47	17°37	3°45	2°24	15° 3	8° 3	13°24	15°39	15°12	6°56	n.a.	T 14
W15	0 55 0	12°28'14	24°38	24° 8	26°57	18°13	3°46	2°29	15° 2	8° 5	13°24	15°35	15° 9	7° 3	n.a.	W15
T 16	0 58 56	13°29'05	9♍21	25°39	28° 6	18°49	3°47	2°34	15° 1	8° 7	13°24	15°28	15° 6	7°10	n.a.	T 16
F 17	1 2 53	14°29'57	24°27	27°10	29°15	19°25	3°48	2°40	15° 0	8° 9	13°24	15°19	15° 2	7°16	n.a.	F 17
S 18	1 6 49	15°30'51	9♎46	28°41	0♐24	20° 1	3°50	2°45	15° 0	8°11	13°25	15° 8	14°59	7°23	n.a.	S 18
S 19	1 10 46	16°31'46	25° 7	0♏11	1°33	20°37	3°52	2°51	14°59	8°13	13°25	14°56	14°56	7°30	n.a.	S 19
M20	1 14 42	17°32'43	10♏18	1°42	2°41	21°13	3°54	2°56	14°58	8°15	13°25	14°45	14°53	7°36	n.a.	M20
T 21	1 18 39	18°33'41	25° 8	3°11	3°50	21°48	3°56	3° 2	14°57	8°16	13°25	14°36	14°50	7°43	n.a.	T 21
W22	1 22 36	19°34'40	9♐31	4°41	4°58	22°24	3°59	3° 8	14°57	8°18	13°25	14°30	14°46	7°50	n.a.	W22
T 23	1 26 32	20°35'40	23°24	6°10	6° 6	23° 0	4° 2	3°14	14°56	8°20	13°25	14°26	14°43	7°57	n.a.	T 23
F 24	1 30 29	21°36'41	6♑48	7°39	7°14	23°36	4° 5	3°20	14°55	8°22	13°25	14°25	14°40	8° 3	n.a.	F 24
S 25	1 34 25	22°37'42	19°45	9° 7	8°22	24°11	4° 8	3°25	14°55	8°23	13°R25	14°25	14°37	8°10	n.a.	S 25
S 26	1 38 22	23°38'45	2♒19	10°34	9°30	24°47	4°11	3°31	14°54	8°25	13°25	14°25	14°34	8°17	n.a.	S 26
M27	1 42 18	24°39'48	14°36	12° 1	10°38	25°23	4°15	3°37	14°54	8°27	13°25	14°23	14°31	8°24	n.a.	M27
T 28	1 46 15	25°40'52	26°41	13°27	11°45	25°58	4°18	3°43	14°54	8°29	13°25	14°19	14°27	8°30	n.a.	T 28
W29	1 50 11	26°41'56	8♓37	14°52	12°52	26°34	4°22	3°50	14°53	8°30	13°25	14°13	14°24	8°37	n.a.	W29
T 30	1 54 8	27°43'02	20°30	16°16	13°59	27° 9	4°26	3°56	14°53	8°32	13°25	14° 3	14°21	8°44	n.a.	T 30
F 31	1 58 5	28♎44'08	2♈21	17♏39	15♐ 6	27♌45	4♒30	4♐ 2	14♒53	8♍33	13♋25	13♋51	14♋18	8♈50	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	0n41	14s56	3s24	0s54	0n 4	17s 8	2s 0	19n27	1n25	21s 4	1s30	19s53	0n53	17s15	0s48	10n24	1n41	32n20	9n14	22n41	22n51	2s25			n.a.
T 2	0 16	11 5	4 5	1 38	0s 3	17 33	2 3	19 18	1 26	21 4	1 30	19 54	0 53	17 16	0 48	10 24	1 41	32 20	9 15	22 42	22 52	2 23			n.a.
F 3	0s 8	6 49	4 36	2 23	0 9	17 58	2 6	19 8	1 26	21 4	1 30	19 55	0 53	17 16	0 48	10 23	1 41	32 20	9 15	22 43	22 52	2 20			n.a.
S 4	0 33	2 19	4 54	3 7	0 16	18 23	2 9	18 58	1 27	21 4	1 30	19 56	0 53	17 16	0 48	10 22	1 41	32 21	9 15	22 45	22 52	2 18			n.a.
S 5	0 57	2n17	5 0	3 50	0 22	18 46	2 11	18 48	1 27	21 4	1 30	19 58	0 52	17 17	0 48	10 21	1 41	32 21	9 16	22 47	22 53	2 15			n.a.
M 6	1 21	6 48	4 53	4 34	0 29	19 10	2 14	18 38	1 27	21 4	1 29	19 59	0 52	17 17	0 48	10 21	1 41	32 21	9 16	22 49	22 53	2 13			n.a.
T 7	1 46	11 5	4 32	5 17	0 35	19 33	2 17	18 28	1 28	21 4	1 29	20 0	0 52	17 18	0 48	10 20	1 41	32 21	9 16	22 50	22 53	2 10			n.a.
W 8	2 10	14 59	4 0	6 0	0 42	19 55	2 19	18 18	1 28	21 4	1 29	20 1	0 52	17 18	0 48	10 19	1 41	32 22	9 17	22 51	22 54	2 8			n.a.
T 9	2 35	18 19	3 16	6 42	0 48	20 17	2 22	18 8	1 29	21 4	1 29	20 2	0 52	17 18	0 48	10 18	1 41	32 22	9 17	22 52	22 54	2 5			n.a.
F 10	2 59	20 52	2 22	7 24	0 54	20 39	2 24	17 57	1 29	21 4	1 28	20 3	0 52	17 19	0 48	10 18	1 41	32 22	9 17	22 52	22 55	2 2			n.a.
S 11	3 23	22 28	1 21	8 6	1 0	20 59	2 26	17 47	1 30	21 3	1 28	20 4	0 52	17 19	0 48	10 17	1 41	32 23	9 18	22 53	22 55	2 0			n.a.
S 12	3 48	22 56	0 13	8 47	1 7	21 20	2 29	17 36	1 30	21 3	1 28	20 5	0 51	17 19	0 48	10 16	1 41	32 23	9 18	22 53	22 55	1 57			n.a.
M13	4 12	22 6	0n57	9 28	1 12	21 40	2 31	17 25	1 31	21 3	1 28	20 7	0 51	17 20	0 48	10 15	1 41	32 23	9 19	22 53	22 56	1 55			n.a.
T 14	4 36	19 57	2 6	10 8	1 18	21 59	2 33	17 14	1 31	21 2	1 28	20 8	0 51	17 20	0 48	10 15	1 41	32 24	9 19	22 53	22 56	1 52			n.a.
W15	5 0	16 30	3 10	10 48	1 24	22 18	2 35	17 4	1 32	21 2	1 27	20 9	0 51	17 20	0 48	10 14	1 42	32 24	9 19	22 53	22 56	1 50			n.a.
T 16	5 24	11 55	4 3	11 27	1 30	22 36	2 37	16 53	1 32	21 1	1 27	20 10	0 51	17 20	0 47	10 13	1 42	32 24	9 20	22 54	22 57	1 47			n.a.
F 17	5 48	6 31	4 41	12 6	1 35	22 53	2 39	16 41	1 32	21 1	1 27	20 11	0 51	17 21	0 47	10 13	1 42	32 24	9 20	22 55	22 57	1 44			n.a.
S 18	6 12	0 38	4 59	12 44	1 40	23 10	2 41	16 30	1 33	21 0	1 27	20 13	0 51	17 21	0 47	10 12	1 42	32 25	9 20	22 57	22 58	1 42			n.a.
S 19	6 36	5s18	4 55	13 21	1 45	23 26	2 42	16 19	1 33	20 59	1 27	20 14	0 51	17 21	0 47	10 11	1 42	32 25	9 21	22 58	22 58	1 39			n.a.
M20	7 0	10 51	4 31	13 58	1 50	23 42	2 44	16 8	1 34	20 59	1 26	20 15	0 50	17 21	0 47	10 11	1 42	32 25	9 21	22 59	22 58	1 37			n.a.
T 21	7 23	15 39	3 49	14 33	1 54	23 57	2 45	15 56	1 34	20 58	1 26	20 16	0 50	17 21	0 47	10 10	1 42	32 26	9 21	23 0	22 59	1 34			n.a.
W22	7 47	19 23	2 53	15 8	1 59	24 11	2 47	15 45	1 35	20 57	1 26	20 18	0 50	17 22	0 47	10 9	1 42	32 26	9 22	23 1	22 59	1 32			n.a.
T 23	8 10	21 50	1 49	15 43	2 3	24 25	2 48	15 34	1 35	20 56	1 26	20 19	0 50	17 22	0 47	10 9	1 42	32 26	9 22	23 1	22 59	1 29			n.a.
F 24	8 33	22 58	0 40	16 16	2 6	24 38	2 49	15 22	1 36	20 55	1 25	20 20	0 50	17 22	0 47	10 8	1 42	32 27	9 22	23 1	23 0	1 26			n.a.
S 25	8 56	22 48	0s28	16 48	2 10	24 51	2 50	15 10	1 36	20 54	1 25	20 21	0 50	17 22	0 47	10 7	1 42	32 27	9 23	23 1	23 0	1 24			n.a.
S 26	9 19	21 28	1 33	17 19	2 13	25 2	2 51	14 59	1 36	20 53	1 25	20 23	0 50	17 22	0 47	10 7	1 42	32 27	9 23	23 1	23 0	1 21			n.a.
M27	9 42	19 8	2 32	17 49	2 15	25 13	2 52	14 47	1 37	20 52	1 25	20 24	0 50	17 22	0 47	10 6	1 42	32 28	9 23	23 2	23 1	1 19			n.a.
T 28	10 5	16 0	3 24	18 18	2 18	25 24	2 53	14 35	1 37	20 51	1 25	20 25	0 49	17 22	0 47	10 6	1 42	32 28	9 24	23 2	23 1	1 16			n.a.
W29	10 27	12 14	4 5	18 46	2 20	25 34	2 53	14 23	1 38	20 50	1 24	20 26	0 49	17 22	0 47	10 5	1 42	32 28	9 24	23 3	23 1	1 13			n.a.
T 30	10 50	8 2	4 36	19 12	2 21	25 43	2 54	14 11	1 38	20 49	1 24	20 28	0 49	17 22	0 47	10 4	1 42	32 29	9 24	23 4	23 2	1 11			n.a.
F 31	11s12	3s32	4s54	19s37	2s22	25s51	2s54	13n59	1n39	20s47	1s24	20s29	0n49	17s22	0s47	10n 4	1n42	32n29	9n25	23n 5	23n 2	1s 8			n.a.

Julian Day Number = 1350602.5, Delta T = 07h07m40s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'29, Lahiri = -17°58'29 Julian Calendar 1 Oct. 1016 BCE == Greg. Calendar 21 Sept. 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

NOVEMBER 1016 BCE (-1015) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 1	29♎45'15	14♈14	19♏ 0	16♐12	28♌20	4♒35	4♐ 8	14°R53	8♍35	13°R25	13°R37	14♋15	8♈57	n.a.	S 1
S 2	2 5 58	0♏46'23	26° 9	20°19	17°19	28°55	4°40	4°14	14♒53	8°37	13♋24	13♋23	14°12	9° 4	n.a.	S 2
M 3	2 9 54	1°47'31	8♉ 9	21°37	18°25	29°31	4°44	4°21	14°D53	8°38	13°24	13° 9	14° 8	9°11	n.a.	M 3
T 4	2 13 51	2°48'40	20°14	22°52	19°31	0♍ 6	4°49	4°27	14°53	8°40	13°24	12°57	14° 5	9°17	n.a.	T 4
W 5	2 17 47	3°49'51	2♊25	24° 4	20°36	0°41	4°55	4°33	14°53	8°41	13°24	12°48	14° 2	9°24	n.a.	W 5
T 6	2 21 44	4°51'02	14°44	25°14	21°42	1°16	5° 0	4°40	14°53	8°42	13°23	12°41	13°59	9°31	n.a.	T 6
F 7	2 25 40	5°52'14	27°12	26°19	22°47	1°51	5° 5	4°46	14°53	8°44	13°23	12°38	13°56	9°38	n.a.	F 7
S 8	2 29 37	6°53'27	9♋54	27°21	23°52	2°26	5°11	4°53	14°53	8°45	13°22	12°D37	13°52	9°44	n.a.	S 8
S 9	2 33 34	7°54'40	22°51	28°18	24°57	3° 1	5°17	4°59	14°53	8°47	13°22	12°37	13°49	9°51	n.a.	S 9
M10	2 37 30	8°55'55	6♌ 7	29° 9	26° 1	3°36	5°23	5° 6	14°54	8°48	13°22	12°R38	13°46	9°58	n.a.	M10
T 11	2 41 27	9°57'10	19°46	29°54	27° 5	4°11	5°29	5°13	14°54	8°49	13°21	12°37	13°43	10° 4	n.a.	T 11
W12	2 45 23	10°58'26	3♍48	0♐31	28° 9	4°46	5°36	5°19	14°55	8°51	13°21	12°35	13°40	10°11	n.a.	W12
T 13	2 49 20	11°59'42	18°14	1° 1	29°12	5°21	5°42	5°26	14°55	8°52	13°20	12°30	13°37	10°18	n.a.	T 13
F 14	2 53 16	13° 1'00	3♎ 0	1°22	0♑16	5°55	5°49	5°33	14°56	8°53	13°20	12°23	13°33	10°25	n.a.	F 14
S 15	2 57 13	14° 2'17	18° 2	1°33	1°18	6°30	5°56	5°39	14°56	8°54	13°19	12°14	13°30	10°31	n.a.	S 15
S 16	3 1 10	15° 3'36	3♏10	1°R33	2°21	7° 5	6° 3	5°46	14°57	8°55	13°18	12° 5	13°27	10°38	n.a.	S 16
M17	3 5 6	16° 4'54	18°13	1°23	3°23	7°39	6°10	5°53	14°57	8°57	13°18	11°56	13°24	10°45	n.a.	M17
T 18	3 9 3	17° 6'13	3♐ 2	1° 0	4°25	8°14	6°18	6° 0	14°58	8°58	13°17	11°49	13°21	10°51	n.a.	T 18
W19	3 12 59	18° 7'32	17°29	0°26	5°26	8°48	6°25	6° 7	14°59	8°59	13°16	11°44	13°18	10°58	n.a.	W19
T 20	3 16 56	19° 8'51	1♑29	29♏40	6°27	9°22	6°33	6°14	15° 0	9° 0	13°16	11°41	13°14	11° 5	n.a.	T 20
F 21	3 20 52	20°10'10	15° 0	28°44	7°28	9°56	6°41	6°20	15° 1	9° 1	13°15	11°D41	13°11	11°12	n.a.	F 21
S 22	3 24 49	21°11'29	28° 5	27°38	8°28	10°31	6°49	6°27	15° 2	9° 2	13°14	11°42	13° 8	11°18	n.a.	S 22
S 23	3 28 45	22°12'47	10♒45	26°24	9°28	11° 5	6°57	6°34	15° 3	9° 3	13°13	11°43	13° 5	11°25	n.a.	S 23
M24	3 32 42	23°14'05	23° 6	25° 6	10°27	11°39	7° 5	6°41	15° 4	9° 4	13°12	11°R43	13° 2	11°32	n.a.	M24
T 25	3 36 39	24°15'23	5♓12	23°45	11°26	12°13	7°14	6°48	15° 5	9° 4	13°12	11°43	12°58	11°39	n.a.	T 25
W26	3 40 35	25°16'40	17° 9	22°24	12°24	12°47	7°22	6°55	15° 6	9° 5	13°11	11°40	12°55	11°45	n.a.	W26
T 27	3 44 32	26°17'57	29° 1	21° 5	13°22	13°20	7°31	7° 2	15° 7	9° 6	13°10	11°35	12°52	11°52	n.a.	T 27
F 28	3 48 28	27°19'14	10♈52	19°52	14°19	13°54	7°40	7° 9	15° 8	9° 7	13° 9	11°28	12°49	11°59	n.a.	F 28
S 29	3 52 25	28°20'30	22°46	18°46	15°16	14°28	7°49	7°16	15° 9	9° 8	13° 8	11°20	12°46	12° 5	n.a.	S 29
S 30	3 56 21	29♏21'45	4♉46	17♏48	16♑12	15♍ 1	7♒58	7♐23	15♒11	9♍ 8	13♋ 7	11♋12	12♋43	12♈12	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s34	1n 6	5s 0	20s 1	2s22	25s58	2s54	13n47	1n39	20s46	1s24	20s30	0n49	17s22	0s47	10n 3	1n42	32n30	9n25	23n 6	23n 2	1s 6		n.a.
S 2	11 55	5 42	4 53	20 23	2 22	26 5	2 54	13 35	1 40	20 45	1 23	20 32	0 49	17 22	0 47	10 3	1 42	32 30	9 25	23 8	23 3	1 3		n.a.
M 3	12 17	10 9	4 33	20 43	2 21	26 12	2 54	13 23	1 40	20 43	1 23	20 33	0 49	17 22	0 47	10 2	1 42	32 30	9 26	23 9	23 3	1 1		n.a.
T 4	12 38	14 14	4 0	21 1	2 19	26 17	2 54	13 11	1 40	20 42	1 23	20 34	0 49	17 22	0 47	10 2	1 42	32 31	9 26	23 10	23 3	0 58		n.a.
W 5	13 0	17 46	3 16	21 17	2 17	26 22	2 54	12 58	1 41	20 41	1 23	20 35	0 49	17 22	0 47	10 1	1 42	32 31	9 26	23 11	23 4	0 55		n.a.
T 6	13 20	20 34	2 22	21 31	2 13	26 26	2 53	12 46	1 41	20 39	1 23	20 37	0 48	17 22	0 47	10 1	1 43	32 31	9 27	23 12	23 4	0 53		n.a.
F 7	13 41	22 26	1 21	21 43	2 9	26 29	2 53	12 34	1 42	20 37	1 22	20 38	0 48	17 22	0 47	10 0	1 43	32 32	9 27	23 12	23 4	0 50		n.a.
S 8	14 2	23 12	0 14	21 53	2 4	26 32	2 52	12 21	1 42	20 36	1 22	20 39	0 48	17 22	0 47	10 0	1 43	32 32	9 27	23 12	23 5	0 47		n.a.
S 9	14 22	22 44	0n54	22 0	1 57	26 34	2 51	12 9	1 43	20 34	1 22	20 41	0 48	17 22	0 47	9 59	1 43	32 33	9 28	23 12	23 5	0 45		n.a.
M10	14 42	21 0	2 2	22 4	1 50	26 35	2 50	11 56	1 43	20 32	1 22	20 42	0 48	17 22	0 47	9 59	1 43	32 33	9 28	23 12	23 5	0 42		n.a.
T 11	15 2	18 2	3 4	22 6	1 41	26 36	2 49	11 44	1 44	20 31	1 22	20 43	0 48	17 22	0 47	9 58	1 43	32 33	9 28	23 12	23 6	0 40		n.a.
W12	15 21	13 57	3 58	22 4	1 32	26 35	2 47	11 31	1 44	20 29	1 21	20 45	0 48	17 21	0 46	9 58	1 43	32 34	9 29	23 13	23 6	0 37		n.a.
T 13	15 40	8 58	4 38	22 0	1 20	26 35	2 46	11 19	1 44	20 27	1 21	20 46	0 48	17 21	0 46	9 58	1 43	32 34	9 29	23 13	23 6	0 34		n.a.
F 14	15 59	3 22	5 0	21 52	1 8	26 33	2 44	11 6	1 45	20 25	1 21	20 47	0 48	17 21	0 46	9 57	1 43	32 34	9 29	23 14	23 7	0 32		n.a.
S 15	16 18	2s31	5 3	21 40	0 54	26 31	2 42	10 54	1 45	20 23	1 21	20 48	0 48	17 21	0 46	9 57	1 43	32 35	9 30	23 15	23 7	0 29		n.a.
S 16	16 36	8 19	4 44	21 25	0 38	26 28	2 40	10 41	1 46	20 21	1 21	20 50	0 47	17 21	0 46	9 56	1 43	32 35	9 30	23 15	23 7	0 27		n.a.
M17	16 55	13 35	4 6	21 6	0 21	26 24	2 38	10 28	1 46	20 19	1 20	20 51	0 47	17 20	0 46	9 56	1 43	32 36	9 30	23 16	23 8	0 24		n.a.
T 18	17 12	17 58	3 12	20 44	0 3	26 20	2 36	10 16	1 47	20 17	1 20	20 52	0 47	17 20	0 46	9 56	1 43	32 36	9 31	23 17	23 8	0 21		n.a.
W19	17 30	21 7	2 6	20 18	0n16	26 15	2 33	10 3	1 47	20 15	1 20	20 54	0 47	17 20	0 46	9 55	1 43	32 36	9 31	23 17	23 8	0 19		n.a.
T 20	17 47	22 54	0 55	19 49	0 35	26 10	2 30	9 50	1 48	20 13	1 20	20 55	0 47	17 20	0 46	9 55	1 43	32 37	9 31	23 18	23 9	0 16		n.a.
F 21	18 4	23 15	0s18	19 17	0 56	26 3	2 28	9 37	1 48	20 11	1 20	20 56	0 47	17 19	0 46	9 55	1 43	32 37	9 32	23 18	23 9	0 13		n.a.
S 22	18 20	22 18	1 27	18 43	1 16	25 57	2 25	9 25	1 48	20 8	1 19	20 57	0 47	17 19	0 46	9 54	1 43	32 37	9 32	23 18	23 9	0 11		n.a.
S 23	18 37	20 13	2 30	18 7	1 35	25 49	2 21	9 12	1 49	20 6	1 19	20 59	0 47	17 19	0 46	9 54	1 44	32 38	9 32	23 17	23 10	0 8		n.a.
M24	18 52	17 14	3 24	17 30	1 54	25 41	2 18	8 59	1 49	20 4	1 19	21 0	0 47	17 18	0 46	9 54	1 44	32 38	9 32	23 17	23 10	0 6		n.a.
T 25	19 8	13 35	4 8	16 53	2 11	25 33	2 14	8 46	1 50	20 1	1 19	21 1	0 47	17 18	0 46	9 53	1 44	32 39	9 33	23 17	23 10	0 3		n.a.
W26	19 23	9 27	4 41	16 17	2 27	25 23	2 10	8 34	1 50	19 59	1 19	21 3	0 46	17 18	0 46	9 53	1 44	32 39	9 33	23 18	23 11	0 0		n.a.
T 27	19 38	4 59	5 1	15 44	2 40	25 14	2 6	8 21	1 51	19 57	1 18	21 4	0 46	17 17	0 46	9 53	1 44	32 39	9 33	23 18	23 11	0n 2		n.a.
F 28	19 52	0 21	5 8	15 14	2 51	25 3	2 2	8 8	1 51	19 54	1 18	21 5	0 46	17 17	0 46	9 53	1 44	32 40	9 34	23 19	23 11	0 5		n.a.
S 29	20 6	4n20	5 2	14 47	3 0	24 53	1 58	7 55	1 52	19 51	1 18	21 6	0 46	17 16	0 46	9 52	1 44	32 40	9 34	23 19	23 12	0 8		n.a.
S 30	20s20	8n53	4s43	14s25	3n 7	24s41	1s53	7n42	1n52	19s49	1s18	21s 8	0n46	17s16	0s46	9n52	1n44	32n41	9n34	23n20	23n12	0n10		n.a.

Julian Day Number = 1350633.5, Delta T = 07h07m38s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'25, Lahiri = -17°58'25 Julian Calendar 1 Nov. 1016 BCE == Greg. Calendar 22 Oct. 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1016 BCE
geocentric

DECEMBER 1016 BCE (-1015) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 0 18	0♐23'01	16♉53	16°R59	17♑ 7	15♍35	8♒ 7	7♐30	15♒12	9♍ 9	13°R 6	11°R 4	12♋39	12♈19	n.a.	M 1
T 2	4 4 14	1°24'15	29° 8	16♏20	18° 2	16° 8	8°17	7°37	15°14	9°10	13♋ 5	10♋57	12°36	12°26	n.a.	T 2
W 3	4 8 11	2°25'30	11♊33	15°51	18°56	16°41	8°26	7°45	15°15	9°10	13° 4	10°51	12°33	12°32	n.a.	W 3
T 4	4 12 8	3°26'44	24° 9	15°33	19°50	17°15	8°36	7°52	15°17	9°11	13° 3	10°48	12°30	12°39	n.a.	T 4
F 5	4 16 4	4°27'58	6♋55	15°23	20°42	17°48	8°46	7°59	15°18	9°11	13° 2	10°D46	12°27	12°46	n.a.	F 5
S 6	4 20 1	5°29'11	19°53	15°D23	21°34	18°21	8°56	8° 6	15°20	9°12	13° 1	10°47	12°24	12°53	n.a.	S 6
S 7	4 23 57	6°30'24	3♌ 4	15°31	22°26	18°54	9° 6	8°13	15°21	9°12	13° 0	10°48	12°20	12°59	n.a.	S 7
M 8	4 27 54	7°31'37	16°29	15°47	23°16	19°27	9°16	8°20	15°23	9°13	12°59	10°50	12°17	13° 6	n.a.	M 8
T 9	4 31 50	8°32'49	0♍ 9	16°10	24° 6	19°59	9°26	8°27	15°25	9°13	12°57	10°51	12°14	13°13	n.a.	T 9
W10	4 35 47	9°34'01	14° 4	16°39	24°55	20°32	9°37	8°34	15°27	9°14	12°56	10°R51	12°11	13°19	n.a.	W10
T 11	4 39 44	10°35'13	28°16	17°14	25°43	21° 5	9°47	8°41	15°28	9°14	12°55	10°50	12° 8	13°26	n.a.	T 11
F 12	4 43 40	11°36'24	12♎41	17°54	26°30	21°37	9°58	8°48	15°30	9°14	12°54	10°47	12° 4	13°33	n.a.	F 12
S 13	4 47 37	12°37'34	27°16	18°40	27°16	22° 9	10° 8	8°56	15°32	9°15	12°53	10°44	12° 1	13°40	n.a.	S 13
S 14	4 51 33	13°38'44	11♏56	19°29	28° 1	22°42	10°19	9° 3	15°34	9°15	12°51	10°40	11°58	13°46	n.a.	S 14
M15	4 55 30	14°39'53	26°35	20°22	28°45	23°14	10°30	9°10	15°36	9°15	12°50	10°36	11°55	13°53	n.a.	M15
T 16	4 59 26	15°41'02	11♐ 4	21°19	29°28	23°46	10°41	9°17	15°38	9°15	12°49	10°33	11°52	14° 0	n.a.	T 16
W17	5 3 23	16°42'10	25°18	22°18	0♒ 9	24°18	10°52	9°24	15°40	9°15	12°48	10°30	11°49	14° 7	n.a.	W17
T 18	5 7 20	17°43'16	9♑12	23°21	0°50	24°50	11° 4	9°31	15°42	9°15	12°46	10°D30	11°45	14°13	n.a.	T 18
F 19	5 11 16	18°44'22	22°43	24°26	1°29	25°21	11°15	9°38	15°45	9°15	12°45	10°30	11°42	14°20	n.a.	F 19
S 20	5 15 13	19°45'26	5♒50	25°33	2° 8	25°53	11°26	9°45	15°47	9°R16	12°44	10°31	11°39	14°27	n.a.	S 20
S 21	5 19 9	20°46'29	18°36	26°43	2°44	26°24	11°38	9°52	15°49	9°16	12°42	10°33	11°36	14°33	n.a.	S 21
M22	5 23 6	21°47'31	1♓ 2	27°54	3°20	26°56	11°50	9°59	15°51	9°15	12°41	10°35	11°33	14°40	n.a.	M22
T 23	5 27 2	22°48'31	13°12	29° 7	3°54	27°27	12° 1	10° 6	15°54	9°15	12°40	10°36	11°30	14°47	n.a.	T 23
W24	5 30 59	23°49'30	25°12	0♐22	4°26	27°58	12°13	10°13	15°56	9°15	12°38	10°R36	11°26	14°54	n.a.	W24
T 25	5 34 55	24°50'27	7♈ 5	1°39	4°57	28°29	12°25	10°20	15°58	9°15	12°37	10°35	11°23	15° 0	n.a.	T 25
F 26	5 38 52	25°51'22	18°57	2°57	5°27	28°59	12°37	10°27	16° 1	9°15	12°35	10°34	11°20	15° 7	n.a.	F 26
S 27	5 42 49	26°52'17	0♉52	4°16	5°54	29°30	12°49	10°34	16° 3	9°15	12°34	10°32	11°17	15°14	n.a.	S 27
S 28	5 46 45	27°53'09	12°55	5°36	6°20	0♎ 0	13° 1	10°41	16° 6	9°15	12°33	10°30	11°14	15°21	n.a.	S 28
M29	5 50 42	28°54'00	25° 7	6°58	6°44	0°31	13°14	10°48	16° 8	9°14	12°31	10°29	11°10	15°27	n.a.	M29
T 30	5 54 38	29°54'50	7♊32	8°20	7° 6	1° 1	13°26	10°54	16°11	9°14	12°30	10°27	11° 7	15°34	n.a.	T 30
W31	5 58 35	0♑55'38	20♊11	9♐44	7♒26	1♎31	13♒38	11♐ 1	16♒14	9♍14	12♋28	10♋26	11♋ 4	15♈41	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20s33	13n 8	4s11	14s 7	3n11	24s29	1s48	7n30	1n52	19s46	1s18	21s 9	0n46	17s15	0s46	9n52	1n44	32n41	9n34	23n21	23n12	0n13		n.a.
T 2	20 46	16 55	3 27	13 54	3 13	24 17	1 43	7 17	1 53	19 44	1 18	21 10	0 46	17 15	0 46	9 52	1 44	32 41	9 35	23 21	23 12	0 15		n.a.
W 3	20 58	20 1	2 32	13 46	3 13	24 4	1 38	7 4	1 53	19 41	1 17	21 11	0 46	17 15	0 46	9 52	1 44	32 42	9 35	23 22	23 13	0 18		n.a.
T 4	21 10	22 12	1 29	13 42	3 12	23 51	1 32	6 51	1 54	19 38	1 17	21 13	0 46	17 14	0 46	9 51	1 44	32 42	9 35	23 22	23 13	0 21		n.a.
F 5	21 22	23 17	0 21	13 42	3 9	23 37	1 27	6 39	1 54	19 35	1 17	21 14	0 46	17 14	0 46	9 51	1 44	32 42	9 36	23 22	23 13	0 23		n.a.
S 6	21 33	23 8	0n50	13 46	3 5	23 23	1 21	6 26	1 55	19 33	1 17	21 15	0 46	17 13	0 46	9 51	1 44	32 43	9 36	23 22	23 14	0 26		n.a.
S 7	21 44	21 42	1 59	13 53	3 0	23 9	1 15	6 13	1 55	19 30	1 17	21 16	0 46	17 12	0 46	9 51	1 44	32 43	9 36	23 22	23 14	0 29		n.a.
M 8	21 55	19 2	3 3	14 3	2 54	22 54	1 8	6 0	1 55	19 27	1 17	21 17	0 46	17 12	0 46	9 51	1 45	32 43	9 36	23 22	23 14	0 31		n.a.
T 9	22 4	15 17	3 57	14 16	2 47	22 39	1 2	5 48	1 56	19 24	1 16	21 19	0 45	17 11	0 45	9 51	1 45	32 44	9 36	23 22	23 15	0 34		n.a.
W10	22 14	10 39	4 39	14 32	2 40	22 23	0 55	5 35	1 56	19 21	1 16	21 20	0 45	17 11	0 45	9 51	1 45	32 44	9 37	23 22	23 15	0 37		n.a.
T 11	22 23	5 21	5 5	14 49	2 32	22 7	0 48	5 22	1 57	19 18	1 16	21 21	0 45	17 10	0 45	9 51	1 45	32 45	9 37	23 22	23 15	0 39		n.a.
F 12	22 32	0s18	5 13	15 8	2 24	21 51	0 40	5 10	1 57	19 15	1 16	21 22	0 45	17 10	0 45	9 51	1 45	32 45	9 37	23 22	23 15	0 42		n.a.
S 13	22 40	6 0	5 0	15 29	2 15	21 34	0 33	4 57	1 58	19 12	1 16	21 23	0 45	17 9	0 45	9 51	1 45	32 45	9 37	23 22	23 16	0 45		n.a.
S 14	22 48	11 25	4 28	15 51	2 7	21 18	0 25	4 45	1 58	19 9	1 16	21 25	0 45	17 8	0 45	9 51	1 45	32 46	9 38	23 23	23 16	0 47		n.a.
M15	22 55	16 10	3 38	16 13	1 58	21 1	0 17	4 32	1 58	19 5	1 16	21 26	0 45	17 8	0 45	9 51	1 45	32 46	9 38	23 23	23 16	0 50		n.a.
T 16	23 2	19 54	2 35	16 37	1 49	20 44	0 9	4 20	1 59	19 2	1 15	21 27	0 45	17 7	0 45	9 51	1 45	32 46	9 38	23 23	23 17	0 53		n.a.
W17	23 8	22 21	1 23	17 1	1 40	20 26	0 0	4 7	1 59	18 59	1 15	21 28	0 45	17 6	0 45	9 51	1 45	32 47	9 38	23 24	23 17	0 55		n.a.
T 18	23 14	23 22	0 7	17 26	1 31	20 9	0n 9	3 55	2 0	18 56	1 15	21 29	0 45	17 6	0 45	9 51	1 45	32 47	9 38	23 24	23 17	0 58		n.a.
F 19	23 20	22 58	1s 7	17 51	1 22	19 51	0 18	3 42	2 0	18 52	1 15	21 30	0 45	17 5	0 45	9 51	1 45	32 47	9 39	23 24	23 17	1 1		n.a.
S 20	23 25	21 17	2 15	18 16	1 13	19 33	0 27	3 30	2 1	18 49	1 15	21 31	0 45	17 4	0 45	9 51	1 45	32 48	9 39	23 23	23 18	1 3		n.a.
S 21	23 29	18 34	3 15	18 41	1 4	19 16	0 37	3 18	2 1	18 46	1 15	21 33	0 45	17 4	0 45	9 51	1 45	32 48	9 39	23 23	23 18	1 6		n.a.
M22	23 33	15 4	4 4	19 6	0 55	18 58	0 47	3 5	2 1	18 42	1 15	21 34	0 45	17 3	0 45	9 51	1 45	32 48	9 39	23 23	23 18	1 8		n.a.
T 23	23 37	11 0	4 41	19 31	0 46	18 40	0 57	2 53	2 2	18 39	1 15	21 35	0 45	17 2	0 45	9 51	1 46	32 49	9 39	23 23	23 19	1 11		n.a.
W24	23 40	6 35	5 5	19 56	0 38	18 22	1 7	2 41	2 2	18 35	1 14	21 36	0 45	17 2	0 45	9 51	1 46	32 49	9 40	23 23	23 19	1 14		n.a.
T 25	23 43	1 57	5 15	20 20	0 29	18 4	1 18	2 29	2 3	18 32	1 14	21 37	0 44	17 1	0 45	9 51	1 46	32 49	9 40	23 23	23 19	1 16		n.a.
F 26	23 45	2n44	5 12	20 44	0 21	17 46	1 29	2 17	2 3	18 28	1 14	21 38	0 44	17 0	0 45	9 51	1 46	32 50	9 40	23 23	23 19	1 19		n.a.
S 27	23 47	7 20	4 56	21 8	0 12	17 29	1 40	2 5	2 3	18 25	1 14	21 39	0 44	16 59	0 45	9 51	1 46	32 50	9 40	23 23	23 20	1 22		n.a.
S 28	23 48	11 43	4 27	21 30	0 4	17 11	1 51	1 53	2 4	18 21	1 14	21 40	0 44	16 58	0 45	9 51	1 46	32 50	9 40	23 24	23 20	1 24		n.a.
M29	23 49	15 42	3 45	21 52	0s 4	16 54	2 3	1 41	2 4	18 17	1 14	21 41	0 44	16 58	0 45	9 52	1 46	32 50	9 40	23 24	23 20	1 27		n.a.
T 30	23 49	19 5	2 52	22 14	0 11	16 37	2 15	1 29	2 5	18 14	1 14	21 42	0 44	16 57	0 45	9 52	1 46	32 51	9 41	23 24	23 20	1 30		n.a.
W31	23s49	21n37	1s50	22s34	0s19	16s20	2n27	1n18	2n 5	18s10	1s14	21s43	0n44	16s56	0s45	9n52	1n46	32n51	9n41	23n24	23n21	1n32		n.a.

Julian Day Number = 1350663.5, Delta T = 07h07m36s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'21, Lahiri = -17°58'20 Julian Calendar 1 Dec. 1016 BCE == Greg. Calendar 21 Nov. 1016 BCE

The year -1015 astronomical counting style corresponds to year 1016 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

JANUARY 1015 BCE (-1014) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 2 31	1♑56'25	3♋ 5	11♐ 9	7♒45	2♎ 1	13♒51	11♐ 8	16♒16	9°R13	12°R27	10°R25	11♋ 1	15♈47	n.a.	T 1
F 2	6 6 28	2°57'10	16°14	12°35	8° 1	2°31	14° 3	11°15	16°19	9♍13	12♋26	10°D25	10°58	15°54	n.a.	F 2
S 3	6 10 24	3°57'54	29°37	14° 2	8°15	3° 0	14°16	11°22	16°22	9°12	12°24	10♋26	10°55	16° 1	n.a.	S 3
S 4	6 14 21	4°58'36	13♌13	15°30	8°27	3°30	14°29	11°28	16°24	9°12	12°23	10°26	10°51	16° 8	n.a.	S 4
M 5	6 18 18	5°59'17	27° 0	16°58	8°36	3°59	14°42	11°35	16°27	9°11	12°21	10°27	10°48	16°14	n.a.	M 5
T 6	6 22 14	6°59'57	10♍56	18°28	8°43	4°28	14°54	11°42	16°30	9°11	12°20	10°27	10°45	16°21	n.a.	T 6
W 7	6 26 11	8° 0'35	25° 0	19°58	8°48	4°57	15° 7	11°48	16°33	9°10	12°18	10°27	10°42	16°28	n.a.	W 7
T 8	6 30 7	9° 1'12	9♎ 9	21°30	8°51	5°26	15°20	11°55	16°36	9°10	12°17	10°R27	10°39	16°34	n.a.	T 8
F 9	6 34 4	10° 1'47	23°22	23° 2	8°R51	5°54	15°33	12° 2	16°38	9° 9	12°15	10°D27	10°36	16°41	n.a.	F 9
S 10	6 38 0	11° 2'21	7♏37	24°35	8°49	6°23	15°46	12° 8	16°41	9° 8	12°14	10°27	10°32	16°48	n.a.	S 10
S 11	6 41 57	12° 2'54	21°49	26°10	8°44	6°51	16° 0	12°15	16°44	9° 8	12°12	10°28	10°29	16°55	n.a.	S 11
M12	6 45 53	13° 3'25	5♐57	27°45	8°36	7°19	16°13	12°21	16°47	9° 7	12°11	10°28	10°26	17° 1	n.a.	M12
T 13	6 49 50	14° 3'55	19°57	29°21	8°26	7°46	16°26	12°27	16°50	9° 6	12° 9	10°28	10°23	17° 8	n.a.	T 13
W14	6 53 47	15° 4'23	3♑45	0♑57	8°14	8°14	16°39	12°34	16°53	9° 6	12° 8	10°R28	10°20	17°15	n.a.	W14
T 15	6 57 43	16° 4'50	17°19	2°35	7°59	8°41	16°53	12°40	16°56	9° 5	12° 6	10°28	10°16	17°22	n.a.	T 15
F 16	7 1 40	17° 5'14	0♒37	4°14	7°41	9° 8	17° 6	12°46	16°59	9° 4	12° 5	10°28	10°13	17°28	n.a.	F 16
S 17	7 5 36	18° 5'37	13°37	5°54	7°22	9°35	17°20	12°53	17° 2	9° 3	12° 3	10°27	10°10	17°35	n.a.	S 17
S 18	7 9 33	19° 5'57	26°20	7°34	6°59	10° 2	17°33	12°59	17° 5	9° 2	12° 2	10°26	10° 7	17°42	n.a.	S 18
M19	7 13 29	20° 6'15	8♓46	9°16	6°35	10°28	17°47	13° 5	17° 9	9° 1	12° 1	10°25	10° 4	17°48	n.a.	M19
T 20	7 17 26	21° 6'32	20°58	10°59	6° 8	10°54	18° 0	13°11	17°12	9° 0	11°59	10°23	10° 1	17°55	n.a.	T 20
W21	7 21 22	22° 6'46	2♈59	12°42	5°40	11°20	18°14	13°17	17°15	8°59	11°58	10°22	9°57	18° 2	n.a.	W21
T 22	7 25 19	23° 6'58	14°54	14°27	5° 9	11°46	18°28	13°23	17°18	8°58	11°56	10°21	9°54	18° 9	n.a.	T 22
F 23	7 29 16	24° 7'07	26°47	16°12	4°37	12°11	18°42	13°29	17°21	8°57	11°55	10°D21	9°51	18°15	n.a.	F 23
S 24	7 33 12	25° 7'15	8♉42	17°59	4° 3	12°37	18°55	13°35	17°24	8°56	11°53	10°22	9°48	18°22	n.a.	S 24
S 25	7 37 9	26° 7'20	20°44	19°47	3°28	13° 2	19° 9	13°41	17°28	8°55	11°52	10°23	9°45	18°29	n.a.	S 25
M26	7 41 5	27° 7'23	2♊58	21°36	2°52	13°26	19°23	13°47	17°31	8°54	11°50	10°24	9°41	18°36	n.a.	M26
T 27	7 45 2	28° 7'24	15°27	23°26	2°15	13°51	19°37	13°53	17°34	8°53	11°49	10°26	9°38	18°42	n.a.	T 27
W28	7 48 58	29° 7'22	28°15	25°17	1°37	14°15	19°51	13°58	17°37	8°52	11°48	10°27	9°35	18°49	n.a.	W28
T 29	7 52 55	0♒ 7'18	11♋23	27° 9	0°59	14°38	20° 5	14° 4	17°41	8°51	11°46	10°R27	9°32	18°56	n.a.	T 29
F 30	7 56 51	1° 7'13	24°52	29° 2	0°21	15° 2	20°19	14°10	17°44	8°49	11°45	10°27	9°29	19° 2	n.a.	F 30
S 31	8 0 48	2♒ 7'05	8♌41	0♒56	29♑43	15♎25	20♒33	14♐15	17♒47	8♍48	11♋44	10♋25	9♋26	19♈ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	23s48	23n 6	0s41	22s54	0s26	16s 3	2n40	1n 6	2n 5	18s 6	1s14	21s44	0n44	16s55	0s45	9n52	1n46	32n51	9n41	23n24	23n21	1n35			n.a.
F 2	23 47	23 21	0n32	23 13	0 34	15 47	2 52	0 54	2 6	18 2	1 13	21 45	0 44	16 54	0 45	9 52	1 46	32 52	9 41	23 24	23 21	1 38			n.a.
S 3	23 45	22 15	1 44	23 31	0 41	15 31	3 5	0 43	2 6	17 58	1 13	21 46	0 44	16 53	0 45	9 53	1 46	32 52	9 41	23 24	23 22	1 40			n.a.
S 4	23 43	19 51	2 52	23 48	0 47	15 15	3 18	0 31	2 6	17 55	1 13	21 47	0 44	16 53	0 45	9 53	1 46	32 52	9 41	23 24	23 22	1 43			n.a.
M 5	23 41	16 18	3 51	24 4	0 54	15 0	3 31	0 20	2 7	17 51	1 13	21 48	0 44	16 52	0 45	9 53	1 46	32 52	9 41	23 24	23 22	1 46			n.a.
T 6	23 38	11 49	4 36	24 18	1 0	14 45	3 45	0 8	2 7	17 47	1 13	21 49	0 44	16 51	0 45	9 53	1 46	32 53	9 41	23 24	23 22	1 49			n.a.
W 7	23 34	6 41	5 6	24 32	1 6	14 30	3 58	0s 3	2 8	17 43	1 13	21 50	0 44	16 50	0 45	9 54	1 46	32 53	9 42	23 24	23 23	1 51			n.a.
T 8	23 30	1 10	5 17	24 44	1 12	14 17	4 12	0 14	2 8	17 39	1 13	21 51	0 44	16 49	0 45	9 54	1 47	32 53	9 42	23 24	23 23	1 54			n.a.
F 9	23 26	4s26	5 9	24 55	1 18	14 3	4 26	0 25	2 8	17 35	1 13	21 52	0 44	16 48	0 45	9 54	1 47	32 53	9 42	23 24	23 23	1 57			n.a.
S 10	23 21	9 49	4 42	25 5	1 23	13 51	4 40	0 36	2 9	17 31	1 13	21 53	0 44	16 47	0 45	9 55	1 47	32 54	9 42	23 24	23 23	1 59			n.a.
S 11	23 16	14 40	3 58	25 13	1 28	13 39	4 54	0 47	2 9	17 27	1 13	21 54	0 44	16 46	0 45	9 55	1 47	32 54	9 42	23 24	23 24	2 2			n.a.
M12	23 10	18 41	3 0	25 20	1 33	13 27	5 7	0 58	2 9	17 23	1 13	21 55	0 44	16 45	0 45	9 55	1 47	32 54	9 42	23 24	23 24	2 5			n.a.
T 13	23 4	21 35	1 51	25 26	1 37	13 16	5 21	1 9	2 10	17 19	1 12	21 55	0 44	16 45	0 45	9 56	1 47	32 54	9 42	23 24	23 24	2 7			n.a.
W14	22 57	23 9	0 37	25 30	1 41	13 6	5 35	1 20	2 10	17 14	1 12	21 56	0 44	16 44	0 45	9 56	1 47	32 55	9 42	23 24	23 24	2 10			n.a.
T 15	22 50	23 18	0s38	25 32	1 45	12 57	5 48	1 30	2 10	17 10	1 12	21 57	0 44	16 43	0 45	9 56	1 47	32 55	9 42	23 24	23 25	2 13			n.a.
F 16	22 42	22 7	1 49	25 33	1 48	12 49	6 2	1 41	2 11	17 6	1 12	21 58	0 44	16 42	0 45	9 57	1 47	32 55	9 42	23 24	23 25	2 15			n.a.
S 17	22 34	19 46	2 54	25 32	1 51	12 41	6 15	1 51	2 11	17 2	1 12	21 59	0 43	16 41	0 44	9 57	1 47	32 55	9 42	23 24	23 25	2 18			n.a.
S 18	22 26	16 30	3 48	25 29	1 54	12 34	6 27	2 2	2 11	16 57	1 12	22 0	0 43	16 40	0 44	9 57	1 47	32 55	9 42	23 24	23 25	2 21			n.a.
M19	22 17	12 34	4 30	25 25	1 56	12 28	6 40	2 12	2 11	16 53	1 12	22 1	0 43	16 39	0 44	9 58	1 47	32 56	9 42	23 24	23 26	2 23			n.a.
T 20	22 8	8 11	4 58	25 19	1 58	12 23	6 52	2 22	2 12	16 49	1 12	22 1	0 43	16 38	0 44	9 58	1 47	32 56	9 42	23 24	23 26	2 26			n.a.
W21	21 58	3 35	5 14	25 11	2 0	12 19	7 3	2 32	2 12	16 44	1 12	22 2	0 43	16 37	0 44	9 59	1 47	32 56	9 42	23 24	23 26	2 29			n.a.
T 22	21 48	1n 7	5 15	25 1	2 1	12 16	7 14	2 42	2 12	16 40	1 12	22 3	0 43	16 36	0 44	9 59	1 47	32 56	9 42	23 24	23 26	2 31			n.a.
F 23	21 38	5 46	5 3	24 50	2 2	12 13	7 24	2 52	2 13	16 36	1 12	22 4	0 43	16 35	0 44	10 0	1 47	32 56	9 42	23 24	23 27	2 34			n.a.
S 24	21 27	10 14	4 39	24 36	2 2	12 12	7 34	3 1	2 13	16 31	1 12	22 4	0 43	16 34	0 44	10 0	1 47	32 56	9 42	23 24	23 27	2 37			n.a.
S 25	21 15	14 20	4 1	24 20	2 2	12 11	7 42	3 11	2 13	16 27	1 12	22 5	0 43	16 33	0 44	10 0	1 47	32 56	9 43	23 24	23 27	2 40			n.a.
M26	21 4	17 56	3 13	24 3	2 1	12 11	7 51	3 21	2 13	16 22	1 12	22 6	0 43	16 32	0 44	10 1	1 48	32 57	9 43	23 24	23 27	2 42			n.a.
T 27	20 52	20 48	2 14	23 43	2 0	12 13	7 58	3 30	2 14	16 18	1 12	22 7	0 43	16 31	0 44	10 1	1 48	32 57	9 43	23 24	23 28	2 45			n.a.
W28	20 39	22 41	1 7	23 21	1 58	12 15	8 4	3 39	2 14	16 13	1 12	22 7	0 43	16 30	0 44	10 2	1 48	32 57	9 43	23 24	23 28	2 48			n.a.
T 29	20 27	23 24	0n 5	22 57	1 56	12 17	8 9	3 48	2 14	16 9	1 12	22 8	0 43	16 29	0 44	10 2	1 48	32 57	9 43	23 24	23 28	2 50			n.a.
F 30	20 13	22 47	1 19	22 31	1 53	12 21	8 14	3 57	2 14	16 4	1 12	22 9	0 43	16 28	0 44	10 3	1 48	32 57	9 42	23 24	23 28	2 53			n.a.
S 31	20s 0	20n46	2n29	22s 3	1s50	12s25	8n18	4s 6	2n14	16s 0	1s12	22s 9	0n43	16s27	0s44	10n 3	1n48	32n57	9n42	23n24	23n28	2n56			n.a.

Julian Day Number = 1350694.5, Delta T = 07h07m35s
Ecliptic obliquity = 23°48'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'17, Lahiri = -17°58'16 Julian Calendar 1 Jan. 1015 BCE == Greg. Calendar 22 Dec. 1016 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

FEBRUARY 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 4 45	3♒ 6'55	22♌45	2♒51	29°R 6	15♎48	20♒47	14♐21	17♒51	8°R47	11°R42	10°R22	9♋22	19♈16	n.a.	S 1
M 2	8 8 41	4° 6'42	7♍ 1	4°47	28♏29	16°11	21° 1	14°26	17°54	8♍46	11♋41	10♋19	9°19	19°23	n.a.	M 2
T 3	8 12 38	5° 6'28	21°24	6°43	27°53	16°33	21°15	14°31	17°57	8°44	11°40	10°15	9°16	19°29	n.a.	T 3
W 4	8 16 34	6° 6'12	5♎49	8°41	27°19	16°55	21°30	14°37	18° 1	8°43	11°38	10°12	9°13	19°36	n.a.	W 4
T 5	8 20 31	7° 5'54	20°11	10°39	26°46	17°16	21°44	14°42	18° 4	8°42	11°37	10°10	9°10	19°43	n.a.	T 5
F 6	8 24 27	8° 5'35	4♏25	12°38	26°14	17°38	21°58	14°47	18° 7	8°40	11°36	10°D 9	9° 7	19°49	n.a.	F 6
S 7	8 28 24	9° 5'13	18°31	14°37	25°44	17°59	22°12	14°52	18°11	8°39	11°34	10° 9	9° 3	19°56	n.a.	S 7
S 8	8 32 20	10° 4'50	2♐26	16°36	25°16	18°19	22°26	14°57	18°14	8°38	11°33	10°11	9° 0	20° 3	n.a.	S 8
M 9	8 36 17	11° 4'25	16°11	18°36	24°50	18°39	22°41	15° 2	18°18	8°36	11°32	10°12	8°57	20°10	n.a.	M 9
T 10	8 40 14	12° 3'58	29°43	20°35	24°26	18°59	22°55	15° 7	18°21	8°35	11°31	10°13	8°54	20°16	n.a.	T 10
W11	8 44 10	13° 3'29	13♑ 4	22°34	24° 5	19°18	23° 9	15°12	18°24	8°33	11°29	10°R14	8°51	20°23	n.a.	W11
T 12	8 48 7	14° 2'58	26°14	24°31	23°46	19°37	23°24	15°17	18°28	8°32	11°28	10°13	8°47	20°30	n.a.	T 12
F 13	8 52 3	15° 2'25	9♒11	26°28	23°29	19°56	23°38	15°22	18°31	8°31	11°27	10°10	8°44	20°37	n.a.	F 13
S 14	8 56 0	16° 1'50	21°55	28°23	23°15	20°14	23°52	15°26	18°35	8°29	11°26	10° 5	8°41	20°43	n.a.	S 14
S 15	8 59 56	17° 1'12	4♓27	0♓16	23° 3	20°32	24° 7	15°31	18°38	8°28	11°25	9°59	8°38	20°50	n.a.	S 15
M16	9 3 53	18° 0'32	16°47	2° 6	22°54	20°49	24°21	15°35	18°41	8°26	11°23	9°52	8°35	20°57	n.a.	M16
T 17	9 7 49	18°59'50	28°56	3°54	22°47	21° 6	24°36	15°40	18°45	8°25	11°22	9°45	8°32	21° 3	n.a.	T 17
W18	9 11 46	19°59'06	10♈56	5°38	22°42	21°22	24°50	15°44	18°48	8°23	11°21	9°38	8°28	21°10	n.a.	W18
T 19	9 15 42	20°58'19	22°50	7°19	22°D40	21°38	25° 4	15°48	18°52	8°21	11°20	9°33	8°25	21°17	n.a.	T 19
F 20	9 19 39	21°57'29	4♉41	8°56	22°40	21°53	25°19	15°52	18°55	8°20	11°19	9°30	8°22	21°24	n.a.	F 20
S 21	9 23 36	22°56'38	16°35	10°28	22°43	22° 8	25°33	15°57	18°58	8°18	11°18	9°28	8°19	21°30	n.a.	S 21
S 22	9 27 32	23°55'43	28°35	11°55	22°48	22°23	25°48	16° 1	19° 2	8°17	11°17	9°D28	8°16	21°37	n.a.	S 22
M23	9 31 29	24°54'47	10♊46	13°18	22°55	22°37	26° 2	16° 5	19° 5	8°15	11°16	9°29	8°13	21°44	n.a.	M23
T 24	9 35 25	25°53'48	23°15	14°34	23° 5	22°50	26°16	16° 8	19° 9	8°14	11°15	9°30	8° 9	21°50	n.a.	T 24
W25	9 39 22	26°52'47	6♋ 4	15°45	23°16	23° 3	26°31	16°12	19°12	8°12	11°14	9°R31	8° 6	21°57	n.a.	W25
T 26	9 43 18	27°51'43	19°18	16°50	23°30	23°15	26°45	16°16	19°15	8°10	11°13	9°31	8° 3	22° 4	n.a.	T 26
F 27	9 47 15	28°50'37	2♌58	17°49	23°46	23°27	27° 0	16°20	19°19	8° 9	11°12	9°28	8° 0	22°11	n.a.	F 27
S 28	9 51 11	29♒49'29	17♌ 3	18♓42	24♑ 3	23♎38	27♒14	16♐23	19♒22	8♍ 7	11♋11	9♋24	7♋57	22♈17	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	19s46	17n29	3n32	21s33	1s46	12s30	8n20	4s15	2n15	15s55	1s12	22s10	0n43	16s26	0s44	10n 4	1n48	32n57	9n42	23n24	23n29	2n58			n.a.
M 2	19 32	13 7	4 23	21 1	1 42	12 36	8 22	4 24	2 15	15 50	1 11	22 11	0 43	16 25	0 44	10 4	1 48	32 57	9 42	23 24	23 29	3 1			n.a.
T 3	19 17	7 59	4 57	20 27	1 37	12 42	8 23	4 32	2 15	15 46	1 11	22 11	0 43	16 23	0 44	10 5	1 48	32 58	9 42	23 25	23 29	3 4			n.a.
W 4	19 2	2 26	5 13	19 50	1 31	12 49	8 22	4 40	2 15	15 41	1 11	22 12	0 43	16 22	0 44	10 5	1 48	32 58	9 42	23 25	23 29	3 6			n.a.
T 5	18 47	3s15	5 9	19 12	1 25	12 56	8 21	4 49	2 15	15 36	1 11	22 13	0 43	16 21	0 44	10 6	1 48	32 58	9 42	23 25	23 30	3 9			n.a.
F 6	18 32	8 43	4 46	18 32	1 18	13 4	8 19	4 57	2 15	15 32	1 11	22 13	0 43	16 20	0 44	10 7	1 48	32 58	9 42	23 25	23 30	3 12			n.a.
S 7	18 16	13 40	4 6	17 50	1 11	13 12	8 16	5 5	2 15	15 27	1 11	22 14	0 43	16 19	0 44	10 7	1 48	32 58	9 42	23 25	23 30	3 15			n.a.
S 8	18 0	17 50	3 12	17 6	1 3	13 20	8 13	5 13	2 15	15 22	1 11	22 14	0 43	16 18	0 44	10 8	1 48	32 58	9 42	23 25	23 30	3 17			n.a.
M 9	17 43	20 58	2 8	16 20	0 54	13 29	8 8	5 20	2 15	15 18	1 11	22 15	0 43	16 17	0 44	10 8	1 48	32 58	9 42	23 25	23 30	3 20			n.a.
T 10	17 27	22 52	0 57	15 33	0 44	13 38	8 3	5 28	2 16	15 13	1 11	22 16	0 43	16 16	0 44	10 9	1 48	32 58	9 42	23 25	23 31	3 23			n.a.
W11	17 10	23 25	0s16	14 45	0 35	13 47	7 58	5 35	2 16	15 8	1 11	22 16	0 43	16 15	0 44	10 9	1 48	32 58	9 42	23 25	23 31	3 25			n.a.
T 12	16 52	22 39	1 26	13 56	0 24	13 57	7 51	5 42	2 16	15 3	1 11	22 17	0 43	16 14	0 44	10 10	1 48	32 58	9 42	23 25	23 31	3 28			n.a.
F 13	16 35	20 40	2 31	13 6	0 13	14 6	7 45	5 49	2 16	14 58	1 11	22 17	0 43	16 13	0 44	10 11	1 48	32 58	9 42	23 25	23 31	3 31			n.a.
S 14	16 17	17 41	3 27	12 15	0 2	14 16	7 37	5 56	2 16	14 54	1 11	22 18	0 43	16 12	0 44	10 11	1 48	32 58	9 42	23 26	23 32	3 33			n.a.
S 15	15 59	13 56	4 13	11 24	0n10	14 25	7 30	6 3	2 16	14 49	1 11	22 18	0 43	16 11	0 44	10 12	1 48	32 58	9 42	23 26	23 32	3 36			n.a.
M16	15 40	9 39	4 45	10 33	0 22	14 35	7 21	6 10	2 15	14 44	1 11	22 19	0 43	16 10	0 44	10 12	1 48	32 58	9 42	23 27	23 32	3 39			n.a.
T 17	15 22	5 4	5 4	9 42	0 35	14 45	7 13	6 16	2 15	14 39	1 11	22 19	0 43	16 8	0 44	10 13	1 48	32 58	9 41	23 27	23 32	3 42			n.a.
W18	15 3	0 20	5 9	8 51	0 47	14 54	7 4	6 22	2 15	14 34	1 11	22 20	0 43	16 7	0 44	10 14	1 48	32 58	9 41	23 28	23 32	3 44			n.a.
T 19	14 44	4n22	5 1	8 2	1 0	15 3	6 55	6 29	2 15	14 29	1 11	22 20	0 43	16 6	0 44	10 14	1 48	32 58	9 41	23 28	23 33	3 47			n.a.
F 20	14 25	8 53	4 40	7 13	1 13	15 13	6 45	6 35	2 15	14 24	1 11	22 21	0 43	16 5	0 44	10 15	1 49	32 58	9 41	23 28	23 33	3 50			n.a.
S 21	14 5	13 7	4 7	6 27	1 26	15 22	6 36	6 40	2 15	14 19	1 11	22 21	0 43	16 4	0 44	10 15	1 49	32 58	9 41	23 28	23 33	3 52			n.a.
S 22	13 45	16 51	3 23	5 41	1 38	15 31	6 26	6 46	2 15	14 14	1 11	22 22	0 43	16 3	0 44	10 16	1 49	32 58	9 41	23 28	23 33	3 55			n.a.
M23	13 25	19 57	2 29	4 58	1 50	15 39	6 16	6 51	2 14	14 9	1 11	22 22	0 43	16 2	0 44	10 17	1 49	32 58	9 41	23 28	23 33	3 58			n.a.
T 24	13 5	22 12	1 27	4 17	2 2	15 47	6 6	6 57	2 14	14 4	1 11	22 22	0 43	16 1	0 44	10 17	1 49	32 58	9 41	23 28	23 34	4 1			n.a.
W25	12 45	23 22	0 19	3 39	2 14	15 56	5 56	7 2	2 14	13 59	1 11	22 23	0 43	16 0	0 44	10 18	1 49	32 58	9 41	23 28	23 34	4 3			n.a.
T 26	12 24	23 16	0n53	3 3	2 25	16 3	5 46	7 7	2 14	13 54	1 11	22 23	0 43	15 59	0 44	10 19	1 49	32 58	9 40	23 28	23 34	4 6			n.a.
F 27	12 4	21 48	2 3	2 31	2 35	16 11	5 36	7 11	2 13	13 49	1 12	22 24	0 43	15 58	0 44	10 19	1 49	32 58	9 40	23 28	23 34	4 9			n.a.
S 28	11s43	18n57	3n 8	2s 1	2n45	16s18	5n25	7s16	2n13	13s44	1s12	22s24	0n43	15s57	0s44	10n20	1n49	32n58	9n40	23n29	23n34	4n11			n.a.

Julian Day Number = 1350725.5, Delta T = 07h07m33s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'12, Lahiri = -17°58'12 Julian Calendar 1 Feb. 1015 BCE == Greg. Calendar 22 Jan. 1015 BCE

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

MARCH 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 55 8	0♓48'18	1♍30	19♓28	24♉23	23♎49	27♒28	16♐27	19♒26	8°R 6	11°R10	9°R17	7♋53	22♈24	n.a.	S 1
M 2	9 59 4	1°47'05	16°13	20° 7	24°44	23°59	27°43	16°30	19°29	8♍ 4	11♋10	9♋ 9	7°50	22°31	n.a.	M 2
T 3	10 3 1	2°45'50	1♎ 4	20°40	25° 7	24° 8	27°57	16°33	19°32	8° 2	11° 9	9° 1	7°47	22°38	n.a.	T 3
W 4	10 6 58	3°44'33	15°55	21° 6	25°32	24°17	28°11	16°37	19°36	8° 1	11° 8	8°53	7°44	22°44	n.a.	W 4
T 5	10 10 54	4°43'15	0♏37	21°25	25°59	24°26	28°26	16°40	19°39	7°59	11° 7	8°47	7°41	22°51	n.a.	T 5
F 6	10 14 51	5°41'54	15° 6	21°38	26°27	24°33	28°40	16°43	19°42	7°57	11° 6	8°43	7°38	22°58	n.a.	F 6
S 7	10 18 47	6°40'32	29°16	21°R44	26°57	24°40	28°55	16°46	19°46	7°56	11° 6	8°42	7°34	23° 4	n.a.	S 7
S 8	10 22 44	7°39'08	13♐ 7	21°43	27°28	24°47	29° 9	16°49	19°49	7°54	11° 5	8°D41	7°31	23°11	n.a.	S 8
M 9	10 26 40	8°37'42	26°40	21°37	28° 1	24°52	29°23	16°51	19°52	7°53	11° 4	8°42	7°28	23°18	n.a.	M 9
T 10	10 30 37	9°36'15	9♑56	21°25	28°35	24°57	29°37	16°54	19°55	7°51	11° 4	8°R42	7°25	23°25	n.a.	T 10
W11	10 34 33	10°34'45	22°58	21° 7	29°10	25° 1	29°52	16°57	19°59	7°49	11° 3	8°42	7°22	23°31	n.a.	W11
T 12	10 38 30	11°33'14	5♒46	20°44	29°46	25° 5	0♓ 6	16°59	20° 2	7°48	11° 2	8°38	7°19	23°38	n.a.	T 12
F 13	10 42 27	12°31'41	18°23	20°17	0♒24	25° 8	0°20	17° 2	20° 5	7°46	11° 2	8°32	7°15	23°45	n.a.	F 13
S 14	10 46 23	13°30'06	0♓50	19°45	1° 3	25°10	0°34	17° 4	20° 8	7°44	11° 1	8°24	7°12	23°51	n.a.	S 14
S 15	10 50 20	14°28'29	13° 8	19°11	1°43	25°11	0°49	17° 6	20°12	7°43	11° 1	8°13	7° 9	23°58	n.a.	S 15
M16	10 54 16	15°26'51	25°18	18°33	2°24	25°R12	1° 3	17° 8	20°15	7°41	11° 0	8° 1	7° 6	24° 5	n.a.	M16
T 17	10 58 13	16°25'10	7♈20	17°53	3° 6	25°12	1°17	17°10	20°18	7°39	11° 0	7°48	7° 3	24°12	n.a.	T 17
W18	11 2 9	17°23'27	19°17	17°13	3°49	25°11	1°31	17°12	20°21	7°38	10°59	7°36	6°59	24°18	n.a.	W18
T 19	11 6 6	18°21'42	1♉ 8	16°31	4°33	25°10	1°45	17°14	20°24	7°36	10°59	7°26	6°56	24°25	n.a.	T 19
F 20	11 10 2	19°19'55	12°59	15°51	5°18	25° 7	1°59	17°16	20°27	7°35	10°59	7°18	6°53	24°32	n.a.	F 20
S 21	11 13 59	20°18'06	24°51	15°11	6° 4	25° 4	2°13	17°17	20°30	7°33	10°58	7°13	6°50	24°38	n.a.	S 21
S 22	11 17 55	21°16'15	6♊49	14°32	6°50	25° 0	2°27	17°19	20°33	7°31	10°58	7°10	6°47	24°45	n.a.	S 22
M23	11 21 52	22°14'21	18°58	13°56	7°37	24°56	2°41	17°21	20°36	7°30	10°58	7°D 9	6°44	24°52	n.a.	M23
T 24	11 25 49	23°12'26	1♋23	13°23	8°26	24°51	2°55	17°22	20°39	7°28	10°57	7°R 9	6°40	24°59	n.a.	T 24
W25	11 29 45	24°10'29	14° 9	12°53	9°14	24°44	3° 9	17°23	20°42	7°27	10°57	7° 9	6°37	25° 5	n.a.	W25
T 26	11 33 42	25° 8'30	27°20	12°27	10° 4	24°38	3°23	17°24	20°45	7°25	10°57	7° 8	6°34	25°12	n.a.	T 26
F 27	11 37 38	26° 6'28	11♌ 0	12° 5	10°54	24°30	3°37	17°25	20°48	7°24	10°57	7° 4	6°31	25°19	n.a.	F 27
S 28	11 41 35	27° 4'25	25°10	11°48	11°45	24°22	3°51	17°26	20°51	7°22	10°56	6°58	6°28	25°25	n.a.	S 28
S 29	11 45 31	28° 2'19	9♍46	11°34	12°37	24°13	4° 4	17°27	20°54	7°21	10°56	6°50	6°24	25°32	n.a.	S 29
M30	11 49 28	29° 0'12	24°44	11°26	13°29	24° 3	4°18	17°28	20°57	7°19	10°56	6°40	6°21	25°39	n.a.	M30
T 31	11 53 24	29♓58'03	9♎54	11°D22	14♒22	23♎52	4♓32	17♐29	21♒ 0	7♍18	10♋56	6♋29	6♋18	25♈46	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s22	14n52	4n 2	1s35	2n54	16s25	5n15	7s20	2n12	13s39	1s12	22s24	0n43	15s56	0s44	10n20	1n49	32n58	9n40	23n29	23n35	4n14			n.a.
M 2	11 0	9 50	4 42	1 12	3 2	16 31	5 5	7 24	2 12	13 34	1 12	22 25	0 43	15 55	0 44	10 21	1 49	32 58	9 40	23 30	23 35	4 17			n.a.
T 3	10 39	4 11	5 3	0 52	3 9	16 37	4 55	7 28	2 12	13 29	1 12	22 25	0 43	15 53	0 44	10 22	1 49	32 58	9 40	23 30	23 35	4 20			n.a.
W 4	10 17	1s42	5 3	0 37	3 15	16 42	4 45	7 32	2 11	13 24	1 12	22 25	0 43	15 52	0 44	10 22	1 49	32 58	9 40	23 31	23 35	4 22			n.a.
T 5	9 56	7 27	4 44	0 25	3 19	16 47	4 34	7 36	2 10	13 19	1 12	22 26	0 43	15 51	0 44	10 23	1 49	32 58	9 39	23 31	23 35	4 25			n.a.
F 6	9 34	12 42	4 7	0 16	3 23	16 52	4 24	7 39	2 10	13 14	1 12	22 26	0 43	15 50	0 44	10 24	1 49	32 58	9 39	23 31	23 36	4 28			n.a.
S 7	9 12	17 9	3 15	0 12	3 25	16 56	4 14	7 42	2 9	13 9	1 12	22 26	0 43	15 49	0 44	10 24	1 49	32 58	9 39	23 32	23 36	4 30			n.a.
S 8	8 50	20 33	2 12	0 11	3 26	17 0	4 5	7 45	2 9	13 4	1 12	22 27	0 43	15 48	0 44	10 25	1 49	32 57	9 39	23 32	23 36	4 33			n.a.
M 9	8 28	22 43	1 4	0 14	3 25	17 3	3 55	7 48	2 8	12 59	1 12	22 27	0 43	15 47	0 44	10 26	1 49	32 57	9 39	23 32	23 36	4 36			n.a.
T 10	8 5	23 33	0s 7	0 21	3 23	17 6	3 45	7 50	2 7	12 54	1 12	22 27	0 42	15 46	0 44	10 26	1 49	32 57	9 39	23 31	23 36	4 39			n.a.
W11	7 43	23 4	1 15	0 31	3 20	17 8	3 35	7 53	2 6	12 49	1 12	22 28	0 42	15 45	0 44	10 27	1 49	32 57	9 38	23 32	23 36	4 41			n.a.
T 12	7 20	21 22	2 19	0 45	3 15	17 10	3 26	7 55	2 5	12 44	1 12	22 28	0 42	15 44	0 44	10 27	1 49	32 57	9 38	23 32	23 37	4 44			n.a.
F 13	6 58	18 38	3 15	1 2	3 8	17 11	3 17	7 57	2 5	12 39	1 12	22 28	0 42	15 43	0 44	10 28	1 49	32 57	9 38	23 32	23 37	4 47			n.a.
S 14	6 35	15 5	4 0	1 22	3 0	17 12	3 7	7 58	2 4	12 34	1 12	22 28	0 42	15 42	0 44	10 29	1 49	32 57	9 38	23 33	23 37	4 49			n.a.
S 15	6 12	10 55	4 34	1 44	2 51	17 12	2 58	8 0	2 3	12 29	1 12	22 29	0 42	15 41	0 44	10 29	1 49	32 57	9 38	23 33	23 37	4 52			n.a.
M16	5 49	6 23	4 54	2 9	2 40	17 11	2 49	8 1	2 2	12 24	1 12	22 29	0 42	15 40	0 44	10 30	1 49	32 57	9 38	23 34	23 37	4 55			n.a.
T 17	5 26	1 39	5 2	2 36	2 28	17 11	2 40	8 2	2 0	12 19	1 12	22 29	0 42	15 39	0 44	10 30	1 49	32 56	9 37	23 35	23 38	4 58			n.a.
W18	5 3	3n 7	4 55	3 4	2 15	17 9	2 31	8 3	1 59	12 14	1 12	22 29	0 42	15 38	0 45	10 31	1 49	32 56	9 37	23 36	23 38	5 0			n.a.
T 19	4 40	7 44	4 37	3 33	2 1	17 7	2 23	8 3	1 58	12 9	1 13	22 29	0 42	15 37	0 45	10 32	1 49	32 56	9 37	23 36	23 38	5 3			n.a.
F 20	4 17	12 5	4 6	4 3	1 46	17 5	2 14	8 4	1 57	12 4	1 13	22 30	0 42	15 36	0 45	10 32	1 49	32 56	9 37	23 37	23 38	5 6			n.a.
S 21	3 54	15 59	3 24	4 33	1 30	17 1	2 6	8 4	1 56	11 59	1 13	22 30	0 42	15 35	0 45	10 33	1 49	32 56	9 37	23 37	23 38	5 8			n.a.
S 22	3 31	19 16	2 33	5 3	1 14	16 58	1 57	8 4	1 54	11 54	1 13	22 30	0 42	15 34	0 45	10 34	1 49	32 56	9 37	23 37	23 38	5 11			n.a.
M23	3 8	21 46	1 35	5 32	0 58	16 54	1 49	8 3	1 53	11 48	1 13	22 30	0 42	15 33	0 45	10 34	1 49	32 55	9 36	23 37	23 39	5 14			n.a.
T 24	2 44	23 18	0 31	6 0	0 41	16 49	1 41	8 3	1 51	11 43	1 13	22 30	0 42	15 32	0 45	10 35	1 49	32 55	9 36	23 37	23 39	5 17			n.a.
W25	2 21	23 40	0n37	6 27	0 25	16 43	1 34	8 2	1 50	11 38	1 13	22 30	0 42	15 31	0 45	10 35	1 49	32 55	9 36	23 37	23 39	5 19			n.a.
T 26	1 58	22 44	1 45	6 52	0 8	16 38	1 26	8 1	1 48	11 33	1 13	22 30	0 42	15 30	0 45	10 36	1 49	32 55	9 36	23 37	23 39	5 22			n.a.
F 27	1 34	20 27	2 49	7 15	0s 8	16 31	1 18	8 0	1 46	11 28	1 13	22 30	0 42	15 29	0 45	10 36	1 49	32 55	9 36	23 37	23 39	5 25			n.a.
S 28	1 11	16 51	3 45	7 37	0 24	16 24	1 11	7 58	1 44	11 23	1 13	22 31	0 42	15 28	0 45	10 37	1 49	32 55	9 35	23 38	23 39	5 27			n.a.
S 29	0 48	12 9	4 28	7 56	0 39	16 17	1 3	7 57	1 43	11 18	1 13	22 31	0 42	15 28	0 45	10 38	1 49	32 54	9 35	23 38	23 39	5 30			n.a.
M30	0 24	6 37	4 54	8 13	0 54	16 8	0 56	7 55	1 41	11 13	1 14	22 31	0 42	15 27	0 45	10 38	1 49	32 54	9 35	23 39	23 40	5 33			n.a.
T 31	0s 1	0n36	5n 0	8s27	1s 7	16s 0	0n49	7s53	1n39	11s 8	1s14	22s31	0n42	15s26	0s45	10n39	1n49	32n54	9n35	23n39	23n40	5n36			n.a.

Julian Day Number = 1350753.5, Delta T = 07h07m32s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'09, Lahiri = -17°58'08 Julian Calendar 1 March 1015 BCE == Greg. Calendar 19 Feb. 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

APRIL 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 57 21	0♈55'52	25♎ 6	11♓23	15♒15	23°R41	4♓45	17♐29	21♒ 3	7°R16	10°R56	6°R18	6♋15	25♈52	n.a.	W 1
T 2	12 1 17	1°53'40	10♏ 9	11°29	16° 9	23♎29	4°59	17°30	21° 5	7♏15	10°D56	6♋10	6°12	25°59	n.a.	T 2
F 3	12 5 14	2°51'27	24°55	11°39	17° 3	23°17	5°12	17°30	21° 8	7°13	10♋56	6° 4	6° 9	26° 6	n.a.	F 3
S 4	12 9 11	3°49'13	9♐18	11°54	17°58	23° 3	5°26	17°31	21°11	7°12	10°56	6° 0	6° 5	26°12	n.a.	S 4
S 5	12 13 7	4°46'57	23°16	12°14	18°54	22°49	5°39	17°31	21°14	7°10	10°56	5°59	6° 2	26°19	n.a.	S 5
M 6	12 17 4	5°44'40	6♑50	12°38	19°50	22°35	5°53	17°31	21°16	7° 9	10°56	5°59	5°59	26°26	n.a.	M 6
T 7	12 21 0	6°42'21	20° 1	13° 6	20°46	22°20	6° 6	17°R31	21°19	7° 8	10°56	5°59	5°56	26°33	n.a.	T 7
W 8	12 24 57	7°40'02	2♒52	13°38	21°43	22° 4	6°19	17°31	21°21	7° 6	10°57	5°57	5°53	26°39	n.a.	W 8
T 9	12 28 53	8°37'41	15°29	14°14	22°40	21°48	6°33	17°31	21°24	7° 5	10°57	5°53	5°50	26°46	n.a.	T 9
F 10	12 32 50	9°35'19	27°52	14°55	23°38	21°31	6°46	17°31	21°27	7° 3	10°57	5°47	5°46	26°53	n.a.	F 10
S 11	12 36 46	10°32'56	10♓ 6	15°38	24°36	21°13	6°59	17°30	21°29	7° 2	10°57	5°37	5°43	26°59	n.a.	S 11
S 12	12 40 43	11°30'31	22°13	16°26	25°35	20°55	7°12	17°30	21°32	7° 1	10°57	5°26	5°40	27° 6	n.a.	S 12
M13	12 44 40	12°28'06	4♈13	17°17	26°33	20°37	7°25	17°29	21°34	7° 0	10°58	5°12	5°37	27°13	n.a.	M13
T 14	12 48 36	13°25'39	16° 9	18°11	27°33	20°19	7°38	17°29	21°36	6°58	10°58	4°58	5°34	27°20	n.a.	T 14
W15	12 52 33	14°23'10	28° 1	19° 9	28°32	20° 0	7°51	17°28	21°39	6°57	10°58	4°45	5°30	27°26	n.a.	W15
T 16	12 56 29	15°20'40	9♉52	20°10	29°32	19°40	8° 4	17°27	21°41	6°56	10°59	4°34	5°27	27°33	n.a.	T 16
F 17	13 0 26	16°18'09	21°42	21°14	0♓32	19°21	8°17	17°26	21°43	6°55	10°59	4°24	5°24	27°40	n.a.	F 17
S 18	13 4 22	17°15'37	3♊35	22°21	1°33	19° 1	8°29	17°25	21°46	6°54	11° 0	4°18	5°21	27°46	n.a.	S 18
S 19	13 8 19	18°13'04	15°35	23°31	2°34	18°41	8°42	17°24	21°48	6°52	11° 0	4°15	5°18	27°53	n.a.	S 19
M20	13 12 15	19°10'29	27°44	24°44	3°35	18°21	8°55	17°23	21°50	6°51	11° 0	4°13	5°15	28° 0	n.a.	M20
T 21	13 16 12	20° 7'52	10♋ 8	25°59	4°36	18° 1	9° 7	17°21	21°52	6°50	11° 1	4°D13	5°11	28° 7	n.a.	T 21
W22	13 20 9	21° 5'15	22°51	27°17	5°38	17°40	9°20	17°20	21°54	6°49	11° 2	4°R13	5° 8	28°13	n.a.	W22
T 23	13 24 5	22° 2'36	5♌58	28°38	6°40	17°20	9°32	17°18	21°56	6°48	11° 2	4°13	5° 5	28°20	n.a.	T 23
F 24	13 28 2	22°59'55	19°32	0♈ 2	7°42	17° 0	9°44	17°17	21°59	6°47	11° 3	4°10	5° 2	28°27	n.a.	F 24
S 25	13 31 58	23°57'13	3♍36	1°28	8°44	16°40	9°57	17°15	22° 1	6°46	11° 3	4° 5	4°59	28°33	n.a.	S 25
S 26	13 35 55	24°54'30	18° 9	2°57	9°47	16°20	10° 9	17°13	22° 2	6°45	11° 4	3°58	4°55	28°40	n.a.	S 26
M27	13 39 51	25°51'46	3♎ 6	4°29	10°50	16° 1	10°21	17°11	22° 4	6°44	11° 5	3°49	4°52	28°47	n.a.	M27
T 28	13 43 48	26°49'01	18°19	6° 3	11°53	15°41	10°33	17°10	22° 6	6°43	11° 5	3°40	4°49	28°54	n.a.	T 28
W29	13 47 44	27°46'15	3♏39	7°40	12°56	15°22	10°45	17° 8	22° 8	6°42	11° 6	3°31	4°46	29° 0	n.a.	W29
T 30	13 51 41	28♈43'28	18♏53	9♈19	14♓ 0	15♎ 3	10♓57	17♐ 5	22♒10	6♍41	11♋ 7	3♋23	4♋43	29♈ 7	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n23	5s27	4n45	8s39	1s21	15s51	0n42	7s51	1n37	11s 3	1s14	22s31	0n42	15s25	0s45	10n39	1n49	32n54	9n35	23n40	23n40	5n38		n.a.
T 2	0 46	11 9	4 10	8 48	1 33	15 41	0 36	7 48	1 34	10 58	1 14	22 31	0 42	15 24	0 45	10 40	1 49	32 54	9 34	23 40	23 40	5 41		n.a.
F 3	1 9	16 5	3 19	8 55	1 45	15 31	0 29	7 45	1 32	10 54	1 14	22 31	0 42	15 23	0 45	10 40	1 49	32 53	9 34	23 40	23 40	5 44		n.a.
S 4	1 32	19 57	2 16	8 59	1 56	15 20	0 22	7 43	1 30	10 49	1 14	22 31	0 42	15 22	0 45	10 41	1 49	32 53	9 34	23 41	23 40	5 46		n.a.
S 5	1 56	22 32	1 7	9 1	2 6	15 8	0 16	7 40	1 28	10 44	1 14	22 31	0 42	15 21	0 45	10 41	1 49	32 53	9 34	23 41	23 41	5 49		n.a.
M 6	2 19	23 43	0s 4	9 0	2 15	14 57	0 10	7 36	1 25	10 39	1 14	22 31	0 42	15 20	0 45	10 42	1 49	32 53	9 34	23 41	23 41	5 52		n.a.
T 7	2 42	23 30	1 13	8 57	2 24	14 44	0 4	7 33	1 23	10 34	1 14	22 31	0 42	15 20	0 45	10 42	1 49	32 53	9 33	23 41	23 41	5 55		n.a.
W 8	3 5	22 3	2 17	8 51	2 31	14 31	0s 2	7 29	1 20	10 29	1 15	22 31	0 42	15 19	0 45	10 43	1 49	32 52	9 33	23 41	23 41	5 57		n.a.
T 9	3 28	19 30	3 12	8 43	2 38	14 18	0 8	7 26	1 18	10 24	1 15	22 31	0 42	15 18	0 45	10 43	1 48	32 52	9 33	23 41	23 41	6 0		n.a.
F 10	3 51	16 6	3 57	8 33	2 44	14 4	0 14	7 22	1 15	10 19	1 15	22 31	0 42	15 17	0 45	10 44	1 48	32 52	9 33	23 41	23 41	6 3		n.a.
S 11	4 14	12 4	4 31	8 20	2 49	13 50	0 19	7 18	1 12	10 14	1 15	22 31	0 42	15 16	0 45	10 44	1 48	32 52	9 33	23 42	23 41	6 6		n.a.
S 12	4 37	7 36	4 52	8 6	2 53	13 35	0 25	7 13	1 9	10 10	1 15	22 31	0 42	15 16	0 45	10 45	1 48	32 52	9 32	23 42	23 42	6 8		n.a.
M13	5 0	2 52	5 0	7 49	2 57	13 19	0 30	7 9	1 6	10 5	1 15	22 31	0 42	15 15	0 45	10 45	1 48	32 51	9 32	23 43	23 42	6 11		n.a.
T 14	5 23	1n56	4 54	7 29	3 0	13 4	0 35	7 5	1 4	10 0	1 15	22 31	0 42	15 14	0 45	10 46	1 48	32 51	9 32	23 43	23 42	6 14		n.a.
W15	5 45	6 39	4 36	7 8	3 2	12 47	0 40	7 0	1 1	9 55	1 15	22 31	0 42	15 13	0 45	10 46	1 48	32 51	9 32	23 44	23 42	6 16		n.a.
T 16	6 8	11 7	4 6	6 45	3 3	12 31	0 45	6 56	0 58	9 50	1 16	22 31	0 42	15 13	0 45	10 47	1 48	32 51	9 32	23 44	23 42	6 19		n.a.
F 17	6 30	15 11	3 25	6 20	3 4	12 13	0 49	6 51	0 54	9 46	1 16	22 31	0 42	15 12	0 45	10 47	1 48	32 50	9 31	23 44	23 42	6 22		n.a.
S 18	6 53	18 40	2 35	5 53	3 3	11 56	0 54	6 46	0 51	9 41	1 16	22 31	0 42	15 11	0 45	10 47	1 48	32 50	9 31	23 45	23 42	6 25		n.a.
S 19	7 15	21 25	1 37	5 24	3 3	11 38	0 58	6 41	0 48	9 36	1 16	22 31	0 42	15 10	0 45	10 48	1 48	32 50	9 31	23 45	23 42	6 27		n.a.
M20	7 37	23 13	0 34	4 53	3 1	11 19	1 3	6 37	0 45	9 32	1 16	22 31	0 42	15 10	0 45	10 48	1 48	32 50	9 31	23 45	23 43	6 30		n.a.
T 21	7 59	23 57	0n31	4 21	2 59	11 1	1 7	6 32	0 42	9 27	1 16	22 30	0 42	15 9	0 45	10 49	1 48	32 49	9 31	23 45	23 43	6 33		n.a.
W22	8 21	23 27	1 37	3 47	2 56	10 41	1 11	6 27	0 38	9 22	1 16	22 30	0 42	15 8	0 45	10 49	1 48	32 49	9 30	23 45	23 43	6 35		n.a.
T 23	8 43	21 39	2 40	3 11	2 52	10 22	1 15	6 22	0 35	9 18	1 17	22 30	0 42	15 8	0 45	10 49	1 48	32 49	9 30	23 45	23 43	6 38		n.a.
F 24	9 5	18 36	3 36	2 33	2 48	10 2	1 19	6 18	0 32	9 13	1 17	22 30	0 42	15 7	0 45	10 50	1 48	32 49	9 30	23 45	23 43	6 41		n.a.
S 25	9 26	14 23	4 21	1 54	2 43	9 41	1 22	6 13	0 28	9 9	1 17	22 30	0 42	15 6	0 45	10 50	1 48	32 48	9 30	23 45	23 43	6 44		n.a.
S 26	9 48	9 13	4 51	1 13	2 38	9 20	1 26	6 8	0 25	9 4	1 17	22 30	0 42	15 6	0 46	10 50	1 48	32 48	9 30	23 45	23 43	6 46		n.a.
M27	10 9	3 22	5 3	0 31	2 32	8 59	1 29	6 4	0 22	9 0	1 17	22 30	0 42	15 5	0 46	10 51	1 48	32 48	9 29	23 46	23 43	6 49		n.a.
T 28	10 30	2s47	4 53	0n13	2 26	8 38	1 32	5 59	0 18	8 55	1 17	22 30	0 42	15 5	0 46	10 51	1 48	32 48	9 29	23 46	23 44	6 52		n.a.
W29	10 51	8 49	4 22	0 58	2 19	8 16	1 35	5 55	0 15	8 51	1 18	22 29	0 42	15 4	0 46	10 51	1 48	32 47	9 29	23 46	23 44	6 54		n.a.
T 30	11n11	14s18	3n33	1n45	2s11	7s54	1s38	5s51	0n11	8s46	1s18	22s29	0n42	15s 4	0s46	10n52	1n48	32n47	9n29	23n46	23n44	6n57		n.a.

Julian Day Number = 1350784.5, Delta T = 07h07m30s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'04, Lahiri = -17°58'04 Julian Calendar 1 Apr. 1015 BCE == Greg. Calendar 22 March 1015 BCE

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

MAY 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 55 38	29♈40'41	3♐51	11♈ 1	15♓ 4	14°R45	11♓ 8	17°R 3	22♒12	6°R41	11♋ 8	3°R18	4♋40	29♈14	n.a.	F 1
S 2	13 59 34	0♉37'53	18°26	12°45	16° 8	14♎26	11°20	17♐ 1	22°13	6♍40	11° 8	3♋15	4°36	29°20	n.a.	S 2
S 3	14 3 31	1°35'04	2♊35	14°32	17°12	14° 9	11°32	16°59	22°15	6°39	11° 9	3°D14	4°33	29°27	n.a.	S 3
M 4	14 7 27	2°32'16	16°16	16°21	18°17	13°52	11°43	16°56	22°17	6°38	11°10	3°15	4°30	29°34	n.a.	M 4
T 5	14 11 24	3°29'26	29°30	18°13	19°21	13°35	11°55	16°54	22°18	6°37	11°11	3°R15	4°27	29°41	n.a.	T 5
W 6	14 15 20	4°26'37	12♒22	20° 7	20°26	13°19	12° 6	16°51	22°20	6°37	11°12	3°15	4°24	29°47	n.a.	W 6
T 7	14 19 17	5°23'46	24°55	22° 4	21°31	13° 3	12°17	16°48	22°21	6°36	11°13	3°13	4°21	29°54	n.a.	T 7
F 8	14 23 14	6°20'56	7♓13	24° 3	22°36	12°48	12°28	16°46	22°23	6°35	11°14	3° 9	4°17	0♉ 1	n.a.	F 8
S 9	14 27 10	7°18'05	19°20	26° 3	23°42	12°34	12°39	16°43	22°24	6°35	11°15	3° 2	4°14	0° 7	n.a.	S 9
S 10	14 31 7	8°15'14	1♈19	28° 6	24°47	12°20	12°50	16°40	22°26	6°34	11°16	2°54	4°11	0°14	n.a.	S 10
M11	14 35 3	9°12'23	13°13	0♉11	25°53	12° 7	13° 1	16°37	22°27	6°34	11°17	2°45	4° 8	0°21	n.a.	M11
T 12	14 39 0	10° 9'31	25° 5	2°17	26°59	11°55	13°12	16°34	22°28	6°33	11°18	2°35	4° 5	0°28	n.a.	T 12
W13	14 42 56	11° 6'39	6♉56	4°25	28° 5	11°43	13°23	16°31	22°29	6°33	11°19	2°25	4° 1	0°34	n.a.	W13
T 14	14 46 53	12° 3'46	18°48	6°34	29°11	11°32	13°33	16°27	22°31	6°32	11°20	2°17	3°58	0°41	n.a.	T 14
F 15	14 50 49	13° 0'54	0♊42	8°44	0♈17	11°22	13°44	16°24	22°32	6°32	11°21	2°10	3°55	0°48	n.a.	F 15
S 16	14 54 46	13°58'00	12°41	10°54	1°24	11°13	13°54	16°21	22°33	6°31	11°22	2° 6	3°52	0°54	n.a.	S 16
S 17	14 58 43	14°55'07	24°47	13° 5	2°30	11° 5	14° 4	16°17	22°34	6°31	11°23	2° 4	3°49	1° 1	n.a.	S 17
M18	15 2 39	15°52'13	7♋ 2	15°16	3°37	10°57	14°14	16°14	22°35	6°31	11°25	2°D 4	3°46	1° 8	n.a.	M18
T 19	15 6 36	16°49'19	19°31	17°27	4°44	10°50	14°24	16°10	22°36	6°30	11°26	2° 5	3°42	1°14	n.a.	T 19
W20	15 10 32	17°46'24	2♌17	19°38	5°51	10°44	14°34	16° 7	22°37	6°30	11°27	2° 6	3°39	1°21	n.a.	W20
T 21	15 14 29	18°43'29	15°23	21°48	6°58	10°39	14°44	16° 3	22°38	6°30	11°28	2°R 7	3°36	1°28	n.a.	T 21
F 22	15 18 25	19°40'33	28°52	23°57	8° 5	10°35	14°54	16° 0	22°39	6°29	11°30	2° 7	3°33	1°35	n.a.	F 22
S 23	15 22 22	20°37'37	12♍48	26° 5	9°13	10°32	15° 4	15°56	22°39	6°29	11°31	2° 5	3°30	1°41	n.a.	S 23
S 24	15 26 18	21°34'41	27° 9	28°11	10°20	10°29	15°13	15°52	22°40	6°29	11°32	2° 1	3°27	1°48	n.a.	S 24
M25	15 30 15	22°31'44	11♎53	0♊17	11°28	10°27	15°22	15°48	22°41	6°29	11°34	1°57	3°23	1°55	n.a.	M25
T 26	15 34 12	23°28'48	26°55	2°20	12°36	10°27	15°32	15°44	22°41	6°29	11°35	1°51	3°20	2° 1	n.a.	T 26
W27	15 38 8	24°25'51	12♏ 5	4°23	13°43	10°D26	15°41	15°40	22°42	6°29	11°36	1°46	3°17	2° 8	n.a.	W27
T 28	15 42 5	25°22'54	27°14	6°23	14°51	10°27	15°50	15°36	22°42	6°29	11°38	1°42	3°14	2°15	n.a.	T 28
F 29	15 46 1	26°19'58	12♐13	8°21	16° 0	10°29	15°59	15°32	22°43	6°D29	11°39	1°39	3°11	2°22	n.a.	F 29
S 30	15 49 58	27°17'01	26°52	10°18	17° 8	10°31	16° 7	15°28	22°43	6°29	11°41	1°D37	3° 7	2°28	n.a.	S 30
S 31	15 53 54	28♉14'05	11♊ 7	12♊13	18♈16	10♎35	16♓16	15♐24	22♒44	6♍29	11♋42	1♋38	3♋ 4	2♉35	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n32	18s48	2n30	2n33	2s 3	7s32	1s41	5s47	0n 8	8s42	1s18	22s29	0n42	15s 3	0s46	10n52	1n48	32n47	9n29	23n46	23n44	7n 0		n.a.
S 2	11 52	22 0	1 18	3 22	1 55	7 9	1 44	5 43	0 4	8 38	1 18	22 29	0 42	15 2	0 46	10 52	1 48	32 47	9 29	23 47	23 44	7 3		n.a.
S 3	12 13	23 44	0 3	4 12	1 46	6 46	1 47	5 39	0 1	8 33	1 18	22 29	0 42	15 2	0 46	10 52	1 48	32 46	9 28	23 47	23 44	7 5		n.a.
M 4	12 33	23 57	1s 9	5 3	1 36	6 23	1 49	5 35	0s 2	8 29	1 18	22 28	0 42	15 1	0 46	10 53	1 48	32 46	9 28	23 47	23 44	7 8		n.a.
T 5	12 52	22 47	2 16	5 55	1 27	5 59	1 52	5 32	0 6	8 25	1 19	22 28	0 42	15 1	0 46	10 53	1 48	32 46	9 28	23 47	23 44	7 11		n.a.
W 6	13 12	20 27	3 13	6 48	1 17	5 35	1 54	5 28	0 9	8 20	1 19	22 28	0 42	15 0	0 46	10 53	1 48	32 46	9 28	23 47	23 45	7 14		n.a.
T 7	13 32	17 11	4 0	7 42	1 6	5 11	1 56	5 25	0 13	8 16	1 19	22 28	0 41	15 0	0 46	10 53	1 47	32 45	9 28	23 47	23 45	7 16		n.a.
F 8	13 51	13 14	4 35	8 37	0 56	4 47	1 58	5 23	0 16	8 12	1 19	22 27	0 41	15 0	0 46	10 53	1 47	32 45	9 27	23 47	23 45	7 19		n.a.
S 9	14 10	8 49	4 57	9 31	0 45	4 22	2 0	5 20	0 19	8 8	1 19	22 27	0 41	14 59	0 46	10 54	1 47	32 45	9 27	23 47	23 45	7 22		n.a.
S 10	14 29	4 7	5 5	10 26	0 34	3 57	2 2	5 17	0 22	8 4	1 20	22 27	0 41	14 59	0 46	10 54	1 47	32 45	9 27	23 47	23 45	7 24		n.a.
M11	14 47	0n42	5 0	11 21	0 23	3 32	2 3	5 15	0 26	8 0	1 20	22 27	0 41	14 58	0 46	10 54	1 47	32 44	9 27	23 47	23 45	7 27		n.a.
T 12	15 6	5 29	4 42	12 16	0 12	3 7	2 5	5 13	0 29	7 56	1 20	22 26	0 41	14 58	0 46	10 54	1 47	32 44	9 27	23 47	23 45	7 30		n.a.
W13	15 24	10 4	4 12	13 10	0 1	2 42	2 6	5 12	0 32	7 52	1 20	22 26	0 41	14 58	0 46	10 54	1 47	32 44	9 27	23 48	23 45	7 33		n.a.
T 14	15 42	14 18	3 31	14 4	0n 9	2 16	2 7	5 10	0 35	7 48	1 20	22 26	0 41	14 57	0 46	10 54	1 47	32 44	9 26	23 48	23 45	7 35		n.a.
F 15	15 59	18 0	2 41	14 57	0 20	1 51	2 9	5 9	0 38	7 44	1 21	22 26	0 41	14 57	0 46	10 55	1 47	32 43	9 26	23 48	23 45	7 38		n.a.
S 16	16 17	20 59	1 43	15 48	0 30	1 25	2 10	5 8	0 41	7 40	1 21	22 25	0 41	14 57	0 46	10 55	1 47	32 43	9 26	23 48	23 46	7 41		n.a.
S 17	16 34	23 3	0 39	16 39	0 40	0 59	2 11	5 8	0 44	7 36	1 21	22 25	0 41	14 56	0 46	10 55	1 47	32 43	9 26	23 48	23 46	7 43		n.a.
M18	16 51	24 4	0n27	17 28	0 49	0 33	2 12	5 7	0 47	7 33	1 21	22 25	0 41	14 56	0 46	10 55	1 47	32 43	9 26	23 48	23 46	7 46		n.a.
T 19	17 8	23 54	1 33	18 14	0 58	0 7	2 12	5 7	0 50	7 29	1 21	22 24	0 41	14 56	0 46	10 55	1 47	32 42	9 26	23 48	23 46	7 49		n.a.
W20	17 24	22 30	2 36	18 59	1 7	0n20	2 13	5 7	0 53	7 25	1 22	22 24	0 41	14 55	0 46	10 55	1 47	32 42	9 26	23 48	23 46	7 52		n.a.
T 21	17 40	19 52	3 33	19 42	1 15	0 46	2 13	5 8	0 56	7 21	1 22	22 24	0 41	14 55	0 46	10 55	1 47	32 42	9 25	23 48	23 46	7 54		n.a.
F 22	17 56	16 6	4 20	20 23	1 22	1 13	2 14	5 9	0 58	7 18	1 22	22 23	0 41	14 55	0 47	10 55	1 47	32 42	9 25	23 48	23 46	7 57		n.a.
S 23	18 11	11 21	4 53	21 1	1 29	1 39	2 14	5 10	1 1	7 14	1 22	22 23	0 41	14 55	0 47	10 55	1 47	32 41	9 25	23 48	23 46	8 0		n.a.
S 24	18 27	5 52	5 9	21 36	1 35	2 6	2 14	5 11	1 4	7 11	1 23	22 23	0 41	14 54	0 47	10 55	1 47	32 41	9 25	23 48	23 46	8 2		n.a.
M25	18 42	0s 6	5 5	22 10	1 40	2 33	2 14	5 13	1 6	7 7	1 23	22 22	0 41	14 54	0 47	10 55	1 47	32 41	9 25	23 48	23 46	8 5		n.a.
T 26	18 56	6 10	4 41	22 40	1 45	2 59	2 15	5 15	1 9	7 4	1 23	22 22	0 41	14 54	0 47	10 55	1 47	32 40	9 25	23 48	23 46	8 8		n.a.
W27	19 11	11 57	3 57	23 8	1 49	3 26	2 14	5 17	1 11	7 1	1 23	22 22	0 41	14 54	0 47	10 55	1 46	32 40	9 25	23 48	23 46	8 10		n.a.
T 28	19 25	17 0	2 56	23 33	1 52	3 53	2 14	5 20	1 14	6 57	1 24	22 21	0 40	14 54	0 47	10 55	1 46	32 40	9 25	23 48	23 47	8 13		n.a.
F 29	19 38	20 54	1 44	23 56	1 55	4 20	2 14	5 23	1 16	6 54	1 24	22 21	0 40	14 54	0 47	10 55	1 46	32 40	9 24	23 48	23 47	8 16		n.a.
S 30	19 52	23 21	0 26	24 16	1 56	4 47	2 14	5 26	1 19	6 51	1 24	22 21	0 40	14 54	0 47	10 55	1 46	32 39	9 24	23 48	23 47	8 19		n.a.
S 31	20n 5	24s12	0s52	24n33	1n58	5n13	2s13	5s29	1s21	6s48	1s24	22s20	0n40	14s53	0s47	10n55	1n46	32n39	9n24	23n48	23n47	8n21		n.a.

Julian Day Number = 1350814.5, Delta T = 07h07m29s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°05'00, Lahiri = -17°58'00 Julian Calendar 1 May 1015 BCE == Greg. Calendar 21 Apr. 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

JUNE 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 57 51	29♉11'10	24♋55	14♊ 6	19♈24	10♎39	16♓24	15°R20	22♒44	6♍29	11♋44	1♋39	3♋ 1	2♉42	n.a.	M 1
T 2	16 1 48	0♊ 8'15	8♒16	15°57	20°33	10°43	16°33	15♐16	22°44	6°29	11°45	1°40	2°58	2°48	n.a.	T 2
W 3	16 5 44	1° 5'21	21°13	17°46	21°42	10°49	16°41	15°12	22°45	6°29	11°47	1°42	2°55	2°55	n.a.	W 3
T 4	16 9 41	2° 2'27	3♓48	19°33	22°50	10°55	16°49	15° 7	22°45	6°29	11°48	1°R42	2°52	3° 2	n.a.	T 4
F 5	16 13 37	2°59'34	16° 6	21°18	23°59	11° 3	16°57	15° 3	22°45	6°30	11°50	1°41	2°48	3° 8	n.a.	F 5
S 6	16 17 34	3°56'41	28°12	23° 1	25° 8	11°10	17° 5	14°59	22°45	6°30	11°51	1°39	2°45	3°15	n.a.	S 6
S 7	16 21 30	4°53'49	10♈ 8	24°43	26°17	11°19	17°12	14°54	22°45	6°30	11°53	1°36	2°42	3°22	n.a.	S 7
M 8	16 25 27	5°50'58	22° 0	26°22	27°26	11°29	17°20	14°50	22°R45	6°31	11°54	1°32	2°39	3°29	n.a.	M 8
T 9	16 29 23	6°48'07	3♉51	27°59	28°36	11°39	17°27	14°46	22°45	6°31	11°56	1°28	2°36	3°35	n.a.	T 9
W10	16 33 20	7°45'18	15°43	29°35	29°45	11°50	17°35	14°41	22°45	6°31	11°58	1°24	2°33	3°42	n.a.	W10
T 11	16 37 17	8°42'28	27°39	1♋ 8	0♉54	12° 1	17°42	14°37	22°45	6°32	11°59	1°21	2°29	3°49	n.a.	T 11
F 12	16 41 13	9°39'40	9♊41	2°40	2° 4	12°14	17°49	14°33	22°45	6°32	12° 1	1°18	2°26	3°55	n.a.	F 12
S 13	16 45 10	10°36'52	21°50	4° 9	3°13	12°27	17°55	14°28	22°45	6°33	12° 3	1°17	2°23	4° 2	n.a.	S 13
S 14	16 49 6	11°34'05	4♋ 8	5°37	4°23	12°40	18° 2	14°24	22°44	6°33	12° 4	1°D17	2°20	4° 9	n.a.	S 14
M15	16 53 3	12°31'19	16°37	7° 2	5°33	12°55	18° 8	14°19	22°44	6°34	12° 6	1°17	2°17	4°16	n.a.	M15
T 16	16 56 59	13°28'33	29°19	8°26	6°43	13°10	18°15	14°15	22°44	6°34	12° 8	1°18	2°13	4°22	n.a.	T 16
W17	17 0 56	14°25'48	12♌16	9°47	7°53	13°25	18°21	14°10	22°43	6°35	12° 9	1°20	2°10	4°29	n.a.	W17
T 18	17 4 53	15°23'03	25°29	11° 6	9° 3	13°42	18°27	14° 6	22°43	6°35	12°11	1°21	2° 7	4°36	n.a.	T 18
F 19	17 8 49	16°20'19	9♍ 1	12°23	10°13	13°59	18°33	14° 2	22°42	6°36	12°13	1°21	2° 4	4°42	n.a.	F 19
S 20	17 12 46	17°17'35	22°51	13°38	11°23	14°16	18°38	13°57	22°42	6°37	12°15	1°R22	2° 1	4°49	n.a.	S 20
S 21	17 16 42	18°14'52	7♎ 1	14°51	12°33	14°34	18°44	13°53	22°41	6°38	12°16	1°21	1°58	4°56	n.a.	S 21
M22	17 20 39	19°12'09	21°29	16° 1	13°43	14°53	18°49	13°48	22°40	6°38	12°18	1°20	1°54	5° 2	n.a.	M22
T 23	17 24 35	20° 9'27	6♏10	17° 9	14°54	15°13	18°54	13°44	22°40	6°39	12°20	1°19	1°51	5° 9	n.a.	T 23
W24	17 28 32	21° 6'46	20°59	18°14	16° 4	15°32	18°59	13°39	22°39	6°40	12°22	1°17	1°48	5°16	n.a.	W24
T 25	17 32 28	22° 4'06	5♐49	19°17	17°15	15°53	19° 4	13°35	22°38	6°41	12°24	1°17	1°45	5°23	n.a.	T 25
F 26	17 36 25	23° 1'27	20°33	20°16	18°26	16°14	19° 9	13°31	22°37	6°42	12°25	1°16	1°42	5°29	n.a.	F 26
S 27	17 40 22	23°58'49	5♑ 3	21°13	19°36	16°35	19°13	13°26	22°36	6°43	12°27	1°D16	1°39	5°36	n.a.	S 27
S 28	17 44 18	24°56'13	19°15	22° 7	20°47	16°57	19°18	13°22	22°35	6°44	12°29	1°16	1°35	5°43	n.a.	S 28
M29	17 48 15	25°53'37	3♒ 3	22°58	21°58	17°20	19°22	13°18	22°34	6°45	12°31	1°17	1°32	5°49	n.a.	M29
T 30	17 52 11	26♊51'03	16♒28	23♋46	23♉ 9	17♎43	19♓26	13♐14	22♒33	6♍46	12♋33	1♋17	1♋29	5♉56	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n17	23s31	2s 4	24n48	1n58	5n40	2s13	5s33	1s23	6s44	1s25	22s20	0n40	14s53	0s47	10n55	1n46	32n39	9n24	23n48	23n47	8n24		n.a.
T 2	20 30	21 29	3 7	25 1	1 58	6 7	2 12	5 37	1 25	6 41	1 25	22 19	0 40	14 53	0 47	10 55	1 46	32 39	9 24	23 48	23 47	8 27		n.a.
W 3	20 42	18 24	3 58	25 11	1 57	6 34	2 11	5 41	1 27	6 38	1 25	22 19	0 40	14 53	0 47	10 55	1 46	32 38	9 24	23 48	23 47	8 29		n.a.
T 4	20 54	14 33	4 37	25 19	1 56	7 0	2 10	5 45	1 30	6 35	1 25	22 19	0 40	14 53	0 47	10 54	1 46	32 38	9 24	23 48	23 47	8 32		n.a.
F 5	21 5	10 11	5 2	25 25	1 54	7 27	2 9	5 50	1 32	6 32	1 26	22 18	0 40	14 53	0 47	10 54	1 46	32 38	9 24	23 48	23 47	8 35		n.a.
S 6	21 16	5 30	5 13	25 29	1 52	7 53	2 8	5 55	1 34	6 30	1 26	22 18	0 40	14 53	0 47	10 54	1 46	32 38	9 24	23 48	23 47	8 38		n.a.
S 7	21 27	0 40	5 10	25 31	1 48	8 20	2 7	6 0	1 36	6 27	1 26	22 17	0 40	14 53	0 47	10 54	1 46	32 37	9 23	23 48	23 47	8 40		n.a.
M 8	21 37	4n10	4 54	25 31	1 45	8 46	2 6	6 6	1 37	6 24	1 26	22 17	0 40	14 53	0 47	10 54	1 46	32 37	9 23	23 48	23 47	8 43		n.a.
T 9	21 47	8 51	4 25	25 29	1 41	9 12	2 5	6 12	1 39	6 21	1 27	22 16	0 40	14 53	0 47	10 54	1 46	32 37	9 23	23 48	23 47	8 46		n.a.
W10	21 57	13 13	3 45	25 25	1 36	9 38	2 4	6 18	1 41	6 19	1 27	22 16	0 40	14 53	0 47	10 53	1 46	32 37	9 23	23 49	23 47	8 48		n.a.
T 11	22 6	17 7	2 55	25 19	1 31	10 4	2 2	6 24	1 43	6 16	1 27	22 16	0 39	14 53	0 47	10 53	1 46	32 37	9 23	23 49	23 48	8 51		n.a.
F 12	22 15	20 20	1 56	25 12	1 25	10 30	2 1	6 30	1 45	6 14	1 27	22 15	0 39	14 54	0 47	10 53	1 46	32 36	9 23	23 49	23 48	8 54		n.a.
S 13	22 23	22 42	0 52	25 4	1 19	10 55	1 59	6 37	1 46	6 11	1 28	22 15	0 39	14 54	0 47	10 53	1 46	32 36	9 23	23 49	23 48	8 56		n.a.
S 14	22 31	24 1	0n16	24 54	1 12	11 20	1 58	6 44	1 48	6 9	1 28	22 14	0 39	14 54	0 47	10 53	1 46	32 36	9 23	23 49	23 48	8 59		n.a.
M15	22 39	24 9	1 24	24 43	1 5	11 46	1 56	6 51	1 49	6 7	1 28	22 14	0 39	14 54	0 47	10 52	1 46	32 36	9 23	23 49	23 48	9 2		n.a.
T 16	22 47	23 2	2 29	24 30	0 58	12 10	1 54	6 58	1 51	6 4	1 28	22 13	0 39	14 54	0 48	10 52	1 45	32 35	9 23	23 49	23 48	9 5		n.a.
W17	22 53	20 42	3 27	24 17	0 50	12 35	1 52	7 6	1 52	6 2	1 29	22 13	0 39	14 54	0 48	10 52	1 45	32 35	9 23	23 49	23 48	9 7		n.a.
T 18	23 0	17 14	4 17	24 2	0 42	13 0	1 50	7 14	1 54	6 0	1 29	22 13	0 39	14 55	0 48	10 52	1 45	32 35	9 23	23 49	23 48	9 10		n.a.
F 19	23 6	12 49	4 53	23 47	0 33	13 24	1 48	7 22	1 55	5 58	1 29	22 12	0 39	14 55	0 48	10 51	1 45	32 35	9 23	23 49	23 48	9 13		n.a.
S 20	23 12	7 39	5 13	23 30	0 24	13 48	1 46	7 30	1 57	5 56	1 30	22 12	0 39	14 55	0 48	10 51	1 45	32 34	9 23	23 49	23 48	9 15		n.a.
S 21	23 17	1 59	5 15	23 13	0 15	14 12	1 44	7 38	1 58	5 54	1 30	22 11	0 39	14 55	0 48	10 51	1 45	32 34	9 23	23 49	23 48	9 18		n.a.
M22	23 22	3s55	4 57	22 55	0 5	14 35	1 42	7 47	1 59	5 52	1 30	22 11	0 38	14 55	0 48	10 50	1 45	32 34	9 23	23 49	23 48	9 21		n.a.
T 23	23 27	9 42	4 20	22 37	0s 5	14 58	1 40	7 56	2 0	5 50	1 30	22 10	0 38	14 56	0 48	10 50	1 45	32 34	9 23	23 49	23 48	9 23		n.a.
W24	23 31	14 59	3 25	22 18	0 16	15 21	1 38	8 5	2 2	5 49	1 31	22 10	0 38	14 56	0 48	10 50	1 45	32 34	9 23	23 49	23 48	9 26		n.a.
T 25	23 34	19 23	2 16	21 58	0 26	15 43	1 36	8 14	2 3	5 47	1 31	22 9	0 38	14 56	0 48	10 49	1 45	32 33	9 22	23 49	23 48	9 29		n.a.
F 26	23 38	22 29	0 59	21 39	0 37	16 5	1 33	8 23	2 4	5 45	1 31	22 9	0 38	14 57	0 48	10 49	1 45	32 33	9 22	23 49	23 48	9 32		n.a.
S 27	23 41	24 4	0s21	21 19	0 49	16 27	1 31	8 32	2 5	5 44	1 32	22 9	0 38	14 57	0 48	10 48	1 45	32 33	9 22	23 49	23 48	9 34		n.a.
S 28	23 43	24 2	1 38	20 59	1 0	16 49	1 29	8 42	2 6	5 42	1 32	22 8	0 38	14 57	0 48	10 48	1 45	32 33	9 22	23 49	23 48	9 37		n.a.
M29	23 45	22 30	2 47	20 39	1 12	17 10	1 26	8 52	2 7	5 41	1 32	22 8	0 38	14 58	0 48	10 48	1 45	32 33	9 22	23 49	23 48	9 40		n.a.
T 30	23n47	19s43	3s45	20n19	1s24	17n30	1s24	9s 2	2s 8	5s40	1s33	22s 7	0n38	14s58	0s48	10n47	1n45	32n32	9n22	23n49	23n48	9n42		n.a.

Julian Day Number = 1350845.5, Delta T = 07h07m27s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'56, Lahiri = -17°57'56 Julian Calendar 1 June 1015 BCE == Greg. Calendar 22 May 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

JULY 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 56 8	27♊48'30	29♒28	24♋30	24♉20	18♎ 6	19♓30	13°R 9	22°R32	6♍47	12♋35	1♋17	1♋26	6♉ 3	n.a.	W 1
T 2	18 0 4	28°45'58	12♓ 7	25°11	25°31	18°30	19°33	13♐ 5	22♒31	6°48	12°37	1°18	1°23	6° 9	n.a.	T 2
F 3	18 4 1	29°43'29	24°28	25°47	26°42	18°55	19°37	13° 1	22°30	6°49	12°38	1°18	1°19	6°16	n.a.	F 3
S 4	18 7 57	0♋41'00	6♈35	26°20	27°54	19°20	19°40	12°57	22°29	6°50	12°40	1°R18	1°16	6°23	n.a.	S 4
S 5	18 11 54	1°38'33	18°32	26°49	29° 5	19°45	19°43	12°53	22°28	6°51	12°42	1°D18	1°13	6°30	n.a.	S 5
M 6	18 15 51	2°36'08	0♉24	27°13	0♊16	20°11	19°46	12°49	22°26	6°52	12°44	1°18	1°10	6°36	n.a.	M 6
T 7	18 19 47	3°33'45	12°15	27°33	1°28	20°37	19°48	12°45	22°25	6°53	12°46	1°18	1° 7	6°43	n.a.	T 7
W 8	18 23 44	4°31'23	24° 9	27°47	2°40	21° 4	19°51	12°41	22°24	6°55	12°48	1°18	1° 4	6°50	n.a.	W 8
T 9	18 27 40	5°29'03	6♊10	27°57	3°51	21°31	19°53	12°37	22°22	6°56	12°50	1°19	1° 0	6°56	n.a.	T 9
F 10	18 31 37	6°26'44	18°21	28°R 1	5° 3	21°58	19°55	12°33	22°21	6°57	12°52	1°19	0°57	7° 3	n.a.	F 10
S 11	18 35 33	7°24'27	0♋43	28° 1	6°15	22°26	19°57	12°29	22°19	6°58	12°54	1°R19	0°54	7°10	n.a.	S 11
S 12	18 39 30	8°22'11	13°18	27°54	7°27	22°55	19°59	12°25	22°18	7° 0	12°55	1°19	0°51	7°16	n.a.	S 12
M13	18 43 26	9°19'57	26° 6	27°42	8°38	23°23	20° 0	12°22	22°16	7° 1	12°57	1°19	0°48	7°23	n.a.	M13
T 14	18 47 23	10°17'45	9♌ 9	27°24	9°50	23°52	20° 2	12°18	22°15	7° 3	12°59	1°18	0°44	7°30	n.a.	T 14
W15	18 51 20	11°15'34	22°26	27° 0	11° 3	24°22	20° 3	12°14	22°13	7° 4	13° 1	1°16	0°41	7°37	n.a.	W15
T 16	18 55 16	12°13'24	5♍57	26°31	12°15	24°52	20° 4	12°11	22°12	7° 5	13° 3	1°15	0°38	7°43	n.a.	T 16
F 17	18 59 13	13°11'16	19°40	25°56	13°27	25°22	20° 4	12° 7	22°10	7° 7	13° 5	1°14	0°35	7°50	n.a.	F 17
S 18	19 3 9	14° 9'09	3♎35	25°17	14°39	25°52	20° 5	12° 4	22° 8	7° 8	13° 7	1°13	0°32	7°57	n.a.	S 18
S 19	19 7 6	15° 7'03	17°40	24°32	15°51	26°23	20° 5	12° 1	22° 6	7°10	13° 9	1°D13	0°29	8° 3	n.a.	S 19
M20	19 11 2	16° 4'59	1♏55	23°44	17° 4	26°54	20°R 5	11°57	22° 5	7°11	13°11	1°13	0°25	8°10	n.a.	M20
T 21	19 14 59	17° 2'56	16°15	22°52	18°16	27°26	20° 5	11°54	22° 3	7°13	13°13	1°14	0°22	8°17	n.a.	T 21
W22	19 18 55	18° 0'54	0♐40	21°58	19°29	27°58	20° 5	11°51	22° 1	7°15	13°15	1°16	0°19	8°23	n.a.	W22
T 23	19 22 52	18°58'55	15° 3	21° 3	20°41	28°30	20° 5	11°48	21°59	7°16	13°17	1°17	0°16	8°30	n.a.	T 23
F 24	19 26 49	19°56'57	29°22	20° 7	21°54	29° 2	20° 4	11°45	21°57	7°18	13°18	1°R17	0°13	8°37	n.a.	F 24
S 25	19 30 45	20°55'00	13♑32	19°12	23° 7	29°35	20° 3	11°42	21°55	7°19	13°20	1°17	0°10	8°43	n.a.	S 25
S 26	19 34 42	21°53'06	27°28	18°19	24°19	0♏ 8	20° 2	11°39	21°53	7°21	13°22	1°15	0° 6	8°50	n.a.	S 26
M27	19 38 38	22°51'13	11♒ 7	17°29	25°32	0°41	20° 1	11°36	21°51	7°23	13°24	1°13	0° 3	8°57	n.a.	M27
T 28	19 42 35	23°49'22	24°27	16°44	26°45	1°15	19°59	11°33	21°49	7°25	13°26	1°10	0° 0	9° 4	n.a.	T 28
W29	19 46 31	24°47'33	7♓26	16° 4	27°58	1°49	19°58	11°31	21°47	7°26	13°28	1° 6	29♊57	9°10	n.a.	W29
T 30	19 50 28	25°45'46	20° 5	15°30	29°11	2°23	19°56	11°28	21°45	7°28	13°30	1° 3	29°54	9°17	n.a.	T 30
F 31	19 54 24	26♋44'02	2♈27	15♋ 4	0♋24	2♏57	19♓54	11♐26	21♒43	7♍30	13♋32	1♋ 0	29♊50	9♉24	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	23n48	16s 2	4s30	19n59	1s36	17n51	1s21	9s12	2s 9	5s39	1s33	22s 7	0n38	14s58	0s48	10n47	1n45	32n32	9n22	23n49	23n48	9n45			n.a.
T 2	23 49	11 43	5 0	19 40	1 48	18 10	1 18	9 22	2 10	5 37	1 33	22 6	0 37	14 59	0 48	10 46	1 45	32 32	9 22	23 49	23 49	9 48			n.a.
F 3	23 49	7 2	5 15	19 21	2 0	18 30	1 16	9 32	2 11	5 36	1 33	22 6	0 37	14 59	0 48	10 46	1 45	32 32	9 22	23 49	23 49	9 50			n.a.
S 4	23 49	2 10	5 16	19 3	2 12	18 49	1 13	9 42	2 12	5 35	1 34	22 6	0 37	15 0	0 48	10 45	1 45	32 32	9 22	23 49	23 49	9 53			n.a.
S 5	23 48	2n43	5 3	18 46	2 25	19 7	1 11	9 53	2 13	5 34	1 34	22 5	0 37	15 0	0 48	10 45	1 45	32 32	9 23	23 49	23 49	9 56			n.a.
M 6	23 47	7 28	4 37	18 29	2 37	19 25	1 8	10 4	2 13	5 34	1 34	22 5	0 37	15 1	0 48	10 44	1 44	32 31	9 23	23 49	23 49	9 58			n.a.
T 7	23 46	11 57	4 0	18 13	2 49	19 43	1 5	10 15	2 14	5 33	1 35	22 4	0 37	15 1	0 48	10 44	1 44	32 31	9 23	23 49	23 49	10 1			n.a.
W 8	23 44	16 1	3 12	17 59	3 1	20 0	1 2	10 25	2 15	5 32	1 35	22 4	0 37	15 1	0 48	10 43	1 44	32 31	9 23	23 49	23 49	10 4			n.a.
T 9	23 42	19 28	2 15	17 45	3 13	20 17	1 0	10 36	2 16	5 31	1 35	22 4	0 37	15 2	0 48	10 43	1 44	32 31	9 23	23 49	23 49	10 6			n.a.
F 10	23 39	22 7	1 11	17 33	3 24	20 33	0 57	10 48	2 16	5 31	1 36	22 3	0 37	15 2	0 48	10 42	1 44	32 31	9 23	23 49	23 49	10 9			n.a.
S 11	23 36	23 45	0 3	17 23	3 35	20 48	0 54	10 59	2 17	5 30	1 36	22 3	0 36	15 3	0 48	10 42	1 44	32 31	9 23	23 49	23 49	10 12			n.a.
S 12	23 33	24 14	1n 6	17 14	3 45	21 3	0 51	11 10	2 18	5 30	1 36	22 2	0 36	15 4	0 48	10 41	1 44	32 30	9 23	23 49	23 49	10 15			n.a.
M13	23 29	23 26	2 13	17 7	3 55	21 18	0 48	11 22	2 18	5 30	1 37	22 2	0 36	15 4	0 48	10 41	1 44	32 30	9 23	23 49	23 49	10 17			n.a.
T 14	23 25	21 22	3 15	17 2	4 3	21 32	0 45	11 33	2 19	5 29	1 37	22 2	0 36	15 5	0 48	10 40	1 44	32 30	9 23	23 49	23 49	10 20			n.a.
W15	23 20	18 8	4 7	16 59	4 11	21 45	0 42	11 45	2 19	5 29	1 37	22 1	0 36	15 5	0 49	10 40	1 44	32 30	9 23	23 49	23 49	10 23			n.a.
T 16	23 15	13 53	4 46	16 58	4 18	21 58	0 40	11 56	2 20	5 29	1 37	22 1	0 36	15 6	0 49	10 39	1 44	32 30	9 23	23 49	23 49	10 25			n.a.
F 17	23 9	8 53	5 10	16 59	4 23	22 10	0 37	12 8	2 20	5 29	1 38	22 1	0 36	15 6	0 49	10 38	1 44	32 30	9 23	23 49	23 49	10 28			n.a.
S 18	23 3	3 22	5 16	17 2	4 27	22 21	0 34	12 20	2 21	5 29	1 38	22 0	0 36	15 7	0 49	10 38	1 44	32 30	9 23	23 49	23 49	10 31			n.a.
S 19	22 57	2s23	5 3	17 8	4 29	22 32	0 31	12 32	2 21	5 29	1 38	22 0	0 35	15 8	0 49	10 37	1 44	32 29	9 23	23 49	23 49	10 33			n.a.
M20	22 50	8 4	4 32	17 16	4 30	22 43	0 28	12 44	2 22	5 30	1 39	22 0	0 35	15 8	0 49	10 37	1 44	32 29	9 23	23 49	23 49	10 36			n.a.
T 21	22 43	13 23	3 44	17 25	4 29	22 52	0 25	12 56	2 22	5 30	1 39	21 59	0 35	15 9	0 49	10 36	1 44	32 29	9 23	23 49	23 49	10 39			n.a.
W22	22 35	17 59	2 41	17 37	4 26	23 1	0 22	13 8	2 23	5 30	1 39	21 59	0 35	15 9	0 49	10 35	1 44	32 29	9 23	23 49	23 49	10 41			n.a.
T 23	22 27	21 30	1 28	17 51	4 21	23 10	0 19	13 20	2 23	5 31	1 40	21 59	0 35	15 10	0 49	10 35	1 44	32 29	9 24	23 49	23 49	10 44			n.a.
F 24	22 18	23 38	0 11	18 6	4 14	23 17	0 16	13 32	2 23	5 31	1 40	21 58	0 35	15 11	0 49	10 34	1 44	32 29	9 24	23 49	23 49	10 47			n.a.
S 25	22 10	24 14	1s 7	18 23	4 5	23 25	0 13	13 44	2 24	5 32	1 40	21 58	0 35	15 11	0 49	10 33	1 44	32 29	9 24	23 49	23 49	10 49			n.a.
S 26	22 0	23 16	2 19	18 41	3 54	23 31	0 11	13 56	2 24	5 33	1 41	21 58	0 35	15 12	0 49	10 33	1 44	32 29	9 24	23 49	23 49	10 52			n.a.
M27	21 51	20 56	3 22	18 59	3 42	23 37	0 8	14 8	2 24	5 33	1 41	21 58	0 34	15 13	0 49	10 32	1 44	32 29	9 24	23 49	23 49	10 55			n.a.
T 28	21 41	17 32	4 12	19 19	3 28	23 42	0 5	14 21	2 25	5 34	1 41	21 57	0 34	15 13	0 49	10 31	1 44	32 29	9 24	23 49	23 49	10 57			n.a.
W29	21 30	13 21	4 48	19 39	3 13	23 46	0 2	14 33	2 25	5 35	1 41	21 57	0 34	15 14	0 49	10 31	1 44	32 28	9 24	23 49	23 49	11 0			n.a.
T 30	21 20	8 42	5 8	19 59	2 56	23 50	0n 1	14 45	2 25	5 36	1 42	21 57	0 34	15 15	0 49	10 30	1 44	32 28	9 24	23 49	23 49	11 3			n.a.
F 31	21n 8	3s48	5s14	20n19	2s39	23n52	0n 4	14s57	2s25	5s37	1s42	21s57	0n34	15s16	0s49	10n29	1n44	32n28	9n25	23n49	23n49	11n 5			n.a.

Julian Day Number = 1350875.5, Delta T = 07h07m26s
Ecliptic obliquity = 23°48'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'52, Lahiri = -17°57'52 Julian Calendar 1 July 1015 BCE == Greg. Calendar 21 June 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

AUGUST 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 58 21	27♋42'19	14♈35	14°R46	1♋37	3♏32	19°R52	11°R23	21°R41	7♍32	13♋34	0°R58	29♊47	9♉30	n.a.	S 1
S 2	20 2 18	28°40'39	26°32	14♋36	2°50	4° 6	19♓49	11♐21	21♒39	7°33	13°35	0°D57	29°44	9°37	n.a.	S 2
M 3	20 6 14	29°39'01	8♉24	14°D35	4° 4	4°42	19°46	11°19	21°36	7°35	13°37	0♋57	29°41	9°44	n.a.	M 3
T 4	20 10 11	0♌37'25	20°16	14°43	5°17	5°17	19°44	11°17	21°34	7°37	13°39	0°59	29°38	9°50	n.a.	T 4
W 5	20 14 7	1°35'51	2♊12	15° 0	6°30	5°53	19°41	11°15	21°32	7°39	13°41	1° 0	29°35	9°57	n.a.	W 5
T 6	20 18 4	2°34'20	14°16	15°26	7°44	6°28	19°37	11°13	21°30	7°41	13°43	1° 2	29°31	10° 4	n.a.	T 6
F 7	20 22 0	3°32'51	26°33	16° 0	8°57	7° 4	19°34	11°11	21°28	7°43	13°45	1°R 3	29°28	10°10	n.a.	F 7
S 8	20 25 57	4°31'24	9♋ 6	16°43	10°11	7°41	19°30	11° 9	21°25	7°45	13°47	1° 3	29°25	10°17	n.a.	S 8
S 9	20 29 53	5°30'00	21°57	17°35	11°24	8°17	19°27	11° 7	21°23	7°47	13°48	1° 1	29°22	10°24	n.a.	S 9
M10	20 33 50	6°28'37	5♌ 7	18°34	12°38	8°54	19°23	11° 6	21°21	7°49	13°50	0°58	29°19	10°31	n.a.	M10
T 11	20 37 47	7°27'17	18°35	19°40	13°52	9°31	19°18	11° 4	21°18	7°51	13°52	0°53	29°16	10°37	n.a.	T 11
W12	20 41 43	8°25'59	2♍18	20°53	15° 6	10° 8	19°14	11° 3	21°16	7°53	13°54	0°47	29°12	10°44	n.a.	W12
T 13	20 45 40	9°24'42	16°15	22°11	16°19	10°45	19°10	11° 2	21°14	7°55	13°56	0°41	29° 9	10°51	n.a.	T 13
F 14	20 49 36	10°23'28	0♎20	23°35	17°33	11°23	19° 5	11° 0	21°11	7°57	13°57	0°35	29° 6	10°57	n.a.	F 14
S 15	20 53 33	11°22'15	14°30	25° 4	18°47	12° 1	19° 0	10°59	21° 9	7°59	13°59	0°31	29° 3	11° 4	n.a.	S 15
S 16	20 57 29	12°21'04	28°42	26°37	20° 1	12°39	18°55	10°58	21° 7	8° 1	14° 1	0°28	29° 0	11°11	n.a.	S 16
M17	21 1 26	13°19'55	12♏53	28°13	21°15	13°17	18°50	10°57	21° 4	8° 3	14° 3	0°D27	28°56	11°17	n.a.	M17
T 18	21 5 22	14°18'48	27° 2	29°53	22°29	13°55	18°44	10°57	21° 2	8° 5	14° 4	0°28	28°53	11°24	n.a.	T 18
W19	21 9 19	15°17'43	11♐ 6	1♌35	23°43	14°34	18°39	10°56	20°59	8° 7	14° 6	0°29	28°50	11°31	n.a.	W19
T 20	21 13 15	16°16'39	25° 5	3°19	24°58	15°12	18°33	10°55	20°57	8° 9	14° 8	0°R30	28°47	11°37	n.a.	T 20
F 21	21 17 12	17°15'38	8♑57	5° 4	26°12	15°51	18°27	10°55	20°55	8°11	14° 9	0°30	28°44	11°44	n.a.	F 21
S 22	21 21 9	18°14'39	22°40	6°51	27°26	16°30	18°22	10°54	20°52	8°13	14°11	0°28	28°41	11°51	n.a.	S 22
S 23	21 25 5	19°13'41	6♒13	8°39	28°40	17° 9	18°15	10°54	20°50	8°16	14°13	0°23	28°37	11°58	n.a.	S 23
M24	21 29 2	20°12'46	19°33	10°27	29°55	17°49	18° 9	10°54	20°47	8°18	14°14	0°17	28°34	12° 4	n.a.	M24
T 25	21 32 58	21°11'53	2♓39	12°15	1♎ 9	18°28	18° 3	10°53	20°45	8°20	14°16	0° 8	28°31	12°11	n.a.	T 25
W26	21 36 55	22°11'02	15°29	14° 4	2°24	19° 8	17°56	10°D53	20°43	8°22	14°17	29♊59	28°28	12°18	n.a.	W26
T 27	21 40 51	23°10'13	28° 3	15°53	3°38	19°48	17°50	10°53	20°40	8°24	14°19	29°49	28°25	12°24	n.a.	T 27
F 28	21 44 48	24° 9'26	10♈22	17°41	4°53	20°27	17°43	10°54	20°38	8°26	14°21	29°41	28°22	12°31	n.a.	F 28
S 29	21 48 44	25° 8'42	22°28	19°29	6° 7	21° 7	17°36	10°54	20°35	8°29	14°22	29°34	28°18	12°38	n.a.	S 29
S 30	21 52 41	26° 8'01	4♉25	21°17	7°22	21°48	17°29	10°54	20°33	8°31	14°24	29°29	28°15	12°44	n.a.	S 30
M31	21 56 37	27♌ 7'22	16♉16	23♌ 4	8♌36	22♏28	17♓22	10♐55	20♒31	8♍33	14♋25	29♊26	28♊12	12♉51	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n57	1n 9	5s 5	20n39	2s21	23n55	0n 6	15s10	2s25	5s38	1s42	21s57	0n34	15s16	0s49	10n29	1n43	32n28	9n25	23n49	23n49	11n 8		n.a.
S 2	20 45	6 0	4 43	20 58	2 3	23 56	0 9	15 22	2 26	5 40	1 43	21 56	0 34	15 17	0 49	10 28	1 43	32 28	9 25	23 49	23 49	11 11		n.a.
M 3	20 33	10 36	4 9	21 16	1 45	23 57	0 12	15 34	2 26	5 41	1 43	21 56	0 34	15 18	0 49	10 27	1 43	32 28	9 25	23 49	23 49	11 13		n.a.
T 4	20 20	14 48	3 25	21 34	1 26	23 57	0 15	15 46	2 26	5 42	1 43	21 56	0 33	15 18	0 49	10 26	1 43	32 28	9 25	23 49	23 49	11 16		n.a.
W 5	20 7	18 27	2 31	21 50	1 8	23 56	0 17	15 59	2 26	5 44	1 43	21 56	0 33	15 19	0 49	10 26	1 43	32 28	9 25	23 49	23 49	11 18		n.a.
T 6	19 54	21 22	1 31	22 4	0 50	23 55	0 20	16 11	2 26	5 45	1 44	21 56	0 33	15 20	0 49	10 25	1 43	32 28	9 25	23 49	23 49	11 21		n.a.
F 7	19 40	23 22	0 25	22 17	0 33	23 53	0 22	16 23	2 26	5 47	1 44	21 56	0 33	15 21	0 49	10 24	1 43	32 28	9 26	23 49	23 49	11 24		n.a.
S 8	19 26	24 14	0n44	22 28	0 17	23 50	0 25	16 35	2 26	5 49	1 44	21 55	0 33	15 21	0 49	10 23	1 43	32 28	9 26	23 49	23 49	11 26		n.a.
S 9	19 12	23 50	1 52	22 37	0 1	23 47	0 28	16 47	2 26	5 50	1 44	21 55	0 33	15 22	0 49	10 23	1 43	32 28	9 26	23 49	23 49	11 29		n.a.
M10	18 57	22 7	2 55	22 44	0n13	23 42	0 30	16 59	2 26	5 52	1 45	21 55	0 33	15 23	0 49	10 22	1 43	32 28	9 26	23 49	23 49	11 32		n.a.
T 11	18 42	19 8	3 50	22 48	0 27	23 37	0 33	17 11	2 26	5 54	1 45	21 55	0 32	15 24	0 49	10 21	1 43	32 28	9 26	23 49	23 49	11 34		n.a.
W12	18 26	15 3	4 33	22 49	0 40	23 32	0 35	17 23	2 26	5 56	1 45	21 55	0 32	15 24	0 49	10 20	1 43	32 28	9 26	23 49	23 49	11 37		n.a.
T 13	18 11	10 6	5 0	22 48	0 51	23 25	0 37	17 35	2 26	5 58	1 45	21 55	0 32	15 25	0 49	10 20	1 43	32 28	9 27	23 49	23 49	11 40		n.a.
F 14	17 55	4 35	5 10	22 44	1 2	23 18	0 40	17 47	2 26	6 0	1 46	21 55	0 32	15 26	0 49	10 19	1 43	32 28	9 27	23 49	23 49	11 42		n.a.
S 15	17 38	1s12	5 1	22 37	1 11	23 10	0 42	17 59	2 26	6 2	1 46	21 55	0 32	15 27	0 49	10 18	1 43	32 28	9 27	23 49	23 49	11 45		n.a.
S 16	17 22	6 56	4 33	22 28	1 20	23 2	0 44	18 11	2 26	6 4	1 46	21 55	0 32	15 28	0 49	10 17	1 43	32 28	9 27	23 49	23 49	11 48		n.a.
M17	17 5	12 19	3 49	22 16	1 27	22 52	0 47	18 23	2 25	6 7	1 46	21 55	0 32	15 28	0 49	10 16	1 43	32 28	9 27	23 49	23 49	11 50		n.a.
T 18	16 48	17 2	2 51	22 1	1 33	22 43	0 49	18 34	2 25	6 9	1 47	21 55	0 32	15 29	0 49	10 16	1 43	32 28	9 28	23 49	23 49	11 53		n.a.
W19	16 30	20 46	1 43	21 43	1 39	22 32	0 51	18 46	2 25	6 11	1 47	21 55	0 31	15 30	0 49	10 15	1 43	32 28	9 28	23 49	23 49	11 55		n.a.
T 20	16 12	23 14	0 29	21 23	1 43	22 21	0 53	18 58	2 25	6 14	1 47	21 55	0 31	15 31	0 49	10 14	1 43	32 28	9 28	23 49	23 49	11 58		n.a.
F 21	15 54	24 16	0s45	21 1	1 46	22 9	0 55	19 9	2 25	6 16	1 47	21 55	0 31	15 32	0 49	10 13	1 43	32 28	9 28	23 49	23 49	12 1		n.a.
S 22	15 36	23 48	1 57	20 37	1 49	21 56	0 57	19 20	2 25	6 19	1 47	21 55	0 31	15 32	0 49	10 12	1 43	32 28	9 28	23 49	23 49	12 3		n.a.
S 23	15 17	21 55	3 0	20 10	1 51	21 43	0 59	19 32	2 24	6 22	1 48	21 55	0 31	15 33	0 49	10 11	1 43	32 28	9 29	23 49	23 49	12 6		n.a.
M24	14 59	18 51	3 53	19 41	1 52	21 29	1 1	19 43	2 24	6 24	1 48	21 55	0 31	15 34	0 49	10 11	1 43	32 28	9 29	23 49	23 49	12 9		n.a.
T 25	14 39	14 54	4 32	19 11	1 52	21 14	1 3	19 54	2 24	6 27	1 48	21 56	0 31	15 35	0 49	10 10	1 43	32 28	9 29	23 49	23 48	12 11		n.a.
W26	14 20	10 21	4 56	18 39	1 52	20 59	1 4	20 5	2 24	6 30	1 48	21 56	0 30	15 35	0 49	10 9	1 43	32 28	9 29	23 49	23 48	12 14		n.a.
T 27	14 0	5 27	5 6	18 5	1 51	20 43	1 6	20 16	2 23	6 32	1 48	21 56	0 30	15 36	0 49	10 8	1 43	32 28	9 30	23 49	23 48	12 16		n.a.
F 28	13 41	0 26	5 0	17 30	1 49	20 26	1 8	20 26	2 23	6 35	1 48	21 56	0 30	15 37	0 49	10 7	1 43	32 28	9 30	23 49	23 48	12 19		n.a.
S 29	13 21	4n32	4 42	16 54	1 47	20 9	1 9	20 37	2 23	6 38	1 49	21 56	0 30	15 38	0 49	10 6	1 43	32 28	9 30	23 49	23 48	12 22		n.a.
S 30	13 0	9 15	4 11	16 17	1 45	19 52	1 11	20 47	2 23	6 41	1 49	21 56	0 30	15 39	0 49	10 6	1 43	32 28	9 30	23 49	23 48	12 24		n.a.
M31	12n40	13n37	3s30	15n38	1n42	19n33	1n12	20s58	2s22	6s44	1s49	21s57	0n30	15s39	0s49	10n 5	1n43	32n28	9n31	23n49	23n48	12n27		n.a.

Julian Day Number = 1350906.5, Delta T = 07h07m24s
Ecliptic obliquity = 23°48'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'48, Lahiri = -17°57'47 Julian Calendar 1 Aug. 1015 BCE == Greg. Calendar 22 July 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

SEPTEMBER 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 0 34	28♌ 6'45	28♉ 6	24♌50	9♌51	23♏ 8	17°R15	10♐55	20°R28	8♍35	14♋27	29°D25	28♊ 9	12♉58	n.a.	T 1
W 2	22 4 31	29° 6'11	10♊ 0	26°36	11° 6	23°49	17♓ 7	10°56	20♒26	8°37	14°28	29♊26	28° 6	13° 4	n.a.	W 2
T 3	22 8 27	0♍ 5'39	22° 4	28°22	12°21	24°30	17° 0	10°57	20°23	8°40	14°30	29°27	28° 2	13°11	n.a.	T 3
F 4	22 12 24	1° 5'10	4♋23	0♍ 6	13°35	25°11	16°52	10°58	20°21	8°42	14°31	29°R27	27°59	13°18	n.a.	F 4
S 5	22 16 20	2° 4'43	17° 2	1°50	14°50	25°51	16°45	10°58	20°19	8°44	14°32	29°25	27°56	13°24	n.a.	S 5
S 6	22 20 17	3° 4'18	0♌ 3	3°33	16° 5	26°33	16°37	11° 0	20°16	8°46	14°34	29°21	27°53	13°31	n.a.	S 6
M 7	22 24 13	4° 3'56	13°28	5°16	17°20	27°14	16°29	11° 1	20°14	8°48	14°35	29°15	27°50	13°38	n.a.	M 7
T 8	22 28 10	5° 3'36	27°17	6°58	18°35	27°55	16°21	11° 2	20°12	8°51	14°36	29° 6	27°47	13°45	n.a.	T 8
W 9	22 32 6	6° 3'18	11♍26	8°39	19°50	28°37	16°14	11° 3	20° 9	8°53	14°38	28°56	27°43	13°51	n.a.	W 9
T 10	22 36 3	7° 3'02	25°51	10°19	21° 5	29°18	16° 6	11° 5	20° 7	8°55	14°39	28°45	27°40	13°58	n.a.	T 10
F 11	22 40 0	8° 2'49	10♎24	11°59	22°20	29°59	15°58	11° 6	20° 5	8°57	14°40	28°34	27°37	14° 5	n.a.	F 11
S 12	22 43 56	9° 2'37	24°59	13°38	23°35	0♐42	15°50	11° 8	20° 3	9° 0	14°42	28°26	27°34	14°11	n.a.	S 12
S 13	22 47 53	10° 2'27	9♏29	15°17	24°50	1°23	15°42	11°10	20° 0	9° 2	14°43	28°20	27°31	14°18	n.a.	S 13
M14	22 51 49	11° 2'19	23°49	16°54	26° 5	2° 5	15°33	11°12	19°58	9° 4	14°44	28°17	27°27	14°25	n.a.	M14
T 15	22 55 46	12° 2'13	7♐58	18°32	27°21	2°48	15°25	11°14	19°56	9° 6	14°45	28°D16	27°24	14°31	n.a.	T 15
W16	22 59 42	13° 2'08	21°54	20° 8	28°36	3°30	15°17	11°16	19°54	9° 9	14°46	28°R16	27°21	14°38	n.a.	W16
T 17	23 3 39	14° 2'06	5♑37	21°44	29°51	4°12	15° 9	11°18	19°52	9°11	14°48	28°16	27°18	14°45	n.a.	T 17
F 18	23 7 35	15° 2'05	19° 8	23°20	1♍ 6	4°54	15° 1	11°20	19°49	9°13	14°49	28°14	27°15	14°51	n.a.	F 18
S 19	23 11 32	16° 2'06	2♒28	24°54	2°21	5°37	14°53	11°22	19°47	9°15	14°50	28°11	27°12	14°58	n.a.	S 19
S 20	23 15 28	17° 2'08	15°37	26°29	3°37	6°19	14°45	11°25	19°45	9°18	14°51	28° 4	27° 8	15° 5	n.a.	S 20
M21	23 19 25	18° 2'13	28°35	28° 3	4°52	7° 2	14°37	11°27	19°43	9°20	14°52	27°54	27° 5	15°11	n.a.	M21
T 22	23 23 22	19° 2'19	11♓22	29°36	6° 7	7°45	14°28	11°30	19°41	9°22	14°53	27°41	27° 2	15°18	n.a.	T 22
W23	23 27 18	20° 2'27	23°57	1♎ 9	7°23	8°27	14°20	11°33	19°39	9°24	14°54	27°28	26°59	15°25	n.a.	W23
T 24	23 31 15	21° 2'38	6♈21	2°41	8°38	9°10	14°12	11°35	19°37	9°26	14°55	27°14	26°56	15°31	n.a.	T 24
F 25	23 35 11	22° 2'50	18°33	4°13	9°53	9°53	14° 4	11°38	19°35	9°29	14°56	27° 0	26°53	15°38	n.a.	F 25
S 26	23 39 8	23° 3'04	0♉34	5°44	11° 9	10°36	13°56	11°41	19°33	9°31	14°57	26°49	26°49	15°45	n.a.	S 26
S 27	23 43 4	24° 3'21	12°28	7°15	12°24	11°19	13°48	11°44	19°32	9°33	14°58	26°41	26°46	15°51	n.a.	S 27
M28	23 47 1	25° 3'39	24°17	8°46	13°40	12° 2	13°41	11°47	19°30	9°35	14°59	26°35	26°43	15°58	n.a.	M28
T 29	23 50 57	26° 4'00	6♊ 4	10°16	14°55	12°45	13°33	11°51	19°28	9°37	14°59	26°32	26°40	16° 5	n.a.	T 29
W30	23 54 54	27♍ 4'23	17♊56	11♎45	16♍11	13♐28	13♓25	11♐54	19♒26	9♍40	15♋ 0	26♊31	26♊37	16♉11	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n19	17n27	2s40	14n59	1n38	19n14	1n14	21s 8	2s22	6s47	1s49	21s57	0n30	15s40	0s49	10n 4	1n43	32n28	9n31	23n49	23n48	12n30		n.a.
W 2	11 58	20 37	1 42	14 19	1 34	18 55	1 15	21 18	2 21	6 50	1 49	21 57	0 30	15 41	0 49	10 3	1 43	32 28	9 31	23 49	23 48	12 32		n.a.
T 3	11 37	22 55	0 39	13 38	1 30	18 35	1 16	21 28	2 21	6 53	1 49	21 57	0 29	15 42	0 49	10 2	1 43	32 29	9 31	23 49	23 48	12 35		n.a.
F 4	11 16	24 11	0n26	12 57	1 26	18 14	1 17	21 38	2 21	6 56	1 49	21 57	0 29	15 42	0 49	10 1	1 43	32 29	9 32	23 49	23 48	12 37		n.a.
S 5	10 54	24 14	1 32	12 15	1 21	17 53	1 19	21 48	2 20	6 59	1 49	21 58	0 29	15 43	0 49	10 1	1 43	32 29	9 32	23 49	23 48	12 40		n.a.
S 6	10 32	22 59	2 36	11 32	1 16	17 32	1 20	21 57	2 20	7 2	1 49	21 58	0 29	15 44	0 49	10 0	1 43	32 29	9 32	23 49	23 48	12 43		n.a.
M 7	10 10	20 25	3 32	10 49	1 11	17 10	1 21	22 7	2 19	7 5	1 50	21 58	0 29	15 45	0 49	9 59	1 43	32 29	9 33	23 49	23 48	12 45		n.a.
T 8	9 48	16 37	4 17	10 6	1 5	16 47	1 22	22 16	2 19	7 9	1 50	21 59	0 29	15 45	0 49	9 58	1 43	32 29	9 33	23 49	23 48	12 48		n.a.
W 9	9 26	11 49	4 48	9 22	1 0	16 24	1 23	22 25	2 19	7 12	1 50	21 59	0 29	15 46	0 49	9 57	1 43	32 29	9 33	23 49	23 48	12 50		n.a.
T 10	9 4	6 17	5 2	8 39	0 54	16 0	1 23	22 34	2 18	7 15	1 50	21 59	0 28	15 47	0 49	9 56	1 43	32 29	9 33	23 49	23 48	12 53		n.a.
F 11	8 41	0 21	4 56	7 55	0 48	15 36	1 24	22 43	2 18	7 18	1 50	22 0	0 28	15 48	0 49	9 55	1 43	32 29	9 34	23 49	23 48	12 56		n.a.
S 12	8 18	5s38	4 31	7 10	0 42	15 12	1 25	22 51	2 17	7 21	1 50	22 0	0 28	15 48	0 49	9 55	1 43	32 30	9 34	23 48	23 48	12 58		n.a.
S 13	7 55	11 16	3 48	6 26	0 35	14 47	1 25	22 59	2 17	7 25	1 50	22 0	0 28	15 49	0 49	9 54	1 43	32 30	9 34	23 48	23 48	13 1		n.a.
M14	7 32	16 15	2 52	5 42	0 29	14 22	1 26	23 8	2 16	7 28	1 50	22 1	0 28	15 50	0 49	9 53	1 43	32 30	9 35	23 48	23 47	13 3		n.a.
T 15	7 9	20 15	1 45	4 57	0 23	13 56	1 26	23 16	2 16	7 31	1 50	22 1	0 28	15 50	0 49	9 52	1 43	32 30	9 35	23 48	23 47	13 6		n.a.
W16	6 46	23 0	0 34	4 13	0 16	13 30	1 27	23 24	2 15	7 34	1 50	22 2	0 28	15 51	0 49	9 51	1 43	32 30	9 35	23 48	23 47	13 9		n.a.
T 17	6 23	24 21	0s39	3 28	0 10	13 4	1 27	23 31	2 15	7 37	1 50	22 2	0 28	15 52	0 49	9 50	1 43	32 30	9 36	23 48	23 47	13 11		n.a.
F 18	5 59	24 13	1 48	2 44	0 3	12 37	1 27	23 39	2 14	7 41	1 50	22 2	0 27	15 52	0 49	9 49	1 43	32 31	9 36	23 48	23 47	13 14		n.a.
S 19	5 36	22 41	2 50	2 0	0s 4	12 10	1 28	23 46	2 14	7 44	1 50	22 3	0 27	15 53	0 49	9 49	1 43	32 31	9 36	23 48	23 47	13 16		n.a.
S 20	5 12	19 56	3 42	1 16	0 10	11 42	1 28	23 53	2 13	7 47	1 50	22 3	0 27	15 54	0 49	9 48	1 43	32 31	9 36	23 48	23 47	13 19		n.a.
M21	4 48	16 14	4 22	0 32	0 17	11 14	1 28	24 0	2 12	7 50	1 50	22 4	0 27	15 54	0 49	9 47	1 43	32 31	9 37	23 48	23 47	13 22		n.a.
T 22	4 24	11 50	4 48	0s12	0 24	10 46	1 28	24 7	2 12	7 53	1 50	22 4	0 27	15 55	0 49	9 46	1 43	32 31	9 37	23 48	23 47	13 24		n.a.
W23	4 0	7 0	4 59	0 56	0 30	10 17	1 28	24 13	2 11	7 56	1 50	22 5	0 27	15 56	0 49	9 45	1 43	32 32	9 37	23 47	23 47	13 27		n.a.
T 24	3 36	1 58	4 56	1 39	0 37	9 49	1 28	24 19	2 11	7 59	1 50	22 5	0 27	15 56	0 49	9 44	1 43	32 32	9 38	23 47	23 47	13 29		n.a.
F 25	3 12	3n 5	4 39	2 22	0 44	9 20	1 28	24 25	2 10	8 2	1 49	22 6	0 27	15 57	0 49	9 44	1 43	32 32	9 38	23 47	23 47	13 32		n.a.
S 26	2 48	7 57	4 10	3 5	0 50	8 50	1 27	24 31	2 9	8 5	1 49	22 6	0 26	15 57	0 49	9 43	1 43	32 32	9 38	23 47	23 47	13 34		n.a.
S 27	2 24	12 29	3 30	3 47	0 57	8 21	1 27	24 37	2 9	8 8	1 49	22 7	0 26	15 58	0 49	9 42	1 43	32 32	9 39	23 46	23 47	13 37		n.a.
M28	2 0	16 32	2 42	4 30	1 3	7 51	1 27	24 42	2 8	8 11	1 49	22 7	0 26	15 58	0 49	9 41	1 43	32 33	9 39	23 46	23 46	13 40		n.a.
T 29	1 35	19 55	1 46	5 11	1 10	7 21	1 26	24 47	2 7	8 14	1 49	22 8	0 26	15 59	0 49	9 40	1 43	32 33	9 39	23 46	23 46	13 42		n.a.
W30	1n11	22n30	0s45	5s53	1s16	6n51	1n26	24s52	2s 7	8s17	1s49	22s 9	0n26	16s 0	0s49	9n40	1n43	32n33	9n40	23n46	23n46	13n45		n.a.

Julian Day Number = 1350937.5, Delta T = 07h07m23s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'44, Lahiri = -17°57'43 Julian Calendar 1 Sept. 1015 BCE == Greg. Calendar 22 Aug. 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

OCTOBER 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 51	28♍ 4'47	29♊58	13♎14	17♍26	14♐12	13°R18	11♐58	19°R24	9♍42	15♋ 1	26°R31	26♊33	16♉18	n.a.	T 1
F 2	0 2 47	29° 5'14	12♋14	14°43	18°42	14°55	13♓10	12° 1	19♒23	9°44	15° 2	26♊31	26°30	16°25	n.a.	F 2
S 3	0 6 44	0♎ 5'44	24°51	16°11	19°57	15°39	13° 2	12° 5	19°21	9°46	15° 2	26°29	26°27	16°32	n.a.	S 3
S 4	0 10 40	1° 6'15	7♌52	17°39	21°13	16°22	12°55	12° 8	19°19	9°48	15° 3	26°25	26°24	16°38	n.a.	S 4
M 5	0 14 37	2° 6'48	21°22	19° 6	22°28	17° 6	12°48	12°12	19°18	9°50	15° 4	26°18	26°21	16°45	n.a.	M 5
T 6	0 18 33	3° 7'22	5♍20	20°32	23°44	17°49	12°41	12°16	19°16	9°52	15° 5	26° 9	26°18	16°52	n.a.	T 6
W 7	0 22 30	4° 7'59	19°44	21°58	24°59	18°33	12°34	12°20	19°15	9°54	15° 5	25°58	26°14	16°58	n.a.	W 7
T 8	0 26 26	5° 8'38	4♎29	23°23	26°15	19°16	12°27	12°24	19°13	9°57	15° 6	25°46	26°11	17° 5	n.a.	T 8
F 9	0 30 23	6° 9'18	19°26	24°47	27°31	20° 0	12°20	12°28	19°12	9°59	15° 6	25°34	26° 8	17°12	n.a.	F 9
S 10	0 34 19	7° 9'59	4♏27	26°11	28°46	20°44	12°13	12°32	19°10	10° 1	15° 7	25°25	26° 5	17°18	n.a.	S 10
S 11	0 38 16	8°10'42	19°21	27°34	0♎ 2	21°28	12° 7	12°36	19° 9	10° 3	15° 7	25°18	26° 2	17°25	n.a.	S 11
M12	0 42 13	9°11'27	4♐ 1	28°55	1°17	22°12	12° 0	12°41	19° 8	10° 5	15° 8	25°14	25°59	17°32	n.a.	M12
T 13	0 46 9	10°12'12	18°23	0♏16	2°33	22°56	11°54	12°45	19° 6	10° 7	15° 8	25°13	25°55	17°38	n.a.	T 13
W14	0 50 6	11°12'59	2♑25	1°35	3°49	23°40	11°48	12°50	19° 5	10° 9	15° 9	25°D12	25°52	17°45	n.a.	W14
T 15	0 54 2	12°13'48	16° 6	2°53	5° 4	24°24	11°42	12°54	19° 4	10°11	15° 9	25°R13	25°49	17°52	n.a.	T 15
F 16	0 57 59	13°14'37	29°28	4° 9	6°20	25° 8	11°36	12°59	19° 3	10°13	15° 9	25°11	25°46	17°58	n.a.	F 16
S 17	1 1 55	14°15'27	12♒34	5°23	7°36	25°52	11°30	13° 4	19° 2	10°15	15°10	25° 8	25°43	18° 5	n.a.	S 17
S 18	1 5 52	15°16'19	25°26	6°35	8°51	26°36	11°25	13° 8	19° 1	10°17	15°10	25° 2	25°39	18°12	n.a.	S 18
M19	1 9 49	16°17'11	8♓ 5	7°45	10° 7	27°20	11°19	13°13	19° 0	10°18	15°10	24°53	25°36	18°18	n.a.	M19
T 20	1 13 45	17°18'05	20°34	8°52	11°22	28° 4	11°14	13°18	18°59	10°20	15°10	24°42	25°33	18°25	n.a.	T 20
W21	1 17 42	18°18'59	2♈53	9°56	12°38	28°48	11° 9	13°23	18°58	10°22	15°11	24°29	25°30	18°32	n.a.	W21
T 22	1 21 38	19°19'55	15° 4	10°57	13°54	29°33	11° 4	13°28	18°57	10°24	15°11	24°16	25°27	18°38	n.a.	T 22
F 23	1 25 35	20°20'52	27° 6	11°53	15° 9	0♑17	10°59	13°33	18°56	10°26	15°11	24° 4	25°24	18°45	n.a.	F 23
S 24	1 29 31	21°21'51	9♉ 2	12°45	16°25	1° 1	10°55	13°39	18°56	10°28	15°11	23°54	25°20	18°52	n.a.	S 24
S 25	1 33 28	22°22'50	20°53	13°31	17°41	1°45	10°51	13°44	18°55	10°29	15°11	23°46	25°17	18°58	n.a.	S 25
M26	1 37 24	23°23'51	2♊40	14°12	18°56	2°30	10°47	13°49	18°54	10°31	15°11	23°41	25°14	19° 5	n.a.	M26
T 27	1 41 21	24°24'53	14°28	14°46	20°12	3°14	10°43	13°55	18°54	10°33	15°R11	23°39	25°11	19°12	n.a.	T 27
W28	1 45 17	25°25'57	26°19	15°12	21°27	3°58	10°39	14° 0	18°53	10°35	15°11	23°D38	25° 8	19°18	n.a.	W28
T 29	1 49 14	26°27'01	8♋19	15°30	22°43	4°43	10°35	14° 6	18°52	10°36	15°11	23°39	25° 4	19°25	n.a.	T 29
F 30	1 53 11	27°28'07	20°32	15°R39	23°59	5°27	10°32	14°11	18°52	10°38	15°11	23°40	25° 1	19°32	n.a.	F 30
S 31	1 57 7	28♎29'14	3♌ 4	15♏38	25♎14	6♑11	10♓29	14♐17	18♒52	10♍40	15♋11	23°R40	24♊58	19♉38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n47	24n 7	0n18	6s34	1s22	6n20	1n25	24s57	2s 6	8s20	1s49	22s 9	0n26	16s 0	0s49	9n39	1n43	32n33	9n40	23n46	23n46	13n47		n.a.
F 2	0 22	24 36	1 22	7 14	1 28	5 50	1 24	25 1	2 5	8 23	1 49	22 10	0 26	16 1	0 49	9 38	1 43	32 34	9 40	23 46	23 46	13 50		n.a.
S 3	0s 2	23 51	2 24	7 54	1 34	5 19	1 24	25 6	2 5	8 26	1 48	22 10	0 26	16 1	0 49	9 37	1 43	32 34	9 41	23 46	23 46	13 52		n.a.
S 4	0 27	21 48	3 20	8 34	1 40	4 48	1 23	25 10	2 4	8 29	1 48	22 11	0 25	16 2	0 49	9 36	1 43	32 34	9 41	23 46	23 46	13 55		n.a.
M 5	0 51	18 30	4 7	9 12	1 45	4 17	1 22	25 13	2 3	8 31	1 48	22 12	0 25	16 2	0 49	9 36	1 43	32 34	9 41	23 46	23 46	13 57		n.a.
T 6	1 16	14 3	4 41	9 51	1 51	3 46	1 21	25 17	2 3	8 34	1 48	22 12	0 25	16 3	0 49	9 35	1 43	32 35	9 42	23 46	23 46	14 0		n.a.
W 7	1 40	8 42	4 59	10 28	1 56	3 15	1 20	25 20	2 2	8 36	1 48	22 13	0 25	16 3	0 48	9 34	1 43	32 35	9 42	23 45	23 46	14 3		n.a.
T 8	2 4	2 44	4 57	11 5	2 1	2 43	1 19	25 23	2 1	8 39	1 48	22 13	0 25	16 3	0 48	9 33	1 43	32 35	9 43	23 45	23 46	14 5		n.a.
F 9	2 29	3s29	4 35	11 41	2 5	2 12	1 18	25 26	2 0	8 41	1 47	22 14	0 25	16 4	0 48	9 32	1 44	32 35	9 43	23 44	23 46	14 8		n.a.
S 10	2 53	9 32	3 54	12 16	2 10	1 40	1 17	25 29	2 0	8 44	1 47	22 15	0 25	16 4	0 48	9 32	1 44	32 36	9 43	23 44	23 45	14 10		n.a.
S 11	3 18	15 0	2 58	12 51	2 14	1 9	1 16	25 31	1 59	8 46	1 47	22 15	0 25	16 5	0 48	9 31	1 44	32 36	9 44	23 44	23 45	14 13		n.a.
M12	3 42	19 29	1 50	13 24	2 18	0 37	1 14	25 33	1 58	8 49	1 47	22 16	0 25	16 5	0 48	9 30	1 44	32 36	9 44	23 44	23 45	14 15		n.a.
T 13	4 6	22 42	0 36	13 56	2 21	0 5	1 13	25 35	1 57	8 51	1 47	22 17	0 24	16 5	0 48	9 29	1 44	32 37	9 44	23 44	23 45	14 18		n.a.
W14	4 30	24 26	0s38	14 28	2 24	0s27	1 12	25 36	1 57	8 53	1 46	22 18	0 24	16 6	0 48	9 29	1 44	32 37	9 45	23 44	23 45	14 20		n.a.
T 15	4 54	24 37	1 48	14 58	2 27	0 58	1 10	25 38	1 56	8 55	1 46	22 18	0 24	16 6	0 48	9 28	1 44	32 37	9 45	23 44	23 45	14 23		n.a.
F 16	5 18	23 22	2 51	15 26	2 29	1 30	1 9	25 39	1 55	8 57	1 46	22 19	0 24	16 7	0 48	9 27	1 44	32 38	9 45	23 44	23 45	14 25		n.a.
S 17	5 42	20 52	3 43	15 53	2 31	2 2	1 7	25 39	1 54	8 59	1 46	22 20	0 24	16 7	0 48	9 27	1 44	32 38	9 46	23 44	23 45	14 28		n.a.
S 18	6 6	17 22	4 23	16 19	2 32	2 33	1 6	25 40	1 54	9 1	1 45	22 20	0 24	16 7	0 48	9 26	1 44	32 38	9 46	23 43	23 45	14 30		n.a.
M19	6 30	13 8	4 49	16 43	2 33	3 5	1 4	25 40	1 53	9 3	1 45	22 21	0 24	16 7	0 48	9 25	1 44	32 39	9 46	23 43	23 45	14 33		n.a.
T 20	6 54	8 24	5 1	17 5	2 33	3 37	1 3	25 40	1 52	9 5	1 45	22 22	0 24	16 8	0 48	9 24	1 44	32 39	9 47	23 43	23 44	14 36		n.a.
W21	7 17	3 24	4 59	17 25	2 32	4 8	1 1	25 40	1 51	9 6	1 45	22 23	0 24	16 8	0 48	9 24	1 44	32 39	9 47	23 42	23 44	14 38		n.a.
T 22	7 41	1n41	4 43	17 43	2 30	4 39	0 59	25 39	1 50	9 8	1 44	22 23	0 23	16 8	0 48	9 23	1 44	32 40	9 48	23 41	23 44	14 41		n.a.
F 23	8 4	6 39	4 14	17 59	2 28	5 11	0 57	25 39	1 50	9 10	1 44	22 24	0 23	16 8	0 48	9 22	1 44	32 40	9 48	23 41	23 44	14 43		n.a.
S 24	8 28	11 21	3 35	18 12	2 24	5 42	0 56	25 37	1 49	9 11	1 44	22 25	0 23	16 9	0 48	9 22	1 44	32 40	9 48	23 40	23 44	14 46		n.a.
S 25	8 51	15 36	2 46	18 22	2 20	6 13	0 54	25 36	1 48	9 12	1 44	22 26	0 23	16 9	0 48	9 21	1 44	32 41	9 49	23 40	23 44	14 48		n.a.
M26	9 14	19 14	1 50	18 29	2 14	6 44	0 52	25 35	1 47	9 14	1 43	22 26	0 23	16 9	0 48	9 20	1 44	32 41	9 49	23 40	23 44	14 51		n.a.
T 27	9 36	22 5	0 49	18 33	2 7	7 15	0 50	25 33	1 46	9 15	1 43	22 27	0 23	16 9	0 48	9 20	1 44	32 41	9 49	23 40	23 44	14 53		n.a.
W28	9 59	24 0	0n14	18 33	1 59	7 45	0 48	25 31	1 45	9 16	1 43	22 28	0 23	16 9	0 48	9 19	1 44	32 42	9 50	23 40	23 44	14 56		n.a.
T 29	10 22	24 51	1 18	18 29	1 50	8 16	0 46	25 28	1 45	9 17	1 42	22 29	0 23	16 9	0 48	9 19	1 44	32 42	9 50	23 40	23 43	14 58		n.a.
F 30	10 44	24 31	2 19	18 21	1 39	8 46	0 44	25 26	1 44	9 18	1 42	22 29	0 23	16 10	0 48	9 18	1 44	32 42	9 50	23 40	23 43	15 1		n.a.
S 31	11s 6	22n57	3n16	18s 9	1s26	9s16	0n42	25s23	1s43	9s19	1s42	22s30	0n22	16s10	0s48	9n17	1n44	32n43	9n51	23n40	23n43	15n 3		n.a.

Julian Day Number = 1350967.5, Delta T = 07h07m21s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'40, Lahiri = -17°57'39 Julian Calendar 1 Oct. 1015 BCE == Greg. Calendar 21 Sept. 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

NOVEMBER 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 1 4	29♎30'22	16♌ 0	15°R26	26♎30	6♑56	10°R26	14♐23	18°R51	10♍41	15°R11	23°R38	24♊55	19♉45	n.a.	S 1
M 2	2 5 0	0♏31'32	29°23	15♏ 3	27°46	7°40	10♓23	14°28	18♒51	10°43	15♋11	23♊35	24°52	19°52	n.a.	M 2
T 3	2 8 57	1°32'42	13♍16	14°29	29° 1	8°25	10°20	14°34	18°51	10°45	15°10	23°29	24°49	19°58	n.a.	T 3
W 4	2 12 53	2°33'54	27°39	13°44	0♏17	9° 9	10°18	14°40	18°50	10°46	15°10	23°22	24°45	20° 5	n.a.	W 4
T 5	2 16 50	3°35'06	12♎27	12°47	1°33	9°54	10°16	14°46	18°50	10°48	15°10	23°13	24°42	20°12	n.a.	T 5
F 6	2 20 47	4°36'19	27°33	11°42	2°48	10°38	10°14	14°52	18°50	10°49	15°10	23° 5	24°39	20°18	n.a.	F 6
S 7	2 24 43	5°37'33	12♏48	10°28	4° 4	11°22	10°12	14°58	18°50	10°51	15° 9	22°59	24°36	20°25	n.a.	S 7
S 8	2 28 40	6°38'47	28° 1	9° 9	5°19	12° 7	10°11	15° 4	18°D50	10°52	15° 9	22°54	24°33	20°32	n.a.	S 8
M 9	2 32 36	7°40'02	13♐ 2	7°46	6°35	12°51	10° 9	15°10	18°50	10°54	15° 9	22°52	24°30	20°38	n.a.	M 9
T 10	2 36 33	8°41'18	27°43	6°24	7°51	13°36	10° 8	15°16	18°50	10°55	15° 8	22°D51	24°26	20°45	n.a.	T 10
W11	2 40 29	9°42'34	12♑ 1	5° 4	9° 6	14°20	10° 7	15°23	18°50	10°56	15° 8	22°53	24°23	20°52	n.a.	W11
T 12	2 44 26	10°43'50	25°52	3°49	10°22	15° 5	10° 6	15°29	18°51	10°58	15° 7	22°54	24°20	20°58	n.a.	T 12
F 13	2 48 22	11°45'06	9♒19	2°41	11°37	15°50	10° 6	15°35	18°51	10°59	15° 7	22°R55	24°17	21° 5	n.a.	F 13
S 14	2 52 19	12°46'22	22°23	1°42	12°53	16°34	10° 6	15°42	18°51	11° 0	15° 6	22°54	24°14	21°12	n.a.	S 14
S 15	2 56 16	13°47'38	5♓ 8	0°53	14° 9	17°19	10°D 6	15°48	18°51	11° 2	15° 6	22°52	24°10	21°18	n.a.	S 15
M16	3 0 12	14°48'54	17°38	0°15	15°24	18° 3	10° 6	15°54	18°52	11° 3	15° 5	22°48	24° 7	21°25	n.a.	M16
T 17	3 4 9	15°50'10	29°55	29♎48	16°40	18°48	10° 6	16° 1	18°52	11° 4	15° 5	22°42	24° 4	21°32	n.a.	T 17
W18	3 8 5	16°51'26	12♈ 2	29°31	17°55	19°32	10° 7	16° 7	18°53	11° 5	15° 4	22°36	24° 1	21°38	n.a.	W18
T 19	3 12 2	17°52'42	24° 1	29°D25	19°11	20°16	10° 7	16°14	18°53	11° 6	15° 4	22°29	23°58	21°45	n.a.	T 19
F 20	3 15 58	18°53'58	5♉56	29°28	20°26	21° 1	10° 8	16°21	18°54	11° 7	15° 3	22°22	23°55	21°52	n.a.	F 20
S 21	3 19 55	19°55'14	17°46	29°40	21°42	21°45	10°10	16°27	18°55	11° 8	15° 2	22°17	23°51	21°58	n.a.	S 21
S 22	3 23 51	20°56'31	29°35	0♏ 1	22°57	22°30	10°11	16°34	18°55	11° 9	15° 1	22°13	23°48	22° 5	n.a.	S 22
M23	3 27 48	21°57'47	11♊24	0°28	24°13	23°14	10°12	16°41	18°56	11°11	15° 1	22°11	23°45	22°12	n.a.	M23
T 24	3 31 45	22°59'04	23°16	1° 3	25°28	23°59	10°14	16°47	18°57	11°11	15° 0	22°D10	23°42	22°18	n.a.	T 24
W25	3 35 41	24° 0'20	5♋12	1°43	26°44	24°43	10°16	16°54	18°58	11°12	14°59	22°11	23°39	22°25	n.a.	W25
T 26	3 39 38	25° 1'37	17°16	2°28	27°59	25°28	10°18	17° 1	18°59	11°13	14°58	22°12	23°36	22°32	n.a.	T 26
F 27	3 43 34	26° 2'54	29°32	3°19	29°14	26°12	10°21	17° 8	19° 0	11°14	14°57	22°14	23°32	22°38	n.a.	F 27
S 28	3 47 31	27° 4'11	12♌ 4	4°13	0♐30	26°56	10°23	17°14	19° 1	11°15	14°57	22°16	23°29	22°45	n.a.	S 28
S 29	3 51 27	28° 5'28	24°56	5°12	1°45	27°41	10°26	17°21	19° 2	11°16	14°56	22°R17	23°26	22°52	n.a.	S 29
M30	3 55 24	29♏ 6'44	8♍11	6♏13	3♐ 1	28♑25	10♓29	17♐28	19♒ 3	11♍17	14♋55	22♊16	23♊23	22♉58	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s28	20n10	4n 4	17s52	1s12	9s46	0n40	25s20	1s42	9s20	1s41	22s31	0n22	16s10	0s48	9n17	1n44	32n43	9n51	23n40	23n43	15n 6		n.a.
M 2	11 50	16 14	4 40	17 30	0 56	10 16	0 38	25 16	1 41	9 21	1 41	22 32	0 22	16 10	0 48	9 16	1 45	32 43	9 52	23 39	23 43	15 8		n.a.
T 3	12 12	11 19	5 2	17 3	0 39	10 45	0 35	25 13	1 40	9 22	1 41	22 32	0 22	16 10	0 48	9 16	1 45	32 44	9 52	23 39	23 43	15 11		n.a.
W 4	12 33	5 37	5 6	16 32	0 21	11 14	0 33	25 9	1 39	9 22	1 41	22 33	0 22	16 10	0 47	9 15	1 45	32 44	9 52	23 39	23 43	15 13		n.a.
T 5	12 54	0s33	4 50	15 56	0 1	11 43	0 31	25 5	1 39	9 23	1 40	22 34	0 22	16 10	0 47	9 15	1 45	32 45	9 53	23 38	23 43	15 16		n.a.
F 6	13 15	6 49	4 14	15 17	0n19	12 11	0 29	25 0	1 38	9 23	1 40	22 35	0 22	16 10	0 47	9 14	1 45	32 45	9 53	23 38	23 42	15 18		n.a.
S 7	13 36	12 46	3 19	14 34	0 40	12 39	0 26	24 56	1 37	9 24	1 40	22 36	0 22	16 10	0 47	9 14	1 45	32 45	9 53	23 38	23 42	15 21		n.a.
S 8	13 57	17 55	2 10	13 49	1 0	13 7	0 24	24 51	1 36	9 24	1 39	22 36	0 22	16 10	0 47	9 13	1 45	32 46	9 54	23 37	23 42	15 23		n.a.
M 9	14 17	21 51	0 53	13 4	1 20	13 35	0 22	24 46	1 35	9 24	1 39	22 37	0 22	16 10	0 47	9 13	1 45	32 46	9 54	23 37	23 42	15 26		n.a.
T 10	14 37	24 14	0s26	12 19	1 38	14 2	0 20	24 40	1 34	9 24	1 39	22 38	0 21	16 10	0 47	9 12	1 45	32 47	9 54	23 37	23 42	15 28		n.a.
W11	14 57	24 57	1 42	11 36	1 55	14 29	0 17	24 35	1 33	9 24	1 38	22 39	0 21	16 10	0 47	9 12	1 45	32 47	9 55	23 37	23 42	15 31		n.a.
T 12	15 17	24 5	2 49	10 57	2 10	14 55	0 15	24 29	1 33	9 24	1 38	22 40	0 21	16 9	0 47	9 11	1 45	32 47	9 55	23 37	23 42	15 33		n.a.
F 13	15 36	21 49	3 45	10 21	2 23	15 22	0 13	24 23	1 32	9 24	1 38	22 40	0 21	16 9	0 47	9 11	1 45	32 48	9 55	23 37	23 41	15 35		n.a.
S 14	15 55	18 29	4 28	9 51	2 34	15 47	0 10	24 16	1 31	9 24	1 37	22 41	0 21	16 9	0 47	9 10	1 45	32 48	9 56	23 37	23 41	15 38		n.a.
S 15	16 14	14 21	4 56	9 26	2 43	16 12	0 8	24 10	1 30	9 24	1 37	22 42	0 21	16 9	0 47	9 10	1 45	32 49	9 56	23 37	23 41	15 40		n.a.
M16	16 32	9 42	5 9	9 6	2 49	16 37	0 6	24 3	1 29	9 23	1 37	22 43	0 21	16 9	0 47	9 9	1 45	32 49	9 56	23 37	23 41	15 43		n.a.
T 17	16 50	4 44	5 8	8 53	2 53	17 2	0 3	23 56	1 28	9 23	1 36	22 43	0 21	16 9	0 47	9 9	1 45	32 49	9 57	23 37	23 41	15 45		n.a.
W18	17 8	0n20	4 53	8 45	2 56	17 26	0 1	23 48	1 27	9 22	1 36	22 44	0 21	16 9	0 47	9 9	1 45	32 50	9 57	23 36	23 41	15 48		n.a.
T 19	17 26	5 21	4 25	8 42	2 56	17 49	0s 2	23 41	1 26	9 22	1 36	22 45	0 21	16 8	0 47	9 8	1 45	32 50	9 57	23 36	23 41	15 50		n.a.
F 20	17 43	10 9	3 46	8 43	2 56	18 12	0 4	23 33	1 25	9 21	1 35	22 46	0 21	16 8	0 47	9 8	1 46	32 51	9 58	23 36	23 40	15 53		n.a.
S 21	18 0	14 34	2 57	8 49	2 54	18 35	0 6	23 25	1 25	9 20	1 35	22 47	0 20	16 8	0 47	9 7	1 46	32 51	9 58	23 35	23 40	15 55		n.a.
S 22	18 16	18 25	2 1	8 59	2 51	18 56	0 9	23 17	1 24	9 19	1 35	22 47	0 20	16 8	0 47	9 7	1 46	32 51	9 58	23 35	23 40	15 58		n.a.
M23	18 33	21 32	0 59	9 13	2 47	19 18	0 11	23 8	1 23	9 18	1 34	22 48	0 20	16 7	0 47	9 7	1 46	32 52	9 59	23 35	23 40	16 0		n.a.
T 24	18 49	23 44	0n 6	9 30	2 42	19 39	0 13	23 0	1 22	9 17	1 34	22 49	0 20	16 7	0 47	9 6	1 46	32 52	9 59	23 35	23 40	16 2		n.a.
W25	19 4	24 54	1 11	9 49	2 37	19 59	0 16	22 51	1 21	9 16	1 33	22 50	0 20	16 7	0 47	9 6	1 46	32 53	9 59	23 35	23 40	16 5		n.a.
T 26	19 19	24 53	2 14	10 10	2 30	20 19	0 18	22 42	1 20	9 15	1 33	22 50	0 20	16 6	0 47	9 6	1 46	32 53	10 0	23 35	23 40	16 7		n.a.
F 27	19 34	23 41	3 11	10 34	2 24	20 38	0 20	22 32	1 19	9 14	1 33	22 51	0 20	16 6	0 47	9 6	1 46	32 53	10 0	23 35	23 39	16 10		n.a.
S 28	19 49	21 18	4 1	10 59	2 17	20 57	0 23	22 23	1 18	9 13	1 32	22 52	0 20	16 6	0 47	9 5	1 46	32 54	10 0	23 35	23 39	16 12		n.a.
S 29	20 3	17 48	4 40	11 25	2 10	21 15	0 25	22 13	1 17	9 11	1 32	22 53	0 20	16 5	0 47	9 5	1 46	32 54	10 0	23 35	23 39	16 15		n.a.
M30	20s17	13n21	5n 6	11s53	2n 2	21s32	0s27	22s 3	1s16	9s10	1s32	22s53	0n20	16s 5	0s46	9n 5	1n46	32n55	10n 1	23n35	23n39	16n17		n.a.

Julian Day Number = 1350998.5, Delta T = 07h07m20s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'35, Lahiri = -17°57'35 Julian Calendar 1 Nov. 1015 BCE == Greg. Calendar 22 Oct. 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1015 BCE
geocentric

DECEMBER 1015 BCE (-1014) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 59 21	0♐ 8'01	21♍52	7♏18	4♐16	29♑ 9	10♓32	17♐35	19♒ 4	11♍18	14°R54	22°R15	23♊20	23♉ 5	n.a.	T 1
W 2	4 3 17	1° 9'18	6♎ 1	8°25	5°32	29°54	10°36	17°42	19° 5	11°18	14♋53	22♊13	23°16	23°12	n.a.	W 2
T 3	4 7 14	2°10'34	20°35	9°35	6°47	0♒38	10°39	17°49	19° 7	11°19	14°52	22°10	23°13	23°18	n.a.	T 3
F 4	4 11 10	3°11'51	5♏31	10°46	8° 2	1°22	10°43	17°56	19° 8	11°20	14°51	22° 7	23°10	23°25	n.a.	F 4
S 5	4 15 7	4°13'07	20°41	12° 0	9°18	2° 7	10°47	18° 3	19° 9	11°20	14°50	22° 5	23° 7	23°32	n.a.	S 5
S 6	4 19 3	5°14'23	5♐55	13°15	10°33	2°51	10°51	18°10	19°11	11°21	14°49	22° 4	23° 4	23°38	n.a.	S 6
M 7	4 23 0	6°15'38	21° 4	14°32	11°49	3°35	10°56	18°17	19°12	11°21	14°48	22°D 3	23° 1	23°45	n.a.	M 7
T 8	4 26 56	7°16'53	5♑58	15°51	13° 4	4°19	11° 0	18°24	19°14	11°22	14°47	22° 3	22°57	23°52	n.a.	T 8
W 9	4 30 53	8°18'07	20°30	17°10	14°19	5° 4	11° 5	18°31	19°15	11°22	14°45	22° 4	22°54	23°58	n.a.	W 9
T 10	4 34 50	9°19'20	4♒36	18°31	15°35	5°48	11°10	18°38	19°17	11°23	14°44	22° 5	22°51	24° 5	n.a.	T 10
F 11	4 38 46	10°20'32	18°15	19°53	16°50	6°32	11°15	18°46	19°18	11°23	14°43	22° 6	22°48	24°12	n.a.	F 11
S 12	4 42 43	11°21'43	1♓27	21°15	18° 5	7°16	11°20	18°53	19°20	11°24	14°42	22° 7	22°45	24°18	n.a.	S 12
S 13	4 46 39	12°22'53	14°16	22°39	19°20	8° 0	11°25	19° 0	19°22	11°24	14°41	22°R 7	22°42	24°25	n.a.	S 13
M14	4 50 36	13°24'01	26°44	24° 4	20°36	8°44	11°31	19° 7	19°24	11°24	14°40	22° 7	22°38	24°32	n.a.	M14
T 15	4 54 32	14°25'09	8♈57	25°29	21°51	9°28	11°37	19°14	19°26	11°25	14°38	22° 6	22°35	24°38	n.a.	T 15
W16	4 58 29	15°26'15	20°58	26°56	23° 6	10°12	11°43	19°21	19°27	11°25	14°37	22° 5	22°32	24°45	n.a.	W16
T 17	5 2 26	16°27'21	2♉52	28°23	24°21	10°56	11°49	19°28	19°29	11°25	14°36	22° 5	22°29	24°52	n.a.	T 17
F 18	5 6 22	17°28'25	14°41	29°51	25°37	11°40	11°55	19°35	19°31	11°25	14°35	22° 4	22°26	24°58	n.a.	F 18
S 19	5 10 19	18°29'28	26°30	1♐19	26°52	12°24	12° 2	19°43	19°33	11°25	14°33	22° 3	22°22	25° 5	n.a.	S 19
S 20	5 14 15	19°30'30	8♊19	2°49	28° 7	13° 8	12° 8	19°50	19°35	11°26	14°32	22° 3	22°19	25°12	n.a.	S 20
M21	5 18 12	20°31'31	20°13	4°19	29°22	13°52	12°15	19°57	19°37	11°26	14°31	22°D 3	22°16	25°18	n.a.	M21
T 22	5 22 8	21°32'31	2♋12	5°49	0♑37	14°36	12°22	20° 4	19°39	11°26	14°29	22°R 3	22°13	25°25	n.a.	T 22
W23	5 26 5	22°33'30	14°19	7°21	1°52	15°20	12°29	20°11	19°42	11°R26	14°28	22° 3	22°10	25°32	n.a.	W23
T 24	5 30 1	23°34'27	26°36	8°53	3° 7	16° 4	12°36	20°18	19°44	11°26	14°27	22° 3	22° 7	25°38	n.a.	T 24
F 25	5 33 58	24°35'24	9♌ 4	10°26	4°23	16°47	12°44	20°26	19°46	11°26	14°25	22° 3	22° 3	25°45	n.a.	F 25
S 26	5 37 55	25°36'19	21°45	11°59	5°38	17°31	12°51	20°33	19°48	11°26	14°24	22° 2	22° 0	25°52	n.a.	S 26
S 27	5 41 51	26°37'14	4♍42	13°33	6°53	18°15	12°59	20°40	19°51	11°25	14°22	22° 2	21°57	25°58	n.a.	S 27
M28	5 45 48	27°38'07	17°57	15° 8	8° 8	18°58	13° 7	20°47	19°53	11°25	14°21	22° 2	21°54	26° 5	n.a.	M28
T 29	5 49 44	28°38'59	1♎32	16°44	9°23	19°42	13°15	20°54	19°55	11°25	14°20	22°D 1	21°51	26°12	n.a.	T 29
W30	5 53 41	29°39'50	15°27	18°20	10°38	20°26	13°23	21° 1	19°58	11°25	14°18	22° 2	21°48	26°18	n.a.	W30
T 31	5 57 37	0♑40'41	29♎42	19♐57	11♑53	21♒ 9	13♓31	21♐ 8	20♒ 0	11♍25	14♋17	22♊ 2	21♊44	26♉25	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	20s30	8n 5	5n15	12s22	1n55	21s49	0s29	21s53	1s16	9s 8	1s31	22s54	0n20	16s 4	0s46	9n 4	1n46	32n55	10n 1	23n35	23n39	16n19			n.a.
W 2	20 43	2 15	5 6	12 51	1 47	22 5	0 32	21 42	1 15	9 7	1 31	22 55	0 19	16 4	0 46	9 4	1 46	32 55	10 1	23 35	23 39	16 22			n.a.
T 3	20 55	3s53	4 38	13 21	1 39	22 20	0 34	21 32	1 14	9 5	1 31	22 56	0 19	16 4	0 46	9 4	1 46	32 56	10 2	23 35	23 38	16 24			n.a.
F 4	21 8	9 58	3 50	13 51	1 31	22 35	0 36	21 21	1 13	9 3	1 30	22 56	0 19	16 3	0 46	9 4	1 46	32 56	10 2	23 35	23 38	16 27			n.a.
S 5	21 19	15 33	2 45	14 22	1 23	22 49	0 38	21 10	1 12	9 1	1 30	22 57	0 19	16 3	0 46	9 4	1 47	32 57	10 2	23 35	23 38	16 29			n.a.
S 6	21 31	20 11	1 28	14 53	1 14	23 3	0 40	20 59	1 11	9 0	1 30	22 58	0 19	16 2	0 46	9 4	1 47	32 57	10 2	23 34	23 38	16 32			n.a.
M 7	21 42	23 25	0 5	15 24	1 6	23 16	0 43	20 48	1 10	8 58	1 29	22 58	0 19	16 2	0 46	9 3	1 47	32 57	10 3	23 34	23 38	16 34			n.a.
T 8	21 52	24 57	1s16	15 55	0 58	23 28	0 45	20 36	1 9	8 56	1 29	22 59	0 19	16 1	0 46	9 3	1 47	32 58	10 3	23 34	23 38	16 36			n.a.
W 9	22 2	24 43	2 31	16 26	0 50	23 39	0 47	20 24	1 8	8 53	1 29	23 0	0 19	16 1	0 46	9 3	1 47	32 58	10 3	23 34	23 37	16 39			n.a.
T 10	22 12	22 53	3 35	16 56	0 42	23 50	0 49	20 12	1 8	8 51	1 29	23 1	0 19	16 0	0 46	9 3	1 47	32 59	10 3	23 35	23 37	16 41			n.a.
F 11	22 21	19 46	4 24	17 26	0 34	24 0	0 51	20 0	1 7	8 49	1 28	23 1	0 19	16 0	0 46	9 3	1 47	32 59	10 4	23 35	23 37	16 44			n.a.
S 12	22 30	15 44	4 57	17 56	0 26	24 9	0 53	19 48	1 6	8 47	1 28	23 2	0 19	15 59	0 46	9 3	1 47	32 59	10 4	23 35	23 37	16 46			n.a.
S 13	22 38	11 6	5 14	18 26	0 18	24 17	0 54	19 36	1 5	8 44	1 28	23 3	0 19	15 58	0 46	9 3	1 47	33 0	10 4	23 35	23 37	16 48			n.a.
M14	22 46	6 8	5 16	18 55	0 11	24 25	0 56	19 23	1 4	8 42	1 27	23 3	0 19	15 58	0 46	9 3	1 47	33 0	10 4	23 35	23 36	16 51			n.a.
T 15	22 53	1 2	5 4	19 23	0 3	24 32	0 58	19 10	1 3	8 39	1 27	23 4	0 18	15 57	0 46	9 3	1 47	33 1	10 5	23 35	23 36	16 53			n.a.
W16	23 0	4n 1	4 38	19 51	0s 4	24 38	1 0	18 58	1 2	8 37	1 27	23 5	0 18	15 57	0 46	9 3	1 47	33 1	10 5	23 35	23 36	16 55			n.a.
T 17	23 7	8 54	4 1	20 18	0 12	24 43	1 2	18 44	1 1	8 34	1 26	23 5	0 18	15 56	0 46	9 3	1 47	33 1	10 5	23 35	23 36	16 58			n.a.
F 18	23 13	13 25	3 13	20 44	0 19	24 48	1 3	18 31	1 0	8 31	1 26	23 6	0 18	15 55	0 46	9 3	1 47	33 2	10 5	23 34	23 36	17 0			n.a.
S 19	23 19	17 27	2 17	21 10	0 26	24 52	1 5	18 18	1 0	8 28	1 26	23 7	0 18	15 55	0 46	9 3	1 47	33 2	10 6	23 34	23 36	17 3			n.a.
S 20	23 24	20 48	1 16	21 35	0 33	24 55	1 7	18 4	0 59	8 26	1 25	23 7	0 18	15 54	0 46	9 3	1 48	33 2	10 6	23 34	23 35	17 5			n.a.
M21	23 28	23 17	0 10	21 59	0 39	24 57	1 8	17 51	0 58	8 23	1 25	23 8	0 18	15 53	0 46	9 3	1 48	33 3	10 6	23 34	23 35	17 7			n.a.
T 22	23 32	24 44	0n56	22 22	0 46	24 59	1 10	17 37	0 57	8 20	1 25	23 8	0 18	15 53	0 46	9 3	1 48	33 3	10 6	23 34	23 35	17 10			n.a.
W23	23 36	25 2	2 1	22 44	0 52	24 59	1 11	17 23	0 56	8 17	1 25	23 9	0 18	15 52	0 46	9 3	1 48	33 3	10 6	23 34	23 35	17 12			n.a.
T 24	23 39	24 7	3 1	23 5	0 58	24 59	1 13	17 9	0 55	8 14	1 24	23 10	0 18	15 51	0 46	9 3	1 48	33 4	10 7	23 34	23 35	17 14			n.a.
F 25	23 42	22 0	3 53	23 25	1 4	24 59	1 14	16 55	0 54	8 10	1 24	23 10	0 18	15 50	0 46	9 3	1 48	33 4	10 7	23 34	23 34	17 17			n.a.
S 26	23 44	18 48	4 35	23 44	1 10	24 57	1 15	16 40	0 53	8 7	1 24	23 11	0 18	15 50	0 46	9 3	1 48	33 4	10 7	23 34	23 34	17 19			n.a.
S 27	23 46	14 37	5 3	24 1	1 15	24 55	1 17	16 26	0 52	8 4	1 23	23 11	0 18	15 49	0 46	9 3	1 48	33 5	10 7	23 34	23 34	17 22			n.a.
M28	23 48	9 41	5 17	24 18	1 20	24 51	1 18	16 11	0 52	8 1	1 23	23 12	0 17	15 48	0 46	9 3	1 48	33 5	10 7	23 34	23 34	17 24			n.a.
T 29	23 49	4 10	5 13	24 33	1 25	24 48	1 19	15 56	0 51	7 57	1 23	23 13	0 17	15 47	0 45	9 3	1 48	33 5	10 7	23 34	23 34	17 26			n.a.
W30	23 49	1s42	4 52	24 47	1 30	24 43	1 20	15 42	0 50	7 54	1 23	23 13	0 17	15 46	0 45	9 3	1 48	33 6	10 8	23 34	23 33	17 29			n.a.
T 31	23s49	7s37	4n12	24s59	1s34	24s37	1s21	15s27	0s49	7s50	1s22	23s14	0n17	15s46	0s45	9n 4	1n48	33n 6	10n 8	23n34	23n33	17n31			n.a.

Julian Day Number = 1351028.5, Delta T = 07h07m18s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'31, Lahiri = -17°57'31 Julian Calendar 1 Dec. 1015 BCE == Greg. Calendar 21 Nov. 1015 BCE

The year -1014 astronomical counting style corresponds to year 1015 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

JANUARY 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 1 34	1♉41'30	14♏16	21♐35	13♉ 8	21♒53	13♓40	21♐15	20♒ 3	11°R24	14°R15	22♊ 3	21♊41	26♌32	n.a.	F 1
S 2	6 5 31	2°42'17	29° 4	23°14	14°23	22°36	13°49	21°22	20° 5	11♍24	14♋14	22° 4	21°38	26°38	n.a.	S 2
S 3	6 9 27	3°43'04	14♐ 1	24°53	15°38	23°20	13°57	21°30	20° 8	11°24	14°12	22° 4	21°35	26°45	n.a.	S 3
M 4	6 13 24	4°43'49	28°57	26°33	16°53	24° 3	14° 6	21°37	20°10	11°23	14°11	22°R 4	21°32	26°52	n.a.	M 4
T 5	6 17 20	5°44'33	13♉47	28°14	18° 8	24°47	14°15	21°44	20°13	11°23	14°10	22° 4	21°28	26°58	n.a.	T 5
W 6	6 21 17	6°45'15	28°21	29°56	19°22	25°30	14°24	21°51	20°16	11°22	14° 8	22° 2	21°25	27° 5	n.a.	W 6
T 7	6 25 13	7°45'56	12♒33	1♉39	20°37	26°14	14°34	21°58	20°18	11°22	14° 7	22° 0	21°22	27°12	n.a.	T 7
F 8	6 29 10	8°46'34	26°21	3°22	21°52	26°57	14°43	22° 5	20°21	11°21	14° 5	21°58	21°19	27°18	n.a.	F 8
S 9	6 33 6	9°47'11	9♓42	5° 7	23° 7	27°40	14°52	22°12	20°24	11°21	14° 4	21°56	21°16	27°25	n.a.	S 9
S 10	6 37 3	10°47'45	22°38	6°52	24°22	28°24	15° 2	22°19	20°27	11°20	14° 2	21°54	21°13	27°32	n.a.	S 10
M11	6 41 0	11°48'18	5♈11	8°38	25°37	29° 7	15°12	22°25	20°30	11°20	14° 1	21°53	21° 9	27°38	n.a.	M11
T 12	6 44 56	12°48'48	17°26	10°25	26°51	29°50	15°22	22°32	20°32	11°19	13°59	21°D53	21° 6	27°45	n.a.	T 12
W13	6 48 53	13°49'17	29°27	12°13	28° 6	0♓33	15°32	22°39	20°35	11°18	13°58	21°54	21° 3	27°52	n.a.	W13
T 14	6 52 49	14°49'44	11♉19	14° 2	29°21	1°16	15°42	22°46	20°38	11°18	13°56	21°55	21° 0	27°58	n.a.	T 14
F 15	6 56 46	15°50'08	23° 7	15°52	0♒36	1°59	15°52	22°53	20°41	11°17	13°55	21°57	20°57	28° 5	n.a.	F 15
S 16	7 0 42	16°50'31	4♊55	17°42	1°50	2°42	16° 2	23° 0	20°44	11°16	13°53	21°59	20°54	28°12	n.a.	S 16
S 17	7 4 39	17°50'51	16°47	19°33	3° 5	3°25	16°13	23° 6	20°47	11°15	13°52	22°R 0	20°50	28°18	n.a.	S 17
M18	7 8 35	18°51'10	28°47	21°25	4°20	4° 8	16°23	23°13	20°50	11°14	13°50	22° 0	20°47	28°25	n.a.	M18
T 19	7 12 32	19°51'26	10♋57	23°18	5°34	4°51	16°34	23°20	20°53	11°14	13°49	21°58	20°44	28°32	n.a.	T 19
W20	7 16 29	20°51'41	23°18	25°12	6°49	5°34	16°45	23°26	20°56	11°13	13°47	21°55	20°41	28°38	n.a.	W20
T 21	7 20 25	21°51'54	5♌52	27° 6	8° 3	6°17	16°56	23°33	20°59	11°12	13°46	21°51	20°38	28°45	n.a.	T 21
F 22	7 24 22	22°52'05	18°40	29° 0	9°18	7° 0	17° 7	23°40	21° 2	11°11	13°44	21°46	20°34	28°52	n.a.	F 22
S 23	7 28 18	23°52'14	1♍41	0♒55	10°32	7°43	17°18	23°46	21° 5	11°10	13°43	21°40	20°31	28°58	n.a.	S 23
S 24	7 32 15	24°52'21	14°55	2°50	11°47	8°25	17°29	23°53	21° 9	11° 9	13°42	21°35	20°28	29° 5	n.a.	S 24
M25	7 36 11	25°52'26	28°22	4°44	13° 1	9° 8	17°40	23°59	21°12	11° 8	13°40	21°31	20°25	29°12	n.a.	M25
T 26	7 40 8	26°52'30	12♎ 1	6°39	14°16	9°51	17°51	24° 5	21°15	11° 7	13°39	21°29	20°22	29°18	n.a.	T 26
W27	7 44 4	27°52'31	25°53	8°32	15°30	10°33	18° 3	24°12	21°18	11° 6	13°37	21°D28	20°19	29°25	n.a.	W27
T 28	7 48 1	28°52'32	9♏57	10°25	16°44	11°16	18°14	24°18	21°21	11° 5	13°36	21°28	20°15	29°31	n.a.	T 28
F 29	7 51 58	29°52'30	24°12	12°17	17°59	11°58	18°26	24°24	21°24	11° 4	13°34	21°29	20°12	29°38	n.a.	F 29
S 30	7 55 54	0♒52'27	8♐35	14° 7	19°13	12°41	18°38	24°31	21°28	11° 2	13°33	21°31	20° 9	29°45	n.a.	S 30
S 31	7 59 51	1♒52'22	23♐ 5	15♒55	20♒27	13♓23	18♓49	24♐37	21♒31	11♍ 1	13♋32	21°R31	20♊ 6	29♌51	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	13s16	3n15	25s11	1s38	24s31	1s22	15s12	0s48	7s47	1s22	23s14	0n17	15s45	0s45	9n 4	1n48	33n 6	10n 8	23n34	23n33	17n33		n.a.
S 2	23 47	18 15	2 4	25 20	1 42	24 24	1 23	14 56	0 47	7 43	1 22	23 15	0 17	15 44	0 45	9 4	1 48	33 7	10 8	23 34	23 33	17 36		n.a.
S 3	23 46	22 6	0 45	25 28	1 45	24 16	1 24	14 41	0 46	7 39	1 21	23 15	0 17	15 43	0 45	9 4	1 48	33 7	10 8	23 34	23 33	17 38		n.a.
M 4	23 44	24 27	0s38	25 35	1 48	24 8	1 25	14 26	0 46	7 36	1 21	23 16	0 17	15 42	0 45	9 4	1 49	33 7	10 8	23 34	23 32	17 40		n.a.
T 5	23 41	25 2	1 57	25 40	1 51	23 59	1 26	14 10	0 45	7 32	1 21	23 16	0 17	15 41	0 45	9 5	1 49	33 8	10 8	23 34	23 32	17 43		n.a.
W 6	23 38	23 53	3 8	25 43	1 54	23 49	1 26	13 54	0 44	7 28	1 21	23 17	0 17	15 40	0 45	9 5	1 49	33 8	10 9	23 34	23 32	17 45		n.a.
T 7	23 35	21 12	4 5	25 44	1 56	23 38	1 27	13 39	0 43	7 24	1 20	23 17	0 17	15 40	0 45	9 5	1 49	33 8	10 9	23 34	23 32	17 47		n.a.
F 8	23 31	17 23	4 45	25 44	1 58	23 27	1 27	13 23	0 42	7 20	1 20	23 18	0 17	15 39	0 45	9 5	1 49	33 8	10 9	23 34	23 32	17 49		n.a.
S 9	23 27	12 48	5 9	25 42	1 59	23 15	1 28	13 7	0 41	7 16	1 20	23 18	0 17	15 38	0 45	9 6	1 49	33 9	10 9	23 34	23 31	17 52		n.a.
S 10	23 22	7 48	5 16	25 38	2 0	23 2	1 28	12 51	0 41	7 12	1 20	23 19	0 17	15 37	0 45	9 6	1 49	33 9	10 9	23 34	23 31	17 54		n.a.
M11	23 17	2 36	5 8	25 32	2 0	22 48	1 29	12 35	0 40	7 8	1 19	23 19	0 17	15 36	0 45	9 6	1 49	33 9	10 9	23 34	23 31	17 56		n.a.
T 12	23 11	2n34	4 45	25 24	2 0	22 34	1 29	12 19	0 39	7 4	1 19	23 20	0 16	15 35	0 45	9 6	1 49	33 10	10 9	23 34	23 31	17 59		n.a.
W13	23 5	7 33	4 11	25 14	2 0	22 19	1 29	12 3	0 38	7 0	1 19	23 20	0 16	15 34	0 45	9 7	1 49	33 10	10 9	23 34	23 31	18 1		n.a.
T 14	22 59	12 12	3 26	25 2	1 59	22 4	1 29	11 46	0 37	6 56	1 19	23 21	0 16	15 33	0 45	9 7	1 49	33 10	10 9	23 34	23 30	18 3		n.a.
F 15	22 52	16 23	2 33	24 48	1 58	21 48	1 30	11 30	0 36	6 52	1 18	23 21	0 16	15 32	0 45	9 7	1 49	33 10	10 9	23 34	23 30	18 6		n.a.
S 16	22 44	19 56	1 33	24 32	1 56	21 31	1 30	11 13	0 36	6 47	1 18	23 22	0 16	15 31	0 45	9 8	1 49	33 11	10 9	23 34	23 30	18 8		n.a.
S 17	22 36	22 40	0 29	24 14	1 53	21 14	1 30	10 57	0 35	6 43	1 18	23 22	0 16	15 30	0 45	9 8	1 49	33 11	10 10	23 34	23 30	18 10		n.a.
M18	22 28	24 26	0n37	23 54	1 50	20 56	1 29	10 40	0 34	6 39	1 18	23 22	0 16	15 29	0 45	9 9	1 49	33 11	10 10	23 34	23 29	18 12		n.a.
T 19	22 19	25 3	1 42	23 31	1 47	20 37	1 29	10 24	0 33	6 34	1 18	23 23	0 16	15 28	0 45	9 9	1 49	33 11	10 10	23 34	23 29	18 15		n.a.
W20	22 10	24 27	2 43	23 6	1 42	20 18	1 29	10 7	0 32	6 30	1 17	23 23	0 16	15 27	0 45	9 9	1 49	33 11	10 10	23 34	23 29	18 17		n.a.
T 21	22 1	22 36	3 38	22 40	1 37	19 58	1 29	9 50	0 32	6 25	1 17	23 24	0 16	15 26	0 45	9 10	1 50	33 12	10 10	23 34	23 29	18 19		n.a.
F 22	21 51	19 36	4 22	22 11	1 32	19 38	1 28	9 33	0 31	6 21	1 17	23 24	0 16	15 25	0 45	9 10	1 50	33 12	10 10	23 33	23 29	18 22		n.a.
S 23	21 40	15 36	4 53	21 40	1 26	19 17	1 28	9 16	0 30	6 16	1 17	23 24	0 16	15 24	0 45	9 11	1 50	33 12	10 10	23 33	23 28	18 24		n.a.
S 24	21 29	10 47	5 10	21 7	1 19	18 55	1 27	8 59	0 29	6 12	1 16	23 25	0 16	15 23	0 45	9 11	1 50	33 12	10 10	23 33	23 28	18 26		n.a.
M25	21 18	5 23	5 10	20 32	1 11	18 33	1 27	8 42	0 28	6 7	1 16	23 25	0 16	15 22	0 45	9 11	1 50	33 12	10 10	23 32	23 28	18 28		n.a.
T 26	21 7	0s21	4 52	19 55	1 3	18 11	1 26	8 25	0 28	6 2	1 16	23 25	0 16	15 21	0 45	9 12	1 50	33 13	10 10	23 32	23 28	18 31		n.a.
W27	20 55	6 10	4 18	19 17	0 54	17 48	1 26	8 8	0 27	5 57	1 16	23 26	0 15	15 20	0 45	9 12	1 50	33 13	10 10	23 32	23 27	18 33		n.a.
T 28	20 42	11 45	3 27	18 37	0 45	17 25	1 25	7 51	0 26	5 53	1 16	23 26	0 15	15 19	0 45	9 13	1 50	33 13	10 10	23 32	23 27	18 35		n.a.
F 29	20 30	16 48	2 23	17 56	0 35	17 1	1 24	7 34	0 25	5 48	1 15	23 26	0 15	15 18	0 45	9 13	1 50	33 13	10 10	23 32	23 27	18 37		n.a.
S 30	20 17	20 56	1 10	17 14	0 24	16 36	1 23	7 17	0 24	5 43	1 15	23 27	0 15	15 17	0 45	9 14	1 50	33 13	10 10	23 32	23 27	18 40		n.a.
S 31	20s 3	23s46	0s 9	16s31	0s12	16s12	1s22	6s59	0s24	5s38	1s15	23s27	0n15	15s16	0s45	9n14	1n50	33n13	10n10	23n32	23n26	18n42		n.a.

Julian Day Number = 1351059.5, Delta T = 07h07m16s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'27, Lahiri = -17°57'27 Julian Calendar 1 Jan. 1014 BCE == Greg. Calendar 22 Dec. 1015 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

FEBRUARY 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 3 47	2♒52'15	7♉37	17♒40	21♒42	14♓ 6	19♓ 1	24♐43	21♒34	11°R 0	13°R30	21°R30	20♊ 3	29♉58	n.a.	M 1
T 2	8 7 44	3°52'06	22° 5	19°22	22°56	14°48	19°13	24°49	21°37	10♍59	13♋29	21♊27	20° 0	0♊ 5	n.a.	T 2
W 3	8 11 40	4°51'55	6♒24	21° 1	24°10	15°30	19°25	24°55	21°41	10°58	13°27	21°22	19°56	0°11	n.a.	W 3
T 4	8 15 37	5°51'42	20°27	22°36	25°24	16°13	19°37	25° 1	21°44	10°56	13°26	21°15	19°53	0°18	n.a.	T 4
F 5	8 19 33	6°51'27	4♓11	24° 6	26°38	16°55	19°50	25° 7	21°47	10°55	13°25	21° 7	19°50	0°25	n.a.	F 5
S 6	8 23 30	7°51'09	17°33	25°32	27°53	17°37	20° 2	25°13	21°51	10°54	13°23	20°59	19°47	0°31	n.a.	S 6
S 7	8 27 26	8°50'49	0♈31	26°51	29° 7	18°20	20°14	25°19	21°54	10°53	13°22	20°52	19°44	0°38	n.a.	S 7
M 8	8 31 23	9°50'27	13° 7	28° 5	0♓21	19° 2	20°27	25°25	21°57	10°51	13°21	20°47	19°40	0°45	n.a.	M 8
T 9	8 35 20	10°50'02	25°25	29°12	1°35	19°44	20°39	25°31	22° 1	10°50	13°19	20°43	19°37	0°51	n.a.	T 9
W10	8 39 16	11°49'35	7♉28	0♓13	2°49	20°26	20°52	25°36	22° 4	10°49	13°18	20°D42	19°34	0°58	n.a.	W10
T 11	8 43 13	12°49'05	19°21	1° 6	4° 3	21° 8	21° 4	25°42	22° 8	10°47	13°17	20°42	19°31	1° 5	n.a.	T 11
F 12	8 47 9	13°48'33	1♊ 9	1°52	5°17	21°50	21°17	25°48	22°11	10°46	13°16	20°43	19°28	1°11	n.a.	F 12
S 13	8 51 6	14°47'59	12°58	2°30	6°30	22°32	21°30	25°53	22°14	10°44	13°14	20°44	19°25	1°18	n.a.	S 13
S 14	8 55 2	15°47'22	24°53	3° 0	7°44	23°14	21°42	25°59	22°18	10°43	13°13	20°R44	19°21	1°25	n.a.	S 14
M15	8 58 59	16°46'43	6♋58	3°23	8°58	23°56	21°55	26° 4	22°21	10°41	13°12	20°43	19°18	1°31	n.a.	M15
T 16	9 2 55	17°46'01	19°17	3°38	10°12	24°37	22° 8	26° 9	22°25	10°40	13°11	20°39	19°15	1°38	n.a.	T 16
W17	9 6 52	18°45'18	1♌52	3°R44	11°25	25°19	22°21	26°15	22°28	10°38	13°10	20°33	19°12	1°45	n.a.	W17
T 18	9 10 49	19°44'32	14°45	3°44	12°39	26° 1	22°34	26°20	22°31	10°37	13° 9	20°24	19° 9	1°51	n.a.	T 18
F 19	9 14 45	20°43'43	27°54	3°35	13°53	26°43	22°47	26°25	22°35	10°35	13° 7	20°14	19° 5	1°58	n.a.	F 19
S 20	9 18 42	21°42'53	11♍20	3°20	15° 6	27°24	23° 0	26°30	22°38	10°34	13° 6	20° 4	19° 2	2° 5	n.a.	S 20
S 21	9 22 38	22°42'00	24°59	2°58	16°20	28° 6	23°14	26°35	22°42	10°32	13° 5	19°54	18°59	2°11	n.a.	S 21
M22	9 26 35	23°41'05	8♎48	2°29	17°33	28°48	23°27	26°40	22°45	10°31	13° 4	19°45	18°56	2°18	n.a.	M22
T 23	9 30 31	24°40'09	22°45	1°56	18°47	29°29	23°40	26°45	22°48	10°29	13° 3	19°39	18°53	2°24	n.a.	T 23
W24	9 34 28	25°39'10	6♏47	1°17	20° 0	0♈11	23°53	26°50	22°52	10°28	13° 2	19°35	18°50	2°31	n.a.	W24
T 25	9 38 24	26°38'10	20°52	0°35	21°13	0°52	24° 7	26°54	22°55	10°26	13° 1	19°D34	18°46	2°38	n.a.	T 25
F 26	9 42 21	27°37'08	4♐59	29♒50	22°27	1°34	24°20	26°59	22°59	10°25	13° 0	19°34	18°43	2°44	n.a.	F 26
S 27	9 46 17	28°36'04	19° 6	29° 3	23°40	2°15	24°34	27° 4	23° 2	10°23	12°59	19°R34	18°40	2°51	n.a.	S 27
S 28	9 50 14	29♒34'58	3♉14	28♒15	24♓53	2♈56	24♓47	27♐ 8	23♒ 5	10♍21	12♋58	19♊33	18♊37	2♊58	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s50	25s 2	1s26	15s47	0s 0	15s46	1s21	6s42	0s23	5s33	1s15	23s27	0n15	15s14	0s45	9n15	1n50	33n13	10n10	23n32	23n26	18n44		n.a.
T 2	19 35	24 34	2 38	15 3	0n12	15 21	1 20	6 25	0 22	5 28	1 15	23 28	0 15	15 13	0 45	9 15	1 50	33 14	10 10	23 32	23 26	18 46		n.a.
W 3	19 21	22 30	3 39	14 19	0 25	14 55	1 19	6 8	0 21	5 23	1 14	23 28	0 15	15 12	0 45	9 16	1 50	33 14	10 10	23 32	23 26	18 48		n.a.
T 4	19 6	19 5	4 25	13 35	0 38	14 28	1 18	5 50	0 21	5 18	1 14	23 28	0 15	15 11	0 45	9 16	1 50	33 14	10 10	23 31	23 25	18 51		n.a.
F 5	18 51	14 41	4 55	12 53	0 52	14 1	1 16	5 33	0 20	5 13	1 14	23 29	0 15	15 10	0 45	9 17	1 50	33 14	10 10	23 31	23 25	18 53		n.a.
S 6	18 36	9 42	5 8	12 11	1 6	13 34	1 15	5 15	0 19	5 8	1 14	23 29	0 15	15 9	0 45	9 17	1 50	33 14	10 10	23 30	23 25	18 55		n.a.
S 7	18 20	4 25	5 4	11 30	1 20	13 7	1 14	4 58	0 18	5 3	1 14	23 29	0 15	15 8	0 45	9 18	1 50	33 14	10 10	23 30	23 25	18 57		n.a.
M 8	18 4	0n53	4 45	10 52	1 34	12 39	1 12	4 41	0 18	4 58	1 14	23 29	0 15	15 7	0 45	9 19	1 50	33 14	10 10	23 29	23 24	19 0		n.a.
T 9	17 47	6 3	4 14	10 15	1 48	12 11	1 11	4 23	0 17	4 53	1 13	23 30	0 15	15 6	0 45	9 19	1 50	33 14	10 9	23 29	23 24	19 2		n.a.
W10	17 31	10 53	3 32	9 41	2 2	11 42	1 9	4 6	0 16	4 48	1 13	23 30	0 15	15 5	0 45	9 20	1 50	33 14	10 9	23 29	23 24	19 4		n.a.
T 11	17 14	15 16	2 41	9 9	2 15	11 13	1 7	3 48	0 15	4 43	1 13	23 30	0 15	15 3	0 45	9 20	1 51	33 14	10 9	23 29	23 24	19 6		n.a.
F 12	16 57	19 1	1 44	8 41	2 28	10 44	1 6	3 31	0 15	4 37	1 13	23 30	0 14	15 2	0 45	9 21	1 51	33 15	10 9	23 29	23 23	19 8		n.a.
S 13	16 39	22 1	0 42	8 16	2 40	10 15	1 4	3 13	0 14	4 32	1 13	23 31	0 14	15 1	0 45	9 21	1 51	33 15	10 9	23 29	23 23	19 11		n.a.
S 14	16 21	24 5	0n22	7 54	2 51	9 45	1 2	2 56	0 13	4 27	1 13	23 31	0 14	15 0	0 45	9 22	1 51	33 15	10 9	23 29	23 23	19 13		n.a.
M15	16 3	25 4	1 26	7 36	3 2	9 16	1 0	2 38	0 12	4 22	1 12	23 31	0 14	14 59	0 45	9 23	1 51	33 15	10 9	23 29	23 23	19 15		n.a.
T 16	15 45	24 50	2 27	7 22	3 12	8 46	0 58	2 21	0 12	4 16	1 12	23 31	0 14	14 58	0 45	9 23	1 51	33 15	10 9	23 29	23 22	19 17		n.a.
W17	15 26	23 20	3 22	7 11	3 20	8 15	0 56	2 3	0 11	4 11	1 12	23 32	0 14	14 57	0 45	9 24	1 51	33 15	10 9	23 28	23 22	19 19		n.a.
T 18	15 8	20 36	4 8	7 5	3 27	7 45	0 54	1 46	0 10	4 6	1 12	23 32	0 14	14 56	0 45	9 24	1 51	33 15	10 9	23 28	23 22	19 21		n.a.
F 19	14 49	16 46	4 41	7 2	3 33	7 14	0 52	1 28	0 9	4 0	1 12	23 32	0 14	14 54	0 45	9 25	1 51	33 15	10 9	23 27	23 22	19 24		n.a.
S 20	14 29	12 2	5 0	7 4	3 38	6 43	0 50	1 11	0 9	3 55	1 12	23 32	0 14	14 53	0 45	9 26	1 51	33 15	10 9	23 26	23 21	19 26		n.a.
S 21	14 10	6 38	5 3	7 9	3 41	6 12	0 48	0 53	0 8	3 49	1 12	23 32	0 14	14 52	0 45	9 26	1 51	33 15	10 8	23 26	23 21	19 28		n.a.
M22	13 50	0 51	4 47	7 18	3 42	5 41	0 45	0 36	0 7	3 44	1 11	23 33	0 14	14 51	0 45	9 27	1 51	33 15	10 8	23 25	23 21	19 30		n.a.
T 23	13 30	5s 3	4 15	7 31	3 41	5 10	0 43	0 19	0 7	3 38	1 11	23 33	0 14	14 50	0 45	9 27	1 51	33 15	10 8	23 24	23 21	19 32		n.a.
W24	13 10	10 44	3 27	7 47	3 39	4 39	0 41	0 1	0 6	3 33	1 11	23 33	0 14	14 49	0 45	9 28	1 51	33 15	10 8	23 24	23 20	19 34		n.a.
T 25	12 50	15 54	2 27	8 6	3 35	4 7	0 38	0n16	0 5	3 27	1 11	23 33	0 14	14 48	0 45	9 29	1 51	33 15	10 8	23 24	23 20	19 37		n.a.
F 26	12 29	20 12	1 17	8 27	3 29	3 36	0 36	0 34	0 5	3 22	1 11	23 33	0 14	14 46	0 45	9 29	1 51	33 15	10 8	23 24	23 20	19 39		n.a.
S 27	12 9	23 19	0 2	8 51	3 21	3 4	0 34	0 51	0 4	3 16	1 11	23 33	0 14	14 45	0 45	9 30	1 51	33 15	10 8	23 24	23 19	19 41		n.a.
S 28	11s48	24s59	1s12	9s16	3n12	2s32	0s31	1n 8	0s 3	3s11	1s11	23s34	0n13	14s44	0s45	9n31	1n51	33n15	10n 8	23n24	23n19	19n43		n.a.

Julian Day Number = 1351090.5, Delta T = 07h07m15s
Ecliptic obliquity = 23°48'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'23, Lahiri = -17°57'22 Julian Calendar 1 Feb. 1014 BCE == Greg. Calendar 22 Jan. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

MARCH 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 54 11	0♓33'51	17♉20	27°R27	26♓ 7	3♈38	25♓ 1	27♐13	23♒ 9	10°R20	12°R57	19°R31	18♊34	3♊ 4	n.a.	M 1
T 2	9 58 7	1°32'41	1♒21	26♒40	27°20	4°19	25°14	27°17	23°12	10♍18	12♋56	19♊25	18°31	3°11	n.a.	T 2
W 3	10 2 4	2°31'29	15°15	25°54	28°33	5° 0	25°28	27°21	23°16	10°17	12°56	19°17	18°27	3°18	n.a.	W 3
T 4	10 6 0	3°30'16	28°57	25°11	29°46	5°41	25°42	27°26	23°19	10°15	12°55	19° 6	18°24	3°24	n.a.	T 4
F 5	10 9 57	4°29'00	12♓25	24°31	0♈59	6°23	25°55	27°30	23°22	10°13	12°54	18°54	18°21	3°31	n.a.	F 5
S 6	10 13 53	5°27'42	25°35	23°54	2°12	7° 4	26° 9	27°34	23°26	10°12	12°53	18°42	18°18	3°38	n.a.	S 6
S 7	10 17 50	6°26'22	8♈27	23°22	3°25	7°45	26°23	27°38	23°29	10°10	12°52	18°31	18°15	3°44	n.a.	S 7
M 8	10 21 46	7°25'00	21° 0	22°54	4°38	8°26	26°37	27°42	23°32	10° 8	12°51	18°21	18°11	3°51	n.a.	M 8
T 9	10 25 43	8°23'35	3♉16	22°31	5°51	9° 7	26°50	27°46	23°36	10° 7	12°51	18°14	18° 8	3°58	n.a.	T 9
W10	10 29 39	9°22'08	15°18	22°14	7° 3	9°48	27° 4	27°49	23°39	10° 5	12°50	18°10	18° 5	4° 4	n.a.	W10
T 11	10 33 36	10°20'39	27°11	22° 1	8°16	10°29	27°18	27°53	23°42	10° 3	12°49	18° 7	18° 2	4°11	n.a.	T 11
F 12	10 37 33	11°19'08	8♊59	21°54	9°29	11°10	27°32	27°57	23°46	10° 2	12°49	18°D 7	17°59	4°18	n.a.	F 12
S 13	10 41 29	12°17'34	20°49	21°D51	10°41	11°51	27°46	28° 0	23°49	10° 0	12°48	18°R 7	17°56	4°24	n.a.	S 13
S 14	10 45 26	13°15'58	2♋45	21°54	11°54	12°32	28° 0	28° 4	23°52	9°59	12°47	18° 6	17°52	4°31	n.a.	S 14
M15	10 49 22	14°14'20	14°52	22° 2	13° 6	13°12	28°14	28° 7	23°55	9°57	12°47	18° 4	17°49	4°37	n.a.	M15
T 16	10 53 19	15°12'40	27°17	22°15	14°19	13°53	28°28	28°10	23°59	9°55	12°46	18° 0	17°46	4°44	n.a.	T 16
W17	10 57 15	16°10'58	10♌ 1	22°33	15°31	14°34	28°42	28°13	24° 2	9°54	12°46	17°53	17°43	4°51	n.a.	W17
T 18	11 1 12	17° 9'13	23° 6	22°55	16°44	15°15	28°56	28°16	24° 5	9°52	12°45	17°43	17°40	4°57	n.a.	T 18
F 19	11 5 8	18° 7'26	6♍35	23°22	17°56	15°55	29°10	28°19	24° 8	9°50	12°45	17°32	17°37	5° 4	n.a.	F 19
S 20	11 9 5	19° 5'38	20°23	23°52	19° 8	16°36	29°24	28°22	24°11	9°49	12°44	17°20	17°33	5°11	n.a.	S 20
S 21	11 13 2	20° 3'47	4♎27	24°27	20°20	17°16	29°38	28°25	24°15	9°47	12°44	17° 8	17°30	5°17	n.a.	S 21
M22	11 16 58	21° 1'55	18°43	25° 6	21°32	17°57	29°52	28°28	24°18	9°46	12°44	16°58	17°27	5°24	n.a.	M22
T 23	11 20 55	22° 0'01	3♏ 5	25°49	22°44	18°37	0♈ 6	28°31	24°21	9°44	12°43	16°50	17°24	5°31	n.a.	T 23
W24	11 24 51	22°58'05	17°27	26°35	23°56	19°18	0°20	28°33	24°24	9°42	12°43	16°45	17°21	5°37	n.a.	W24
T 25	11 28 48	23°56'08	1♐45	27°25	25° 8	19°58	0°34	28°36	24°27	9°41	12°43	16°43	17°17	5°44	n.a.	T 25
F 26	11 32 44	24°54'09	15°58	28°18	26°20	20°39	0°48	28°38	24°30	9°39	12°42	16°D43	17°14	5°51	n.a.	F 26
S 27	11 36 41	25°52'09	0♑ 3	29°14	27°32	21°19	1° 3	28°40	24°33	9°38	12°42	16°R43	17°11	5°57	n.a.	S 27
S 28	11 40 37	26°50'08	13°59	0♓13	28°44	21°59	1°17	28°42	24°36	9°36	12°42	16°42	17° 8	6° 4	n.a.	S 28
M29	11 44 34	27°48'05	27°47	1°15	29°55	22°40	1°31	28°45	24°39	9°35	12°42	16°39	17° 5	6°11	n.a.	M29
T 30	11 48 31	28°46'01	11♒26	2°20	1♉ 7	23°20	1°45	28°46	24°42	9°33	12°42	16°34	17° 2	6°17	n.a.	T 30
W31	11 52 27	29♓43'55	24♒55	3♓28	2♉19	24♈ 0	1♈59	28♐48	24♒45	9♍32	12♋41	16♊26	16♊58	6♊24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	11s27	25s 1	2s22	9s42	3n 2	2s 0	0s29	1n26	0s 2	3s 5	1s11	23s34	0n13	14s43	0s45	9n31	1n51	33n15	10n 7	23n24	23n19	19n45			n.a.
T 2	11 6	23 28	3 22	10 9	2 50	1 28	0 26	1 43	0 2	3 0	1 10	23 34	0 13	14 42	0 45	9 32	1 51	33 15	10 7	23 23	23 19	19 47			n.a.
W 3	10 44	20 30	4 10	10 37	2 37	0 57	0 23	2 0	0 1	2 54	1 10	23 34	0 13	14 41	0 45	9 32	1 51	33 15	10 7	23 23	23 18	19 49			n.a.
T 4	10 23	16 26	4 43	11 5	2 24	0 25	0 21	2 17	0 0	2 49	1 10	23 34	0 13	14 40	0 45	9 33	1 51	33 14	10 7	23 22	23 18	19 51			n.a.
F 5	10 1	11 36	4 59	11 32	2 9	0n 7	0 18	2 34	0n 0	2 43	1 10	23 34	0 13	14 39	0 45	9 34	1 51	33 14	10 7	23 21	23 18	19 54			n.a.
S 6	9 39	6 20	4 59	11 58	1 54	0 39	0 15	2 52	0 1	2 37	1 10	23 35	0 13	14 37	0 45	9 34	1 51	33 14	10 7	23 20	23 18	19 56			n.a.
S 7	9 17	0 56	4 43	12 24	1 39	1 11	0 13	3 9	0 2	2 32	1 10	23 35	0 13	14 36	0 45	9 35	1 51	33 14	10 6	23 19	23 17	19 58			n.a.
M 8	8 55	4n24	4 14	12 48	1 23	1 43	0 10	3 26	0 2	2 26	1 10	23 35	0 13	14 35	0 45	9 36	1 51	33 14	10 6	23 18	23 17	20 0			n.a.
T 9	8 33	9 27	3 34	13 10	1 7	2 15	0 7	3 43	0 3	2 20	1 10	23 35	0 13	14 34	0 45	9 36	1 51	33 14	10 6	23 17	23 17	20 2			n.a.
W10	8 11	14 4	2 45	13 31	0 51	2 47	0 4	4 0	0 3	2 15	1 10	23 35	0 13	14 33	0 45	9 37	1 51	33 14	10 6	23 17	23 16	20 4			n.a.
T 11	7 48	18 5	1 49	13 50	0 36	3 19	0 1	4 17	0 4	2 9	1 9	23 35	0 13	14 32	0 45	9 38	1 51	33 14	10 6	23 17	23 16	20 6			n.a.
F 12	7 26	21 21	0 48	14 6	0 20	3 50	0n 2	4 33	0 5	2 3	1 9	23 35	0 13	14 31	0 45	9 38	1 51	33 14	10 6	23 17	23 16	20 8			n.a.
S 13	7 3	23 44	0n14	14 21	0 6	4 22	0 5	4 50	0 5	1 58	1 9	23 35	0 13	14 30	0 45	9 39	1 51	33 14	10 5	23 17	23 16	20 10			n.a.
S 14	6 41	25 4	1 17	14 34	0s 9	4 53	0 7	5 7	0 6	1 52	1 9	23 36	0 13	14 29	0 45	9 40	1 51	33 14	10 5	23 16	23 15	20 12			n.a.
M15	6 18	25 14	2 17	14 45	0 23	5 25	0 10	5 24	0 7	1 46	1 9	23 36	0 13	14 28	0 45	9 40	1 51	33 13	10 5	23 16	23 15	20 14			n.a.
T 16	5 55	24 10	3 11	14 53	0 36	5 56	0 13	5 40	0 7	1 40	1 9	23 36	0 13	14 26	0 45	9 41	1 51	33 13	10 5	23 16	23 15	20 17			n.a.
W17	5 32	21 50	3 58	14 59	0 49	6 27	0 16	5 57	0 8	1 35	1 9	23 36	0 12	14 25	0 45	9 41	1 51	33 13	10 5	23 15	23 14	20 19			n.a.
T 18	5 9	18 19	4 34	15 3	1 1	6 58	0 19	6 14	0 9	1 29	1 9	23 36	0 12	14 24	0 45	9 42	1 51	33 13	10 5	23 14	23 14	20 21			n.a.
F 19	4 46	13 47	4 55	15 5	1 13	7 29	0 22	6 30	0 9	1 23	1 9	23 36	0 12	14 23	0 45	9 43	1 51	33 13	10 4	23 13	23 14	20 23			n.a.
S 20	4 23	8 27	5 0	15 5	1 24	8 0	0 25	6 46	0 10	1 17	1 9	23 36	0 12	14 22	0 45	9 43	1 51	33 13	10 4	23 12	23 13	20 25			n.a.
S 21	4 0	2 35	4 47	15 3	1 34	8 30	0 28	7 3	0 10	1 12	1 9	23 36	0 12	14 21	0 45	9 44	1 51	33 13	10 4	23 11	23 13	20 27			n.a.
M22	3 37	3s30	4 16	14 59	1 43	9 0	0 31	7 19	0 11	1 6	1 9	23 36	0 12	14 20	0 45	9 45	1 51	33 12	10 4	23 10	23 13	20 29			n.a.
T 23	3 13	9 28	3 29	14 52	1 52	9 30	0 34	7 35	0 12	1 0	1 8	23 36	0 12	14 19	0 45	9 45	1 51	33 12	10 4	23 9	23 13	20 31			n.a.
W24	2 50	14 56	2 28	14 44	2 0	10 0	0 37	7 51	0 12	0 54	1 8	23 37	0 12	14 18	0 45	9 46	1 51	33 12	10 3	23 9	23 12	20 33			n.a.
T 25	2 27	19 34	1 18	14 33	2 8	10 30	0 40	8 8	0 13	0 49	1 8	23 37	0 12	14 17	0 45	9 46	1 51	33 12	10 3	23 9	23 12	20 35			n.a.
F 26	2 3	23 0	0 4	14 21	2 14	10 59	0 43	8 24	0 13	0 43	1 8	23 37	0 12	14 16	0 45	9 47	1 51	33 12	10 3	23 8	23 12	20 37			n.a.
S 27	1 40	24 59	1s10	14 7	2 21	11 28	0 46	8 40	0 14	0 37	1 8	23 37	0 12	14 15	0 45	9 48	1 51	33 12	10 3	23 8	23 11	20 39			n.a.
S 28	1 17	25 22	2 19	13 51	2 26	11 57	0 49	8 55	0 15	0 31	1 8	23 37	0 12	14 14	0 45	9 48	1 51	33 11	10 3	23 8	23 11	20 41			n.a.
M29	0 53	24 11	3 19	13 32	2 31	12 26	0 52	9 11	0 15	0 26	1 8	23 37	0 12	14 13	0 45	9 49	1 51	33 11	10 2	23 8	23 11	20 43			n.a.
T 30	0 30	21 34	4 7	13 13	2 35	12 54	0 55	9 27	0 16	0 20	1 8	23 37	0 12	14 12	0 45	9 49	1 51	33 11	10 2	23 8	23 10	20 45			n.a.
W31	0s 7	17s49	4s41	12s51	2s38	13n22	0n58	9n43	0n16	0s14	1s 8	23s37	0n12	14s11	0s45	9n50	1n51	33n11	10n 2	23n 7	23n10	20n47			n.a.

Julian Day Number = 1351118.5, Delta T = 07h07m13s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'19, Lahiri = -17°57'19 Julian Calendar 1 March 1014 BCE == Greg. Calendar 19 Feb. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

APRIL 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 56 24	0♈41'47	8♓13	4♓38	3♉30	24♈41	2♈13	28♐50	24♒48	9°R30	12°R41	16°R15	16♊55	6♊30	n.a.	T 1
F 2	12 0 20	1°39'39	21°18	5°51	4°41	25°21	2°28	28°52	24°51	9♍28	12♋41	16♊ 3	16°52	6°37	n.a.	F 2
S 3	12 4 17	2°37'28	4♈10	7° 6	5°53	26° 1	2°42	28°54	24°54	9°27	12°41	15°51	16°49	6°44	n.a.	S 3
S 4	12 8 13	3°35'16	16°47	8°24	7° 4	26°41	2°56	28°55	24°57	9°26	12°D41	15°39	16°46	6°50	n.a.	S 4
M 5	12 12 10	4°33'02	29°10	9°44	8°15	27°21	3°10	28°56	24°59	9°24	12°41	15°30	16°42	6°57	n.a.	M 5
T 6	12 16 6	5°30'47	11♉20	11° 7	9°26	28° 1	3°24	28°58	25° 2	9°23	12°41	15°22	16°39	7° 4	n.a.	T 6
W 7	12 20 3	6°28'30	23°18	12°32	10°38	28°41	3°38	28°59	25° 5	9°21	12°41	15°18	16°36	7°10	n.a.	W 7
T 8	12 23 59	7°26'11	5♊ 9	13°59	11°49	29°21	3°52	29° 0	25° 8	9°20	12°41	15°16	16°33	7°17	n.a.	T 8
F 9	12 27 56	8°23'51	16°57	15°28	13° 0	0♉ 1	4° 7	29° 1	25°10	9°18	12°41	15°D15	16°30	7°24	n.a.	F 9
S 10	12 31 53	9°21'29	28°46	17° 0	14°10	0°41	4°21	29° 2	25°13	9°17	12°42	15°15	16°27	7°30	n.a.	S 10
S 11	12 35 49	10°19'05	10♋41	18°33	15°21	1°21	4°35	29° 3	25°16	9°16	12°42	15°R16	16°23	7°37	n.a.	S 11
M12	12 39 46	11°16'40	22°49	20° 9	16°32	2° 1	4°49	29° 4	25°18	9°14	12°42	15°15	16°20	7°44	n.a.	M12
T 13	12 43 42	12°14'13	5♌14	21°47	17°43	2°41	5° 3	29° 4	25°21	9°13	12°42	15°13	16°17	7°50	n.a.	T 13
W14	12 47 39	13°11'45	18° 0	23°28	18°53	3°20	5°17	29° 5	25°24	9°12	12°42	15° 8	16°14	7°57	n.a.	W14
T 15	12 51 35	14° 9'15	1♍11	25°10	20° 4	4° 0	5°31	29° 5	25°26	9°10	12°43	15° 1	16°11	8° 4	n.a.	T 15
F 16	12 55 32	15° 6'43	14°49	26°55	21°14	4°40	5°45	29° 6	25°29	9° 9	12°43	14°53	16° 8	8°10	n.a.	F 16
S 17	12 59 28	16° 4'10	28°51	28°41	22°24	5°20	5°59	29° 6	25°31	9° 8	12°43	14°43	16° 4	8°17	n.a.	S 17
S 18	13 3 25	17° 1'36	13♎14	0♈30	23°34	5°59	6°13	29° 6	25°33	9° 7	12°44	14°34	16° 1	8°23	n.a.	S 18
M19	13 7 22	17°59'00	27°52	2°21	24°44	6°39	6°27	29°R 6	25°36	9° 6	12°44	14°27	15°58	8°30	n.a.	M19
T 20	13 11 18	18°56'24	12♏38	4°15	25°54	7°18	6°41	29° 6	25°38	9° 4	12°45	14°21	15°55	8°37	n.a.	T 20
W21	13 15 15	19°53'46	27°24	6°10	27° 4	7°58	6°55	29° 6	25°40	9° 3	12°45	14°18	15°52	8°43	n.a.	W21
T 22	13 19 11	20°51'08	12♐ 3	8° 7	28°14	8°38	7° 9	29° 6	25°43	9° 2	12°46	14°D17	15°48	8°50	n.a.	T 22
F 23	13 23 8	21°48'29	26°31	10° 7	29°24	9°17	7°23	29° 5	25°45	9° 1	12°46	14°17	15°45	8°57	n.a.	F 23
S 24	13 27 4	22°45'49	10♑44	12° 8	0♊34	9°57	7°37	29° 5	25°47	9° 0	12°47	14°18	15°42	9° 3	n.a.	S 24
S 25	13 31 1	23°43'08	24°42	14°11	1°43	10°36	7°51	29° 5	25°49	8°59	12°47	14°R19	15°39	9°10	n.a.	S 25
M26	13 34 57	24°40'27	8♒23	16°16	2°53	11°16	8° 4	29° 4	25°51	8°58	12°48	14°18	15°36	9°17	n.a.	M26
T 27	13 38 54	25°37'45	21°49	18°22	4° 2	11°55	8°18	29° 3	25°54	8°57	12°48	14°15	15°33	9°23	n.a.	T 27
W28	13 42 51	26°35'03	5♓ 1	20°30	5°11	12°34	8°32	29° 2	25°56	8°56	12°49	14°10	15°29	9°30	n.a.	W28
T 29	13 46 47	27°32'19	17°58	22°39	6°21	13°14	8°46	29° 1	25°58	8°55	12°50	14° 3	15°26	9°37	n.a.	T 29
F 30	13 50 44	28♈29'35	0♈43	24♈49	7♊30	13♉53	8♈59	29♐ 0	26♒ 0	8♍54	12♋50	13♊56	15♊23	9♊43	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n17	13s13	4s58	12s27	2s41	13n50	1n 1	9n58	0n17	0s 8	1s 8	23s37	0n12	14s10	0s45	9n50	1n51	33n11	10n 2	23n 6	23n10	20n49		n.a.
F 2	0 40	8 5	5 0	12 2	2 43	14 17	1 4	10 14	0 18	0 3	1 8	23 37	0 11	14 9	0 45	9 51	1 51	33 10	10 1	23 4	23 9	20 51		n.a.
S 3	1 4	2 41	4 46	11 35	2 45	14 44	1 7	10 29	0 18	0n 3	1 8	23 37	0 11	14 8	0 45	9 52	1 51	33 10	10 1	23 3	23 9	20 53		n.a.
S 4	1 27	2n44	4 19	11 6	2 46	15 11	1 9	10 44	0 19	0 9	1 8	23 37	0 11	14 7	0 45	9 52	1 51	33 10	10 1	23 2	23 9	20 55		n.a.
M 5	1 50	7 56	3 39	10 35	2 46	15 37	1 12	10 59	0 19	0 15	1 8	23 38	0 11	14 6	0 45	9 53	1 51	33 10	10 1	23 1	23 8	20 57		n.a.
T 6	2 13	12 46	2 50	10 3	2 45	16 3	1 15	11 15	0 20	0 20	1 8	23 38	0 11	14 5	0 45	9 53	1 51	33 10	10 1	23 0	23 8	20 59		n.a.
W 7	2 37	17 3	1 54	9 29	2 44	16 28	1 18	11 30	0 20	0 26	1 8	23 38	0 11	14 4	0 45	9 54	1 51	33 9	10 0	22 59	23 8	21 1		n.a.
T 8	3 0	20 37	0 54	8 54	2 43	16 53	1 20	11 45	0 21	0 32	1 8	23 38	0 11	14 3	0 45	9 54	1 51	33 9	10 0	22 59	23 7	21 3		n.a.
F 9	3 23	23 19	0n 9	8 17	2 41	17 18	1 23	11 59	0 22	0 38	1 8	23 38	0 11	14 3	0 45	9 55	1 51	33 9	10 0	22 59	23 7	21 5		n.a.
S 10	3 46	25 0	1 12	7 38	2 38	17 42	1 26	12 14	0 22	0 43	1 8	23 38	0 11	14 2	0 45	9 55	1 51	33 9	10 0	22 59	23 7	21 7		n.a.
S 11	4 9	25 34	2 12	6 58	2 35	18 6	1 28	12 29	0 23	0 49	1 8	23 38	0 11	14 1	0 45	9 56	1 51	33 8	10 0	22 59	23 7	21 9		n.a.
M12	4 32	24 55	3 7	6 16	2 31	18 30	1 31	12 43	0 23	0 55	1 7	23 38	0 11	14 0	0 45	9 56	1 51	33 8	9 59	22 59	23 6	21 11		n.a.
T 13	4 55	23 2	3 54	5 32	2 26	18 52	1 34	12 58	0 24	1 0	1 7	23 38	0 11	13 59	0 45	9 57	1 51	33 8	9 59	22 59	23 6	21 13		n.a.
W14	5 17	19 58	4 32	4 47	2 21	19 15	1 36	13 12	0 24	1 6	1 7	23 38	0 11	13 58	0 45	9 57	1 51	33 8	9 59	22 58	23 6	21 15		n.a.
T 15	5 40	15 49	4 56	4 1	2 15	19 37	1 39	13 26	0 25	1 12	1 7	23 38	0 11	13 57	0 45	9 58	1 51	33 8	9 59	22 58	23 5	21 17		n.a.
F 16	6 3	10 45	5 5	3 13	2 9	19 58	1 41	13 40	0 25	1 17	1 7	23 38	0 11	13 57	0 46	9 58	1 51	33 7	9 58	22 57	23 5	21 19		n.a.
S 17	6 25	4 59	4 56	2 24	2 2	20 19	1 43	13 54	0 26	1 23	1 7	23 38	0 10	13 56	0 46	9 59	1 51	33 7	9 58	22 56	23 5	21 21		n.a.
S 18	6 47	1s12	4 28	1 33	1 55	20 40	1 46	14 8	0 26	1 29	1 7	23 38	0 10	13 55	0 46	9 59	1 51	33 7	9 58	22 55	23 4	21 23		n.a.
M19	7 10	7 25	3 42	0 41	1 47	21 0	1 48	14 22	0 27	1 34	1 7	23 39	0 10	13 54	0 46	9 59	1 51	33 6	9 58	22 54	23 4	21 24		n.a.
T 20	7 32	13 19	2 41	0n12	1 39	21 19	1 50	14 36	0 27	1 40	1 7	23 39	0 10	13 53	0 46	10 0	1 51	33 6	9 58	22 53	23 4	21 26		n.a.
W21	7 54	18 26	1 29	1 6	1 31	21 38	1 52	14 49	0 28	1 46	1 7	23 39	0 10	13 53	0 46	10 0	1 51	33 6	9 57	22 53	23 3	21 28		n.a.
T 22	8 16	22 24	0 12	2 1	1 22	21 56	1 54	15 3	0 28	1 51	1 7	23 39	0 10	13 52	0 46	10 1	1 51	33 6	9 57	22 52	23 3	21 30		n.a.
F 23	8 38	24 52	1s 5	2 58	1 12	22 14	1 56	15 16	0 29	1 57	1 7	23 39	0 10	13 51	0 46	10 1	1 50	33 5	9 57	22 52	23 2	21 32		n.a.
S 24	8 59	25 40	2 18	3 55	1 3	22 31	1 58	15 29	0 29	2 2	1 7	23 39	0 10	13 50	0 46	10 1	1 50	33 5	9 57	22 53	23 2	21 34		n.a.
S 25	9 21	24 48	3 20	4 52	0 53	22 47	2 0	15 43	0 30	2 8	1 7	23 39	0 10	13 50	0 46	10 2	1 50	33 5	9 57	22 53	23 2	21 36		n.a.
M26	9 42	22 28	4 10	5 51	0 42	23 3	2 2	15 56	0 30	2 13	1 7	23 39	0 10	13 49	0 46	10 2	1 50	33 5	9 56	22 53	23 1	21 38		n.a.
T 27	10 4	18 56	4 45	6 49	0 32	23 18	2 3	16 8	0 31	2 19	1 7	23 39	0 10	13 48	0 46	10 2	1 50	33 4	9 56	22 52	23 1	21 40		n.a.
W28	10 25	14 31	5 4	7 48	0 21	23 33	2 5	16 21	0 31	2 24	1 7	23 39	0 10	13 48	0 46	10 3	1 50	33 4	9 56	22 52	23 1	21 42		n.a.
T 29	10 46	9 31	5 7	8 47	0 11	23 47	2 7	16 34	0 32	2 30	1 7	23 39	0 10	13 47	0 46	10 3	1 50	33 4	9 56	22 51	23 0	21 43		n.a.
F 30	11n 6	4s12	4s55	9n46	0s 0	24n 1	2n 8	16n46	0n32	2n35	1s 7	23s39	0n10	13s46	0s46	10n 3	1n50	33n 4	9n56	22n50	23n 0	21n45		n.a.

Julian Day Number = 1351149.5, Delta T = 07h07m12s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'15, Lahiri = -17°57'14 Julian Calendar 1 Apr. 1014 BCE == Greg. Calendar 22 March 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

MAY 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 54 40	29♈26'50	13♈16	27♈ 0	8♊39	14♉32	9♈13	28°R59	26♒ 2	8°R53	12♋51	13°R48	15♊20	9♊50	n.a.	S 1
S 2	13 58 37	0♉24'05	25°36	29°12	9°48	15°12	9°27	28♐58	26° 3	8♍52	12°52	13♊40	15°17	9°57	n.a.	S 2
M 3	14 2 33	1°21'19	7♉46	1♉23	10°56	15°51	9°40	28°57	26° 5	8°51	12°53	13°34	15°13	10° 3	n.a.	M 3
T 4	14 6 30	2°18'32	19°47	3°35	12° 5	16°30	9°54	28°56	26° 7	8°50	12°54	13°30	15°10	10°10	n.a.	T 4
W 5	14 10 26	3°15'44	1♊40	5°46	13°14	17°10	10° 7	28°54	26° 9	8°50	12°54	13°27	15° 7	10°16	n.a.	W 5
T 6	14 14 23	4°12'56	13°28	7°57	14°22	17°49	10°21	28°52	26°11	8°49	12°55	13°D26	15° 4	10°23	n.a.	T 6
F 7	14 18 20	5°10'07	25°14	10° 7	15°30	18°28	10°34	28°51	26°12	8°48	12°56	13°27	15° 1	10°30	n.a.	F 7
S 8	14 22 16	6° 7'17	7♋ 3	12°16	16°39	19° 7	10°48	28°49	26°14	8°47	12°57	13°28	14°58	10°36	n.a.	S 8
S 9	14 26 13	7° 4'27	18°58	14°24	17°47	19°46	11° 1	28°47	26°16	8°47	12°58	13°30	14°54	10°43	n.a.	S 9
M10	14 30 9	8° 1'35	1♌ 6	16°30	18°55	20°25	11°14	28°45	26°17	8°46	12°59	13°31	14°51	10°50	n.a.	M10
T 11	14 34 6	8°58'43	13°29	18°35	20° 2	21° 4	11°28	28°43	26°19	8°45	13° 0	13°R31	14°48	10°56	n.a.	T 11
W12	14 38 2	9°55'50	26°14	20°38	21°10	21°43	11°41	28°41	26°20	8°45	13° 1	13°30	14°45	11° 3	n.a.	W12
T 13	14 41 59	10°52'56	9♍23	22°39	22°18	22°23	11°54	28°39	26°22	8°44	13° 2	13°27	14°42	11°10	n.a.	T 13
F 14	14 45 56	11°50'02	23° 0	24°38	23°25	23° 2	12° 7	28°37	26°23	8°44	13° 3	13°24	14°39	11°16	n.a.	F 14
S 15	14 49 52	12°47'07	7♎ 4	26°35	24°32	23°41	12°20	28°34	26°24	8°43	13° 4	13°20	14°35	11°23	n.a.	S 15
S 16	14 53 49	13°44'12	21°33	28°30	25°39	24°19	12°33	28°32	26°26	8°43	13° 5	13°15	14°32	11°30	n.a.	S 16
M17	14 57 45	14°41'16	6♏22	0♊23	26°46	24°58	12°46	28°29	26°27	8°42	13° 6	13°12	14°29	11°36	n.a.	M17
T 18	15 1 42	15°38'20	21°23	2°14	27°53	25°37	12°59	28°27	26°28	8°42	13° 8	13° 9	14°26	11°43	n.a.	T 18
W19	15 5 38	16°35'23	6♐28	4° 3	29° 0	26°16	13°12	28°24	26°29	8°41	13° 9	13°D 8	14°23	11°50	n.a.	W19
T 20	15 9 35	17°32'27	21°28	5°49	0♋ 6	26°55	13°25	28°21	26°30	8°41	13°10	13° 8	14°19	11°56	n.a.	T 20
F 21	15 13 31	18°29'31	6♑15	7°33	1°13	27°34	13°38	28°19	26°31	8°41	13°11	13° 9	14°16	12° 3	n.a.	F 21
S 22	15 17 28	19°26'35	20°44	9°15	2°19	28°13	13°51	28°16	26°33	8°40	13°13	13°10	14°13	12° 9	n.a.	S 22
S 23	15 21 25	20°23'39	4♒51	10°55	3°25	28°52	14° 3	28°13	26°33	8°40	13°14	13°12	14°10	12°16	n.a.	S 23
M24	15 25 21	21°20'44	18°36	12°32	4°31	29°31	14°16	28°10	26°34	8°40	13°15	13°R12	14° 7	12°23	n.a.	M24
T 25	15 29 18	22°17'48	1♓59	14° 7	5°36	0♊ 9	14°28	28° 7	26°35	8°40	13°16	13°12	14° 4	12°29	n.a.	T 25
W26	15 33 14	23°14'53	15° 2	15°40	6°42	0°48	14°41	28° 3	26°36	8°39	13°18	13°11	14° 0	12°36	n.a.	W26
T 27	15 37 11	24°11'58	27°47	17°11	7°47	1°27	14°53	28° 0	26°37	8°39	13°19	13° 9	13°57	12°43	n.a.	T 27
F 28	15 41 7	25° 9'04	10♈18	18°40	8°52	2° 6	15° 6	27°57	26°38	8°39	13°20	13° 6	13°54	12°49	n.a.	F 28
S 29	15 45 4	26° 6'09	22°35	20° 6	9°57	2°44	15°18	27°53	26°38	8°39	13°22	13° 4	13°51	12°56	n.a.	S 29
S 30	15 49 0	27° 3'15	4♉42	21°29	11° 2	3°23	15°30	27°50	26°39	8°39	13°23	13° 1	13°48	13° 3	n.a.	S 30
M31	15 52 57	28♉ 0'22	16♉40	22♊51	12♋ 6	4♊ 2	15♈42	27♐46	26♒40	8°D39	13♋25	12♊59	13♊45	13♊ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n27	1n12	4s29	10n44	0n11	24n13	2n10	16n59	0n33	2n41	1s 7	23s39	0n 9	13s46	0s46	10n 4	1n50	33n 3	9n55	22n49	23n 0	21n47		n.a.
S 2	11 47	6 29	3 50	11 41	0 21	24 26	2 11	17 11	0 33	2 46	1 7	23 39	0 9	13 45	0 46	10 4	1 50	33 3	9 55	22 48	22 59	21 49		n.a.
M 3	12 8	11 28	3 1	12 38	0 31	24 37	2 12	17 23	0 34	2 52	1 7	23 39	0 9	13 44	0 46	10 4	1 50	33 3	9 55	22 47	22 59	21 51		n.a.
T 4	12 28	15 57	2 5	13 33	0 41	24 48	2 13	17 35	0 34	2 57	1 7	23 40	0 9	13 44	0 46	10 5	1 50	33 2	9 55	22 47	22 59	21 53		n.a.
W 5	12 48	19 47	1 4	14 27	0 51	24 58	2 14	17 47	0 35	3 2	1 7	23 40	0 9	13 43	0 46	10 5	1 50	33 2	9 55	22 46	22 58	21 55		n.a.
T 6	13 7	22 47	0n 0	15 19	1 0	25 8	2 15	17 58	0 35	3 8	1 7	23 40	0 9	13 43	0 46	10 5	1 50	33 2	9 54	22 46	22 58	21 56		n.a.
F 7	13 27	24 48	1 4	16 10	1 9	25 16	2 16	18 10	0 36	3 13	1 7	23 40	0 9	13 42	0 46	10 5	1 50	33 2	9 54	22 46	22 58	21 58		n.a.
S 8	13 46	25 43	2 5	16 59	1 17	25 25	2 17	18 21	0 36	3 18	1 7	23 40	0 9	13 42	0 46	10 6	1 50	33 1	9 54	22 47	22 57	22 0		n.a.
S 9	14 5	25 27	3 2	17 45	1 24	25 32	2 18	18 33	0 37	3 24	1 7	23 40	0 9	13 41	0 46	10 6	1 50	33 1	9 54	22 47	22 57	22 2		n.a.
M10	14 24	23 59	3 51	18 30	1 32	25 39	2 19	18 44	0 37	3 29	1 7	23 40	0 9	13 41	0 46	10 6	1 50	33 1	9 54	22 47	22 56	22 4		n.a.
T 11	14 43	21 21	4 31	19 12	1 38	25 45	2 19	18 55	0 38	3 34	1 8	23 40	0 9	13 40	0 46	10 6	1 50	33 0	9 53	22 47	22 56	22 6		n.a.
W12	15 1	17 39	4 59	19 51	1 44	25 50	2 20	19 6	0 38	3 39	1 8	23 40	0 9	13 40	0 46	10 6	1 50	33 0	9 53	22 47	22 56	22 7		n.a.
T 13	15 20	12 59	5 12	20 28	1 49	25 55	2 20	19 16	0 39	3 45	1 8	23 40	0 9	13 39	0 46	10 7	1 50	33 0	9 53	22 46	22 55	22 9		n.a.
F 14	15 37	7 32	5 9	21 3	1 53	25 59	2 20	19 27	0 39	3 50	1 8	23 40	0 8	13 39	0 46	10 7	1 50	33 0	9 53	22 46	22 55	22 11		n.a.
S 15	15 55	1 32	4 47	21 35	1 57	26 2	2 20	19 37	0 39	3 55	1 8	23 40	0 8	13 38	0 46	10 7	1 50	32 59	9 53	22 45	22 55	22 13		n.a.
S 16	16 13	4s44	4 6	22 5	2 0	26 5	2 20	19 48	0 40	4 0	1 8	23 40	0 8	13 38	0 47	10 7	1 49	32 59	9 53	22 45	22 54	22 15		n.a.
M17	16 30	10 54	3 8	22 32	2 2	26 7	2 20	19 58	0 40	4 5	1 8	23 40	0 8	13 37	0 47	10 7	1 49	32 59	9 52	22 44	22 54	22 16		n.a.
T 18	16 47	16 31	1 57	22 57	2 4	26 8	2 20	20 8	0 41	4 10	1 8	23 40	0 8	13 37	0 47	10 7	1 49	32 58	9 52	22 44	22 54	22 18		n.a.
W19	17 4	21 8	0 37	23 20	2 5	26 8	2 20	20 17	0 41	4 15	1 8	23 40	0 8	13 37	0 47	10 7	1 49	32 58	9 52	22 44	22 53	22 20		n.a.
T 20	17 20	24 18	0s46	23 40	2 5	26 8	2 19	20 27	0 42	4 20	1 8	23 40	0 8	13 36	0 47	10 8	1 49	32 58	9 52	22 44	22 53	22 22		n.a.
F 21	17 36	25 44	2 4	23 57	2 4	26 7	2 19	20 37	0 42	4 25	1 8	23 40	0 8	13 36	0 47	10 8	1 49	32 58	9 52	22 44	22 52	22 24		n.a.
S 22	17 52	25 22	3 13	24 13	2 3	26 6	2 18	20 46	0 43	4 30	1 8	23 41	0 8	13 36	0 47	10 8	1 49	32 57	9 52	22 44	22 52	22 25		n.a.
S 23	18 8	23 21	4 8	24 26	2 2	26 3	2 17	20 55	0 43	4 35	1 8	23 41	0 8	13 35	0 47	10 8	1 49	32 57	9 51	22 44	22 52	22 27		n.a.
M24	18 23	20 1	4 47	24 37	1 59	26 0	2 16	21 4	0 43	4 40	1 8	23 41	0 8	13 35	0 47	10 8	1 49	32 57	9 51	22 45	22 51	22 29		n.a.
T 25	18 38	15 44	5 9	24 47	1 56	25 57	2 15	21 13	0 44	4 45	1 8	23 41	0 8	13 35	0 47	10 8	1 49	32 56	9 51	22 44	22 51	22 31		n.a.
W26	18 53	10 49	5 15	24 54	1 52	25 53	2 14	21 22	0 44	4 50	1 8	23 41	0 7	13 35	0 47	10 8	1 49	32 56	9 51	22 44	22 50	22 32		n.a.
T 27	19 7	5 33	5 5	24 59	1 48	25 48	2 13	21 30	0 45	4 55	1 8	23 41	0 7	13 34	0 47	10 8	1 49	32 56	9 51	22 44	22 50	22 34		n.a.
F 28	19 21	0 9	4 41	25 2	1 43	25 42	2 11	21 39	0 45	4 59	1 8	23 41	0 7	13 34	0 47	10 8	1 49	32 55	9 51	22 44	22 50	22 36		n.a.
S 29	19 35	5n 9	4 4	25 4	1 38	25 36	2 10	21 47	0 45	5 4	1 8	23 41	0 7	13 34	0 47	10 8	1 49	32 55	9 51	22 43	22 49	22 38		n.a.
S 30	19 48	10 13	3 16	25 4	1 32	25 29	2 8	21 55	0 46	5 9	1 8	23 41	0 7	13 34	0 47	10 8	1 49	32 55	9 50	22 43	22 49	22 39		n.a.
M31	20n 2	14n50	2s20	25n 3	1n26	25n21	2n 6	22n 3	0n46	5n13	1s 8	23s41	0n 7	13s34	0s47	10n 8	1n49	32n55	9n50	22n43	22n49	22n41		n.a.

Julian Day Number = 1351179.5, Delta T = 07h07m10s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'11, Lahiri = -17°57'10 Julian Calendar 1 May 1014 BCE == Greg. Calendar 21 Apr. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

JUNE 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 56 54	28♉57'29	28♉33	24♊10	13♋11	4♊40	15♈54	27°R43	26♒40	8♍39	13♋26	12°R58	13♊41	13♊16	n.a.	T 1
W 2	16 0 50	29°54'36	10♊21	25°26	14°15	5°19	16° 6	27♐39	26°41	8°39	13°28	12°D58	13°38	13°23	n.a.	W 2
T 3	16 4 47	0♊51'43	22° 8	26°40	15°18	5°58	16°18	27°35	26°41	8°39	13°29	12♊58	13°35	13°29	n.a.	T 3
F 4	16 8 43	1°48'50	3♋55	27°52	16°22	6°36	16°30	27°32	26°42	8°39	13°31	12°58	13°32	13°36	n.a.	F 4
S 5	16 12 40	2°45'58	15°47	29° 1	17°26	7°15	16°42	27°28	26°42	8°39	13°32	12°59	13°29	13°42	n.a.	S 5
S 6	16 16 36	3°43'06	27°45	0♌ 7	18°29	7°54	16°53	27°24	26°42	8°40	13°34	13° 0	13°25	13°49	n.a.	S 6
M 7	16 20 33	4°40'14	9♌54	1°10	19°32	8°32	17° 5	27°20	26°42	8°40	13°35	13° 1	13°22	13°56	n.a.	M 7
T 8	16 24 30	5°37'23	22°18	2°10	20°34	9°11	17°17	27°16	26°43	8°40	13°37	13° 2	13°19	14° 2	n.a.	T 8
W 9	16 28 26	6°34'31	5♍ 0	3° 8	21°37	9°49	17°28	27°12	26°43	8°40	13°38	13°R 2	13°16	14° 9	n.a.	W 9
T 10	16 32 23	7°31'40	18° 5	4° 2	22°39	10°28	17°39	27° 8	26°43	8°41	13°40	13° 2	13°13	14°16	n.a.	T 10
F 11	16 36 19	8°28'49	1♎36	4°53	23°41	11° 6	17°51	27° 4	26°43	8°41	13°42	13° 2	13°10	14°22	n.a.	F 11
S 12	16 40 16	9°25'59	15°32	5°41	24°42	11°45	18° 2	27° 0	26°R43	8°41	13°43	13° 1	13° 6	14°29	n.a.	S 12
S 13	16 44 12	10°23'08	29°55	6°25	25°43	12°23	18°13	26°56	26°43	8°42	13°45	13° 1	13° 3	14°36	n.a.	S 13
M14	16 48 9	11°20'19	14♏41	7° 5	26°44	13° 2	18°24	26°52	26°43	8°42	13°47	13° 1	13° 0	14°42	n.a.	M14
T 15	16 52 5	12°17'29	29°43	7°42	27°45	13°40	18°35	26°47	26°43	8°43	13°48	13° 1	12°57	14°49	n.a.	T 15
W16	16 56 2	13°14'41	14♐55	8°14	28°45	14°19	18°46	26°43	26°43	8°43	13°50	13° 1	12°54	14°56	n.a.	W16
T 17	16 59 59	14°11'54	0♑ 6	8°43	29°45	14°57	18°56	26°39	26°42	8°44	13°52	13° 1	12°51	15° 2	n.a.	T 17
F 18	17 3 55	15° 9'07	15° 7	9° 7	0♌45	15°36	19° 7	26°34	26°42	8°44	13°53	13° 0	12°47	15° 9	n.a.	F 18
S 19	17 7 52	16° 6'21	29°50	9°27	1°44	16°14	19°17	26°30	26°42	8°45	13°55	13° 0	12°44	15°16	n.a.	S 19
S 20	17 11 48	17° 3'36	14♒10	9°42	2°43	16°53	19°28	26°26	26°42	8°45	13°57	13° 0	12°41	15°22	n.a.	S 20
M21	17 15 45	18° 0'53	28° 4	9°52	3°41	17°31	19°38	26°21	26°41	8°46	13°59	12°59	12°38	15°29	n.a.	M21
T 22	17 19 41	18°58'10	11♓32	9°57	4°39	18° 9	19°48	26°17	26°41	8°47	14° 0	12°59	12°35	15°35	n.a.	T 22
W23	17 23 38	19°55'29	24°35	9°R58	5°37	18°48	19°58	26°12	26°40	8°47	14° 2	12°D59	12°31	15°42	n.a.	W23
T 24	17 27 35	20°52'49	7♈16	9°53	6°34	19°26	20° 8	26° 8	26°40	8°48	14° 4	12°59	12°28	15°49	n.a.	T 24
F 25	17 31 31	21°50'10	19°39	9°43	7°31	20° 4	20°18	26° 4	26°39	8°49	14° 6	13° 0	12°25	15°55	n.a.	F 25
S 26	17 35 28	22°47'33	1♉48	9°28	8°27	20°43	20°28	25°59	26°38	8°50	14° 8	13° 1	12°22	16° 2	n.a.	S 26
S 27	17 39 24	23°44'57	13°46	9° 8	9°23	21°21	20°38	25°55	26°38	8°51	14°10	13° 2	12°19	16° 9	n.a.	S 27
M28	17 43 21	24°42'22	25°37	8°42	10°19	22° 0	20°47	25°50	26°37	8°51	14°11	13° 3	12°16	16°15	n.a.	M28
T 29	17 47 17	25°39'48	7♊25	8°13	11°13	22°38	20°57	25°46	26°36	8°52	14°13	13°R 3	12°12	16°22	n.a.	T 29
W30	17 51 14	26♊37'16	19♊11	7♋38	12♌ 8	23♊16	21♈ 6	25♐41	26♒35	8♍53	14♋15	13♊ 3	12♊ 9	16♊29	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n14	18n52	1s19	25n 0	1n18	25n13	2n 5	22n10	0n47	5n18	1s 9	23s41	0n 7	13s33	0s47	10n 8	1n49	32n54	9n50	22n43	22n48	22n43		n.a.
W 2	20 27	22 7	0 14	24 55	1 11	25 4	2 3	22 18	0 47	5 23	1 9	23 41	0 7	13 33	0 47	10 8	1 49	32 54	9 50	22 43	22 48	22 44		n.a.
T 3	20 39	24 25	0n51	24 49	1 3	24 55	2 0	22 25	0 47	5 27	1 9	23 41	0 7	13 33	0 47	10 8	1 49	32 54	9 50	22 43	22 47	22 46		n.a.
F 4	20 51	25 39	1 54	24 42	0 54	24 45	1 58	22 32	0 48	5 32	1 9	23 41	0 7	13 33	0 47	10 7	1 48	32 53	9 50	22 43	22 47	22 48		n.a.
S 5	21 2	25 43	2 52	24 34	0 45	24 34	1 56	22 39	0 48	5 36	1 9	23 41	0 7	13 33	0 47	10 7	1 48	32 53	9 50	22 43	22 47	22 50		n.a.
S 6	21 14	24 35	3 44	24 24	0 35	24 23	1 53	22 46	0 49	5 41	1 9	23 41	0 7	13 33	0 47	10 7	1 48	32 53	9 50	22 43	22 46	22 51		n.a.
M 7	21 24	22 19	4 26	24 14	0 25	24 11	1 50	22 53	0 49	5 45	1 9	23 41	0 6	13 33	0 47	10 7	1 48	32 53	9 49	22 43	22 46	22 53		n.a.
T 8	21 35	18 58	4 57	24 3	0 15	23 59	1 47	22 59	0 49	5 50	1 9	23 41	0 6	13 33	0 47	10 7	1 48	32 52	9 49	22 43	22 45	22 55		n.a.
W 9	21 45	14 41	5 15	23 51	0 4	23 46	1 44	23 6	0 50	5 54	1 9	23 41	0 6	13 33	0 47	10 7	1 48	32 52	9 49	22 43	22 45	22 56		n.a.
T 10	21 55	9 37	5 16	23 38	0s 7	23 33	1 41	23 12	0 50	5 58	1 9	23 41	0 6	13 33	0 48	10 7	1 48	32 52	9 49	22 43	22 45	22 58		n.a.
F 11	22 4	3 57	5 1	23 24	0 19	23 19	1 38	23 18	0 51	6 3	1 9	23 41	0 6	13 33	0 48	10 6	1 48	32 52	9 49	22 43	22 44	23 0		n.a.
S 12	22 13	2s 6	4 28	23 10	0 31	23 4	1 35	23 23	0 51	6 7	1 9	23 41	0 6	13 33	0 48	10 6	1 48	32 51	9 49	22 43	22 44	23 1		n.a.
S 13	22 21	8 14	3 37	22 56	0 44	22 49	1 31	23 29	0 51	6 11	1 10	23 41	0 6	13 33	0 48	10 6	1 48	32 51	9 49	22 43	22 43	23 3		n.a.
M14	22 30	14 5	2 31	22 41	0 57	22 34	1 27	23 34	0 52	6 15	1 10	23 41	0 6	13 33	0 48	10 6	1 48	32 51	9 49	22 43	22 43	23 5		n.a.
T 15	22 37	19 13	1 13	22 26	1 10	22 18	1 23	23 40	0 52	6 19	1 10	23 41	0 6	13 33	0 48	10 6	1 48	32 50	9 49	22 43	22 43	23 6		n.a.
W16	22 45	23 7	0s11	22 11	1 23	22 2	1 19	23 45	0 52	6 23	1 10	23 41	0 6	13 33	0 48	10 5	1 48	32 50	9 49	22 43	22 42	23 8		n.a.
T 17	22 52	25 23	1 34	21 55	1 36	21 45	1 15	23 50	0 53	6 27	1 10	23 41	0 6	13 33	0 48	10 5	1 48	32 50	9 49	22 43	22 42	23 9		n.a.
F 18	22 58	25 45	2 49	21 40	1 50	21 27	1 11	23 54	0 53	6 31	1 10	23 41	0 5	13 33	0 48	10 5	1 48	32 50	9 49	22 43	22 41	23 11		n.a.
S 19	23 5	24 17	3 52	21 25	2 4	21 10	1 6	23 59	0 53	6 35	1 10	23 41	0 5	13 33	0 48	10 5	1 48	32 49	9 48	22 43	22 41	23 13		n.a.
S 20	23 11	21 16	4 39	21 10	2 18	20 52	1 2	24 3	0 54	6 39	1 10	23 41	0 5	13 34	0 48	10 4	1 48	32 49	9 48	22 43	22 41	23 14		n.a.
M21	23 16	17 7	5 7	20 55	2 32	20 33	0 57	24 7	0 54	6 43	1 10	23 41	0 5	13 34	0 48	10 4	1 48	32 49	9 48	22 43	22 40	23 16		n.a.
T 22	23 21	12 13	5 18	20 41	2 45	20 14	0 52	24 11	0 55	6 47	1 10	23 41	0 5	13 34	0 48	10 4	1 48	32 49	9 48	22 43	22 40	23 18		n.a.
W23	23 26	6 56	5 11	20 28	2 59	19 55	0 47	24 15	0 55	6 51	1 11	23 41	0 5	13 34	0 48	10 3	1 47	32 48	9 48	22 43	22 39	23 19		n.a.
T 24	23 30	1 30	4 50	20 15	3 12	19 36	0 42	24 18	0 55	6 54	1 11	23 41	0 5	13 34	0 48	10 3	1 47	32 48	9 48	22 43	22 39	23 21		n.a.
F 25	23 34	3n53	4 15	20 3	3 25	19 16	0 36	24 22	0 56	6 58	1 11	23 41	0 5	13 35	0 48	10 3	1 47	32 48	9 48	22 43	22 38	23 22		n.a.
S 26	23 37	9 1	3 30	19 52	3 37	18 56	0 31	24 25	0 56	7 2	1 11	23 41	0 5	13 35	0 48	10 2	1 47	32 48	9 48	22 43	22 38	23 24		n.a.
S 27	23 40	13 45	2 36	19 42	3 48	18 35	0 25	24 28	0 56	7 5	1 11	23 41	0 5	13 35	0 48	10 2	1 47	32 47	9 48	22 43	22 38	23 26		n.a.
M28	23 43	17 56	1 35	19 33	3 59	18 14	0 19	24 31	0 57	7 9	1 11	23 40	0 5	13 36	0 48	10 2	1 47	32 47	9 48	22 43	22 37	23 27		n.a.
T 29	23 45	21 23	0 31	19 25	4 9	17 53	0 13	24 33	0 57	7 12	1 11	23 40	0 4	13 36	0 48	10 1	1 47	32 47	9 48	22 43	22 37	23 29		n.a.
W30	23n46	23n56	0n34	19n19	4s17	17n32	0n 7	24n36	0n57	7n16	1s11	23s40	0n 4	13s36	0s48	10n 1	1n47	32n47	9n48	22n43	22n36	23n30		n.a.

Julian Day Number = 1351210.5, Delta T = 07h07m09s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'07, Lahiri = -17°57'06 Julian Calendar 1 June 1014 BCE == Greg. Calendar 22 May 1014 BCE

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

JULY 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 55 10	27♊34'45	1♋ 0	7°R 0	13♌ 2	23♊54	21♈15	25°R37	26°R34	8♍54	14♋17	13°R 3	12♊ 6	16♊35	n.a.	T 1
F 2	17 59 7	28°32'15	12°52	6♋18	13°55	24°33	21°25	25♐32	26♒34	8°55	14°19	13♊ 1	12° 3	16°42	n.a.	F 2
S 3	18 3 4	29°29'47	24°50	5°34	14°48	25°11	21°33	25°28	26°33	8°56	14°21	12°59	12° 0	16°49	n.a.	S 3
S 4	18 7 0	0♋27'19	6♌57	4°47	15°40	25°49	21°42	25°23	26°32	8°57	14°23	12°56	11°57	16°55	n.a.	S 4
M 5	18 10 57	1°24'53	19°13	3°59	16°32	26°28	21°51	25°19	26°31	8°58	14°24	12°54	11°53	17° 2	n.a.	M 5
T 6	18 14 53	2°22'28	1♍43	3°10	17°23	27° 6	22° 0	25°14	26°29	9° 0	14°26	12°51	11°50	17° 9	n.a.	T 6
W 7	18 18 50	3°20'04	14°28	2°21	18°13	27°44	22° 8	25°10	26°28	9° 1	14°28	12°49	11°47	17°15	n.a.	W 7
T 8	18 22 46	4°17'41	27°31	1°34	19° 2	28°23	22°16	25° 6	26°27	9° 2	14°30	12°48	11°44	17°22	n.a.	T 8
F 9	18 26 43	5°15'19	10♎55	0°49	19°51	29° 1	22°25	25° 1	26°26	9° 3	14°32	12°D48	11°41	17°28	n.a.	F 9
S 10	18 30 39	6°12'58	24°42	0° 8	20°39	29°39	22°33	24°57	26°25	9° 4	14°34	12°49	11°37	17°35	n.a.	S 10
S 11	18 34 36	7°10'39	8♏51	29♊30	21°27	0♋17	22°41	24°53	26°23	9° 5	14°36	12°50	11°34	17°42	n.a.	S 11
M12	18 38 33	8° 8'20	23°23	28°57	22°13	0°55	22°48	24°48	26°22	9° 7	14°38	12°52	11°31	17°48	n.a.	M12
T 13	18 42 29	9° 6'03	8♐13	28°30	22°59	1°34	22°56	24°44	26°21	9° 8	14°40	12°R53	11°28	17°55	n.a.	T 13
W14	18 46 26	10° 3'48	23°15	28° 9	23°44	2°12	23° 4	24°40	26°19	9° 9	14°42	12°52	11°25	18° 2	n.a.	W14
T 15	18 50 22	11° 1'34	8♑23	27°55	24°28	2°50	23°11	24°36	26°18	9°11	14°44	12°51	11°22	18° 8	n.a.	T 15
F 16	18 54 19	11°59'22	23°25	27°D48	25°11	3°28	23°18	24°31	26°16	9°12	14°46	12°48	11°18	18°15	n.a.	F 16
S 17	18 58 15	12°57'11	8♒15	27°48	25°53	4° 7	23°25	24°27	26°15	9°14	14°48	12°44	11°15	18°22	n.a.	S 17
S 18	19 2 12	13°55'02	22°43	27°56	26°34	4°45	23°32	24°23	26°13	9°15	14°49	12°39	11°12	18°28	n.a.	S 18
M19	19 6 9	14°52'54	6♓45	28°12	27°13	5°23	23°39	24°19	26°11	9°16	14°51	12°35	11° 9	18°35	n.a.	M19
T 20	19 10 5	15°50'49	20°20	28°36	27°52	6° 1	23°46	24°15	26°10	9°18	14°53	12°32	11° 6	18°42	n.a.	T 20
W21	19 14 2	16°48'46	3♈27	29° 8	28°30	6°39	23°52	24°11	26° 8	9°19	14°55	12°29	11° 3	18°48	n.a.	W21
T 22	19 17 58	17°46'44	16° 9	29°47	29° 6	7°18	23°58	24° 7	26° 6	9°21	14°57	12°D28	10°59	18°55	n.a.	T 22
F 23	19 21 55	18°44'45	28°31	0♋34	29°42	7°56	24° 5	24° 3	26° 5	9°22	14°59	12°29	10°56	19° 2	n.a.	F 23
S 24	19 25 51	19°42'48	10♉37	1°29	0♍16	8°34	24°11	23°59	26° 3	9°24	15° 1	12°30	10°53	19° 8	n.a.	S 24
S 25	19 29 48	20°40'52	22°31	2°30	0°49	9°12	24°16	23°56	26° 1	9°26	15° 3	12°32	10°50	19°15	n.a.	S 25
M26	19 33 44	21°38'59	4♊19	3°38	1°20	9°50	24°22	23°52	25°59	9°27	15° 5	12°33	10°47	19°21	n.a.	M26
T 27	19 37 41	22°37'08	16° 6	4°53	1°50	10°28	24°28	23°48	25°57	9°29	15° 7	12°R33	10°43	19°28	n.a.	T 27
W28	19 41 37	23°35'19	27°54	6°13	2°18	11° 7	24°33	23°45	25°55	9°31	15° 9	12°32	10°40	19°35	n.a.	W28
T 29	19 45 34	24°33'32	9♋47	7°39	2°45	11°45	24°38	23°41	25°54	9°32	15°11	12°29	10°37	19°41	n.a.	T 29
F 30	19 49 31	25°31'47	21°48	9°10	3°11	12°23	24°43	23°38	25°52	9°34	15°13	12°24	10°34	19°48	n.a.	F 30
S 31	19 53 27	26♋30'04	3♌57	10♋45	3♍34	13♋ 1	24♈48	23♐34	25♒50	9♍36	15♋15	12♊17	10♊31	19♊55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n48	25n27	1n38	19n14	4s24	17n10	0n 0	24n38	0n58	7n19	1s11	23s40	0n 4	13s36	0s48	10n 0	1n47	32n47	9n48	22n43	22n36	23n32		n.a.
F 2	23 48	25 48	2 38	19 10	4 30	16 49	0s 6	24 40	0 58	7 22	1 12	23 40	0 4	13 37	0 48	10 0	1 47	32 46	9 48	22 43	22 35	23 33		n.a.
S 3	23 49	24 57	3 31	19 7	4 35	16 27	0 13	24 42	0 58	7 26	1 12	23 40	0 4	13 37	0 48	10 0	1 47	32 46	9 48	22 43	22 35	23 35		n.a.
S 4	23 49	22 57	4 16	19 7	4 37	16 4	0 20	24 44	0 59	7 29	1 12	23 40	0 4	13 38	0 48	9 59	1 47	32 46	9 48	22 43	22 35	23 36		n.a.
M 5	23 49	19 51	4 49	19 7	4 38	15 42	0 27	24 45	0 59	7 32	1 12	23 40	0 4	13 38	0 48	9 59	1 47	32 46	9 48	22 42	22 34	23 38		n.a.
T 6	23 48	15 50	5 9	19 10	4 37	15 20	0 34	24 46	0 59	7 35	1 12	23 40	0 4	13 38	0 48	9 58	1 47	32 45	9 48	22 42	22 34	23 40		n.a.
W 7	23 46	11 2	5 15	19 13	4 34	14 57	0 42	24 47	1 0	7 38	1 12	23 40	0 4	13 39	0 49	9 58	1 47	32 45	9 48	22 42	22 33	23 41		n.a.
T 8	23 45	5 39	5 5	19 19	4 30	14 34	0 49	24 48	1 0	7 41	1 12	23 40	0 4	13 39	0 49	9 57	1 47	32 45	9 48	22 41	22 33	23 43		n.a.
F 9	23 43	0s 8	4 38	19 26	4 23	14 11	0 57	24 49	1 0	7 44	1 13	23 40	0 3	13 40	0 49	9 57	1 47	32 45	9 48	22 41	22 32	23 44		n.a.
S 10	23 40	6 4	3 55	19 34	4 15	13 49	1 5	24 49	1 0	7 47	1 13	23 40	0 3	13 40	0 49	9 56	1 47	32 45	9 48	22 42	22 32	23 46		n.a.
S 11	23 37	11 53	2 57	19 44	4 5	13 26	1 13	24 50	1 1	7 50	1 13	23 40	0 3	13 41	0 49	9 56	1 47	32 44	9 48	22 42	22 32	23 47		n.a.
M12	23 34	17 13	1 45	19 55	3 54	13 3	1 21	24 50	1 1	7 53	1 13	23 40	0 3	13 41	0 49	9 55	1 47	32 44	9 48	22 42	22 31	23 49		n.a.
T 13	23 30	21 36	0 26	20 7	3 42	12 40	1 30	24 50	1 1	7 56	1 13	23 39	0 3	13 42	0 49	9 55	1 46	32 44	9 48	22 42	22 31	23 50		n.a.
W14	23 26	24 35	0s57	20 20	3 28	12 17	1 38	24 50	1 2	7 58	1 13	23 39	0 3	13 42	0 49	9 54	1 46	32 44	9 48	22 42	22 30	23 52		n.a.
T 15	23 21	25 48	2 16	20 35	3 13	11 54	1 47	24 49	1 2	8 1	1 13	23 39	0 3	13 43	0 49	9 53	1 46	32 44	9 48	22 42	22 30	23 53		n.a.
F 16	23 16	25 6	3 24	20 50	2 58	11 31	1 56	24 48	1 2	8 3	1 14	23 39	0 3	13 43	0 49	9 53	1 46	32 44	9 48	22 41	22 29	23 55		n.a.
S 17	23 10	22 38	4 18	21 6	2 41	11 8	2 5	24 48	1 3	8 6	1 14	23 39	0 3	13 44	0 49	9 52	1 46	32 43	9 49	22 41	22 29	23 56		n.a.
S 18	23 5	18 47	4 54	21 23	2 25	10 45	2 14	24 47	1 3	8 8	1 14	23 39	0 3	13 44	0 49	9 52	1 46	32 43	9 49	22 40	22 28	23 57		n.a.
M19	22 58	13 58	5 11	21 40	2 8	10 23	2 24	24 45	1 3	8 11	1 14	23 39	0 3	13 45	0 49	9 51	1 46	32 43	9 49	22 40	22 28	23 59		n.a.
T 20	22 52	8 37	5 10	21 58	1 51	10 0	2 33	24 44	1 3	8 13	1 14	23 39	0 2	13 46	0 49	9 51	1 46	32 43	9 49	22 39	22 28	24 0		n.a.
W21	22 44	3 4	4 52	22 15	1 34	9 38	2 43	24 42	1 4	8 15	1 14	23 39	0 2	13 46	0 49	9 50	1 46	32 43	9 49	22 39	22 27	24 2		n.a.
T 22	22 37	2n27	4 21	22 32	1 17	9 16	2 53	24 41	1 4	8 18	1 14	23 39	0 2	13 47	0 49	9 49	1 46	32 43	9 49	22 39	22 27	24 3		n.a.
F 23	22 29	7 44	3 37	22 48	1 1	8 54	3 3	24 39	1 4	8 20	1 15	23 39	0 2	13 47	0 49	9 49	1 46	32 42	9 49	22 39	22 26	24 5		n.a.
S 24	22 21	12 37	2 45	23 4	0 45	8 33	3 13	24 37	1 5	8 22	1 15	23 39	0 2	13 48	0 49	9 48	1 46	32 42	9 49	22 39	22 26	24 6		n.a.
S 25	22 12	16 58	1 47	23 19	0 29	8 11	3 24	24 34	1 5	8 24	1 15	23 39	0 2	13 49	0 49	9 47	1 46	32 42	9 49	22 39	22 25	24 8		n.a.
M26	22 3	20 37	0 45	23 32	0 14	7 50	3 34	24 32	1 5	8 26	1 15	23 38	0 2	13 49	0 49	9 47	1 46	32 42	9 49	22 39	22 25	24 9		n.a.
T 27	21 53	23 24	0n19	23 44	0n 0	7 30	3 45	24 29	1 5	8 28	1 15	23 38	0 2	13 50	0 49	9 46	1 46	32 42	9 49	22 40	22 24	24 10		n.a.
W28	21 43	25 10	1 22	23 54	0 14	7 9	3 56	24 26	1 6	8 30	1 15	23 38	0 2	13 51	0 49	9 45	1 46	32 42	9 49	22 39	22 24	24 12		n.a.
T 29	21 33	25 49	2 22	24 2	0 27	6 49	4 7	24 23	1 6	8 31	1 16	23 38	0 2	13 51	0 49	9 45	1 46	32 42	9 50	22 39	22 23	24 13		n.a.
F 30	21 22	25 15	3 16	24 8	0 39	6 30	4 18	24 20	1 6	8 33	1 16	23 38	0 2	13 52	0 49	9 44	1 46	32 41	9 50	22 38	22 23	24 15		n.a.
S 31	21n11	23n29	4n 2	24n12	0n49	6n11	4s29	24n16	1n 6	8n35	1s16	23s38	0n 1	13s53	0s49	9n43	1n46	32n41	9n50	22n37	22n23	24n16		n.a.

Julian Day Number = 1351240.5, Delta T = 07h07m07s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°04'02, Lahiri = -17°57'02 Julian Calendar 1 July 1014 BCE == Greg. Calendar 21 June 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

AUGUST 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 57 24	27♋28'23	16♌17	12♋23	3♍56	13♋39	24♈53	23°R31	25°R48	9♍38	15♋16	12°R 9	10♊28	20♊ 1	n.a.	S 1
M 2	20 1 20	28°26'43	28°48	14° 6	4°17	14°18	24°57	23♐28	25♒45	9°39	15°18	12♊ 0	10°24	20° 8	n.a.	M 2
T 3	20 5 17	29°25'05	11♍31	15°51	4°35	14°56	25° 2	23°25	25°43	9°41	15°20	11°52	10°21	20°15	n.a.	T 3
W 4	20 9 13	0♌23'30	24°27	17°38	4°52	15°34	25° 6	23°21	25°41	9°43	15°22	11°46	10°18	20°21	n.a.	W 4
T 5	20 13 10	1°21'55	7♎37	19°28	5° 6	16°12	25°10	23°18	25°39	9°45	15°24	11°41	10°15	20°28	n.a.	T 5
F 6	20 17 6	2°20'23	21° 2	21°19	5°19	16°50	25°13	23°15	25°37	9°47	15°26	11°39	10°12	20°35	n.a.	F 6
S 7	20 21 3	3°18'52	4♏42	23°11	5°29	17°28	25°17	23°13	25°35	9°48	15°28	11°D38	10° 9	20°41	n.a.	S 7
S 8	20 25 0	4°17'23	18°40	25° 4	5°37	18° 7	25°20	23°10	25°33	9°50	15°30	11°39	10° 5	20°48	n.a.	S 8
M 9	20 28 56	5°15'56	2♐55	26°57	5°44	18°45	25°24	23° 7	25°30	9°52	15°31	11°39	10° 2	20°55	n.a.	M 9
T 10	20 32 53	6°14'31	17°25	28°51	5°47	19°23	25°27	23° 4	25°28	9°54	15°33	11°R40	9°59	21° 1	n.a.	T 10
W11	20 36 49	7°13'07	2♑ 7	0♌44	5°R49	20° 1	25°30	23° 2	25°26	9°56	15°35	11°38	9°56	21° 8	n.a.	W11
T 12	20 40 46	8°11'46	16°56	2°38	5°48	20°39	25°32	22°59	25°24	9°58	15°37	11°34	9°53	21°14	n.a.	T 12
F 13	20 44 42	9°10'26	1♒45	4°30	5°45	21°17	25°35	22°57	25°21	10° 0	15°39	11°28	9°49	21°21	n.a.	F 13
S 14	20 48 39	10° 9'09	16°26	6°23	5°40	21°56	25°37	22°54	25°19	10° 2	15°41	11°19	9°46	21°28	n.a.	S 14
S 15	20 52 35	11° 7'53	0♓51	8°15	5°32	22°34	25°39	22°52	25°17	10° 4	15°42	11°10	9°43	21°34	n.a.	S 15
M16	20 56 32	12° 6'40	14°53	10° 6	5°22	23°12	25°41	22°50	25°14	10° 6	15°44	11° 0	9°40	21°41	n.a.	M16
T 17	21 0 29	13° 5'29	28°30	11°57	5° 9	23°50	25°43	22°48	25°12	10° 8	15°46	10°52	9°37	21°48	n.a.	T 17
W18	21 4 25	14° 4'20	11♈40	13°46	4°54	24°28	25°44	22°46	25°10	10°10	15°48	10°45	9°34	21°54	n.a.	W18
T 19	21 8 22	15° 3'14	24°25	15°35	4°37	25° 6	25°45	22°44	25° 7	10°12	15°49	10°41	9°30	22° 1	n.a.	T 19
F 20	21 12 18	16° 2'10	6♉49	17°23	4°17	25°45	25°47	22°42	25° 5	10°14	15°51	10°39	9°27	22° 8	n.a.	F 20
S 21	21 16 15	17° 1'09	18°55	19°10	3°55	26°23	25°48	22°41	25° 3	10°16	15°53	10°D38	9°24	22°14	n.a.	S 21
S 22	21 20 11	18° 0'10	0♊49	20°56	3°31	27° 1	25°48	22°39	25° 0	10°18	15°55	10°38	9°21	22°21	n.a.	S 22
M23	21 24 8	18°59'13	12°38	22°41	3° 5	27°39	25°49	22°38	24°58	10°21	15°56	10°R39	9°18	22°28	n.a.	M23
T 24	21 28 4	19°58'19	24°25	24°26	2°38	28°17	25°49	22°36	24°55	10°23	15°58	10°38	9°14	22°34	n.a.	T 24
W25	21 32 1	20°57'27	6♋16	26° 9	2° 8	28°55	25°R49	22°35	24°53	10°25	16° 0	10°35	9°11	22°41	n.a.	W25
T 26	21 35 57	21°56'38	18°15	27°52	1°37	29°34	25°49	22°34	24°51	10°27	16° 1	10°29	9° 8	22°48	n.a.	T 26
F 27	21 39 54	22°55'51	0♌24	29°33	1° 4	0♌12	25°49	22°32	24°48	10°29	16° 3	10°21	9° 5	22°54	n.a.	F 27
S 28	21 43 51	23°55'06	12°47	1♍14	0°31	0°50	25°48	22°31	24°46	10°31	16° 4	10°10	9° 2	23° 1	n.a.	S 28
S 29	21 47 47	24°54'24	25°24	2°54	29♌56	1°28	25°48	22°31	24°43	10°33	16° 6	9°57	8°59	23° 8	n.a.	S 29
M30	21 51 44	25°53'44	8♍14	4°33	29°21	2° 6	25°47	22°30	24°41	10°36	16° 8	9°44	8°55	23°14	n.a.	M30
T 31	21 55 40	26♌53'05	21♍18	6♍12	28♌44	2♌45	25♈46	22♐29	24♒39	10♍38	16♋ 9	9♊32	8♊52	23♊21	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	21n 0	20n36	4n37	24n13	0n59	5n52	4s40	24n13	1n 7	8n36	1s16	23s38	0n 1	13s54	0s49	9n43	1n46	32n41	9n50	22n36	22n22	24n17			n.a.
M 2	20 48	16 44	5 0	24 11	1 8	5 35	4 51	24 9	1 7	8 38	1 16	23 38	0 1	13 54	0 49	9 42	1 46	32 41	9 50	22 35	22 22	24 19			n.a.
T 3	20 36	12 5	5 8	24 7	1 17	5 17	5 3	24 5	1 7	8 39	1 16	23 38	0 1	13 55	0 49	9 41	1 46	32 41	9 50	22 34	22 21	24 20			n.a.
W 4	20 23	6 49	5 0	24 1	1 24	5 1	5 14	24 1	1 8	8 41	1 16	23 38	0 1	13 56	0 49	9 40	1 46	32 41	9 50	22 33	22 21	24 21			n.a.
T 5	20 10	1 10	4 37	23 52	1 30	4 45	5 26	23 56	1 8	8 42	1 17	23 38	0 1	13 56	0 49	9 40	1 46	32 41	9 51	22 33	22 20	24 23			n.a.
F 6	19 57	4s39	3 58	23 40	1 35	4 29	5 37	23 52	1 8	8 43	1 17	23 38	0 1	13 57	0 49	9 39	1 46	32 41	9 51	22 32	22 20	24 24			n.a.
S 7	19 43	10 23	3 5	23 25	1 39	4 15	5 49	23 47	1 8	8 44	1 17	23 38	0 1	13 58	0 49	9 38	1 46	32 41	9 51	22 32	22 19	24 26			n.a.
S 8	19 29	15 43	2 0	23 9	1 43	4 1	6 0	23 42	1 9	8 45	1 17	23 38	0 1	13 59	0 49	9 37	1 46	32 41	9 51	22 32	22 19	24 27			n.a.
M 9	19 15	20 18	0 47	22 49	1 46	3 48	6 12	23 37	1 9	8 46	1 17	23 38	0 1	14 0	0 49	9 37	1 46	32 41	9 51	22 32	22 18	24 28			n.a.
T 10	19 0	23 43	0s31	22 28	1 48	3 36	6 23	23 32	1 9	8 47	1 17	23 37	0 0	14 0	0 49	9 36	1 45	32 41	9 51	22 32	22 18	24 30			n.a.
W11	18 45	25 35	1 48	22 5	1 49	3 25	6 34	23 26	1 9	8 48	1 18	23 37	0 0	14 1	0 49	9 35	1 45	32 40	9 52	22 32	22 17	24 31			n.a.
T 12	18 30	25 39	2 57	21 39	1 49	3 15	6 46	23 21	1 9	8 49	1 18	23 37	0 0	14 2	0 49	9 34	1 45	32 40	9 52	22 32	22 17	24 32			n.a.
F 13	18 15	23 54	3 55	21 12	1 49	3 6	6 57	23 15	1 10	8 50	1 18	23 37	0 0	14 3	0 49	9 34	1 45	32 40	9 52	22 31	22 16	24 34			n.a.
S 14	17 59	20 33	4 37	20 43	1 48	2 58	7 7	23 9	1 10	8 51	1 18	23 37	0 0	14 3	0 49	9 33	1 45	32 40	9 52	22 29	22 16	24 35			n.a.
S 15	17 42	16 0	5 0	20 13	1 47	2 51	7 18	23 3	1 10	8 51	1 18	23 37	0 0	14 4	0 49	9 32	1 45	32 40	9 52	22 28	22 15	24 36			n.a.
M16	17 26	10 42	5 4	19 41	1 45	2 45	7 28	22 57	1 10	8 52	1 18	23 37	0s 0	14 5	0 49	9 31	1 45	32 40	9 52	22 27	22 15	24 37			n.a.
T 17	17 9	5 2	4 50	19 8	1 43	2 41	7 38	22 50	1 11	8 52	1 19	23 37	0 0	14 6	0 49	9 30	1 45	32 40	9 53	22 26	22 15	24 39			n.a.
W18	16 52	0n41	4 22	18 33	1 40	2 38	7 47	22 44	1 11	8 53	1 19	23 37	0 0	14 7	0 49	9 30	1 45	32 40	9 53	22 25	22 14	24 40			n.a.
T 19	16 34	6 12	3 41	17 58	1 37	2 36	7 56	22 37	1 11	8 53	1 19	23 37	0 0	14 8	0 49	9 29	1 45	32 40	9 53	22 24	22 14	24 41			n.a.
F 20	16 17	11 19	2 50	17 21	1 33	2 35	8 4	22 30	1 11	8 53	1 19	23 37	0 0	14 8	0 49	9 28	1 45	32 40	9 53	22 24	22 13	24 43			n.a.
S 21	15 59	15 54	1 53	16 43	1 29	2 35	8 12	22 23	1 12	8 53	1 19	23 37	0 1	14 9	0 49	9 27	1 45	32 40	9 54	22 24	22 13	24 44			n.a.
S 22	15 41	19 48	0 52	16 5	1 25	2 37	8 19	22 15	1 12	8 54	1 19	23 37	0 1	14 10	0 50	9 26	1 45	32 40	9 54	22 24	22 12	24 45			n.a.
M23	15 22	22 51	0n11	15 26	1 21	2 40	8 26	22 8	1 12	8 54	1 20	23 37	0 1	14 11	0 50	9 26	1 45	32 40	9 54	22 24	22 12	24 46			n.a.
T 24	15 3	24 54	1 13	14 46	1 16	2 45	8 32	22 0	1 12	8 54	1 20	23 37	0 1	14 12	0 50	9 25	1 45	32 40	9 54	22 24	22 11	24 48			n.a.
W25	14 44	25 52	2 12	14 6	1 11	2 51	8 37	21 53	1 12	8 53	1 20	23 37	0 1	14 12	0 50	9 24	1 45	32 40	9 54	22 23	22 11	24 49			n.a.
T 26	14 25	25 37	3 6	13 25	1 5	2 57	8 41	21 45	1 13	8 53	1 20	23 37	0 1	14 13	0 50	9 23	1 45	32 40	9 55	22 22	22 10	24 50			n.a.
F 27	14 5	24 9	3 52	12 44	1 0	3 6	8 45	21 37	1 13	8 53	1 20	23 37	0 1	14 14	0 50	9 22	1 45	32 40	9 55	22 21	22 10	24 51			n.a.
S 28	13 45	21 31	4 28	12 2	0 54	3 15	8 47	21 28	1 13	8 53	1 20	23 37	0 1	14 15	0 50	9 21	1 45	32 40	9 55	22 20	22 9	24 52			n.a.
S 29	13 25	17 49	4 51	11 20	0 48	3 26	8 49	21 20	1 13	8 52	1 21	23 37	0 1	14 16	0 50	9 21	1 45	32 40	9 55	22 18	22 9	24 54			n.a.
M30	13 5	13 14	5 1	10 38	0 42	3 37	8 50	21 12	1 13	8 52	1 21	23 37	0 1	14 17	0 50	9 20	1 45	32 40	9 56	22 16	22 8	24 55			n.a.
T 31	12n45	8n 0	4n55	9n56	0n35	3n50	8s49	21n 3	1n14	8n51	1s21	23s37	0s 1	14s17	0s50	9n19	1n45	32n40	9n56	22n14	22n 8	24n56			n.a.

Julian Day Number = 1351271.5, Delta T = 07h07m06s
Ecliptic obliquity = 23°49'00, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'58, Lahiri = -17°56'58 Julian Calendar 1 Aug. 1014 BCE == Greg. Calendar 22 July 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

SEPTEMBER 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 59 37	27♌52'29	4♎34	7♍49	28°R 8	3♌23	25°R44	22°R28	24°R36	10♍40	16♋11	9°R21	8♊49	23♊27	n.a.	W 1
T 2	22 3 33	28°51'55	18° 0	9°26	27♌31	4° 1	25♈43	22♐28	24♒34	10°42	16°12	9♊13	8°46	23°34	n.a.	T 2
F 3	22 7 30	29°51'23	1♏37	11° 2	26°55	4°39	25°41	22°27	24°31	10°44	16°14	9° 8	8°43	23°41	n.a.	F 3
S 4	22 11 26	0♍50'52	15°22	12°37	26°19	5°17	25°39	22°27	24°29	10°47	16°15	9° 6	8°40	23°47	n.a.	S 4
S 5	22 15 23	1°50'24	29°17	14°12	25°44	5°56	25°37	22°27	24°26	10°49	16°17	9° 5	8°36	23°54	n.a.	S 5
M 6	22 19 19	2°49'58	13♐21	15°46	25° 9	6°34	25°35	22°27	24°24	10°51	16°18	9° 5	8°33	24° 1	n.a.	M 6
T 7	22 23 16	3°49'33	27°33	17°19	24°36	7°12	25°32	22°D27	24°22	10°53	16°20	9° 4	8°30	24° 7	n.a.	T 7
W 8	22 27 13	4°49'10	11♑53	18°51	24° 4	7°50	25°30	22°27	24°19	10°56	16°21	9° 2	8°27	24°14	n.a.	W 8
T 9	22 31 9	5°48'50	26°17	20°23	23°33	8°29	25°27	22°27	24°17	10°58	16°22	8°56	8°24	24°21	n.a.	T 9
F 10	22 35 6	6°48'31	10♒41	21°54	23° 4	9° 7	25°24	22°27	24°15	11° 0	16°24	8°48	8°20	24°27	n.a.	F 10
S 11	22 39 2	7°48'14	25° 0	23°24	22°37	9°45	25°20	22°28	24°12	11° 2	16°25	8°37	8°17	24°34	n.a.	S 11
S 12	22 42 59	8°47'59	9♓ 7	24°54	22°11	10°23	25°17	22°28	24°10	11° 4	16°26	8°25	8°14	24°41	n.a.	S 12
M13	22 46 55	9°47'46	22°58	26°23	21°48	11° 1	25°13	22°29	24° 8	11° 7	16°28	8°12	8°11	24°47	n.a.	M13
T 14	22 50 52	10°47'35	6♈27	27°51	21°27	11°40	25° 9	22°29	24° 5	11° 9	16°29	8° 1	8° 8	24°54	n.a.	T 14
W15	22 54 48	11°47'27	19°33	29°19	21° 9	12°18	25° 5	22°30	24° 3	11°11	16°30	7°51	8° 5	25° 1	n.a.	W15
T 16	22 58 45	12°47'20	2♉18	0♎46	20°53	12°56	25° 1	22°31	24° 1	11°13	16°32	7°45	8° 1	25° 7	n.a.	T 16
F 17	23 2 42	13°47'17	14°41	2°12	20°39	13°34	24°57	22°32	23°59	11°16	16°33	7°41	7°58	25°14	n.a.	F 17
S 18	23 6 38	14°47'15	26°48	3°37	20°27	14°13	24°52	22°33	23°56	11°18	16°34	7°39	7°55	25°21	n.a.	S 18
S 19	23 10 35	15°47'16	8♊44	5° 2	20°18	14°51	24°47	22°34	23°54	11°20	16°35	7°D39	7°52	25°27	n.a.	S 19
M20	23 14 31	16°47'19	20°33	6°26	20°12	15°29	24°43	22°36	23°52	11°22	16°36	7°R39	7°49	25°34	n.a.	M20
T 21	23 18 28	17°47'24	2♋21	7°49	20° 8	16° 7	24°37	22°37	23°50	11°25	16°37	7°38	7°46	25°41	n.a.	T 21
W22	23 22 24	18°47'32	14°14	9°11	20°D 6	16°46	24°32	22°38	23°48	11°27	16°38	7°35	7°42	25°47	n.a.	W22
T 23	23 26 21	19°47'42	26°16	10°32	20° 7	17°24	24°27	22°40	23°46	11°29	16°39	7°30	7°39	25°54	n.a.	T 23
F 24	23 30 17	20°47'54	8♌32	11°52	20°11	18° 2	24°21	22°42	23°43	11°31	16°40	7°22	7°36	26° 0	n.a.	F 24
S 25	23 34 14	21°48'08	21° 5	13°11	20°16	18°41	24°15	22°44	23°41	11°34	16°41	7°12	7°33	26° 7	n.a.	S 25
S 26	23 38 10	22°48'25	3♍56	14°29	20°24	19°19	24°10	22°45	23°39	11°36	16°42	7° 0	7°30	26°14	n.a.	S 26
M27	23 42 7	23°48'43	17° 6	15°45	20°34	19°57	24° 3	22°47	23°37	11°38	16°43	6°47	7°26	26°20	n.a.	M27
T 28	23 46 4	24°49'03	0♎33	17° 0	20°47	20°35	23°57	22°50	23°35	11°40	16°44	6°35	7°23	26°27	n.a.	T 28
W29	23 50 0	25°49'25	14°13	18°13	21° 1	21°14	23°51	22°52	23°33	11°42	16°45	6°24	7°20	26°34	n.a.	W29
T 30	23 53 57	26♍49'49	28♎ 5	19♎25	21♌18	21♌52	23♈44	22♐54	23♒32	11♍45	16♋46	6♊16	7♊17	26♊40	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n24	2n19	4n33	9n13	0n29	4n 3	8s48	20n54	1n14	8n51	1s21	23s37	0s 1	14s18	0s50	9n18	1n45	32n40	9n56	22n12	22n 7	24n57		n.a.
T 2	12 3	3s33	3 55	8 30	0 22	4 18	8 46	20 45	1 14	8 50	1 21	23 37	0 2	14 19	0 50	9 17	1 45	32 41	9 56	22 11	22 7	24 58		n.a.
F 3	11 42	9 20	3 4	7 47	0 16	4 33	8 43	20 36	1 14	8 49	1 21	23 38	0 2	14 20	0 50	9 16	1 45	32 41	9 57	22 10	22 6	25 0		n.a.
S 4	11 21	14 45	2 2	7 4	0 9	4 49	8 39	20 27	1 14	8 48	1 21	23 38	0 2	14 21	0 50	9 15	1 45	32 41	9 57	22 10	22 6	25 1		n.a.
S 5	10 59	19 28	0 52	6 21	0 2	5 5	8 34	20 17	1 15	8 47	1 22	23 38	0 2	14 21	0 49	9 15	1 45	32 41	9 57	22 10	22 5	25 2		n.a.
M 6	10 37	23 8	0s23	5 38	0s 5	5 22	8 28	20 8	1 15	8 46	1 22	23 38	0 2	14 22	0 49	9 14	1 45	32 41	9 58	22 10	22 5	25 3		n.a.
T 7	10 16	25 24	1 36	4 55	0 12	5 39	8 21	19 58	1 15	8 45	1 22	23 38	0 2	14 23	0 49	9 13	1 45	32 41	9 58	22 10	22 4	25 4		n.a.
W 8	9 54	26 0	2 44	4 12	0 18	5 57	8 14	19 48	1 15	8 44	1 22	23 38	0 2	14 24	0 49	9 12	1 45	32 41	9 58	22 9	22 4	25 5		n.a.
T 9	9 31	24 51	3 42	3 29	0 25	6 15	8 6	19 38	1 15	8 43	1 22	23 38	0 2	14 25	0 49	9 11	1 45	32 41	9 58	22 8	22 3	25 7		n.a.
F 10	9 9	22 4	4 25	2 46	0 32	6 32	7 57	19 28	1 15	8 42	1 22	23 38	0 2	14 25	0 49	9 10	1 45	32 41	9 59	22 7	22 3	25 8		n.a.
S 11	8 46	17 58	4 52	2 3	0 39	6 50	7 47	19 18	1 16	8 41	1 22	23 38	0 2	14 26	0 49	9 9	1 45	32 41	9 59	22 5	22 2	25 9		n.a.
S 12	8 24	12 54	5 0	1 21	0 46	7 8	7 37	19 8	1 16	8 39	1 23	23 38	0 2	14 27	0 49	9 9	1 45	32 41	9 59	22 3	22 2	25 10		n.a.
M13	8 1	7 16	4 50	0 39	0 53	7 26	7 26	18 57	1 16	8 38	1 23	23 38	0 2	14 28	0 49	9 8	1 45	32 42	10 0	22 1	22 1	25 11		n.a.
T 14	7 38	1 26	4 25	0s 3	1 0	7 43	7 15	18 47	1 16	8 36	1 23	23 39	0 3	14 29	0 49	9 7	1 45	32 42	10 0	21 59	22 1	25 12		n.a.
W15	7 15	4n18	3 45	0 45	1 7	8 0	7 3	18 36	1 16	8 35	1 23	23 39	0 3	14 29	0 49	9 6	1 45	32 42	10 0	21 58	22 0	25 13		n.a.
T 16	6 52	9 43	2 55	1 26	1 14	8 16	6 51	18 25	1 16	8 33	1 23	23 39	0 3	14 30	0 49	9 5	1 45	32 42	10 1	21 57	22 0	25 14		n.a.
F 17	6 28	14 37	1 58	2 7	1 20	8 32	6 39	18 14	1 17	8 31	1 23	23 39	0 3	14 31	0 49	9 4	1 45	32 42	10 1	21 56	21 59	25 16		n.a.
S 18	6 5	18 49	0 57	2 47	1 27	8 48	6 26	18 3	1 17	8 29	1 23	23 39	0 3	14 32	0 49	9 3	1 45	32 42	10 1	21 56	21 58	25 17		n.a.
S 19	5 41	22 12	0n 6	3 27	1 33	9 3	6 13	17 52	1 17	8 28	1 23	23 39	0 3	14 32	0 49	9 3	1 45	32 42	10 1	21 56	21 58	25 18		n.a.
M20	5 18	24 36	1 8	4 7	1 40	9 17	6 0	17 40	1 17	8 26	1 23	23 39	0 3	14 33	0 49	9 2	1 45	32 43	10 2	21 56	21 57	25 19		n.a.
T 21	4 54	25 55	2 7	4 46	1 46	9 31	5 47	17 29	1 17	8 24	1 23	23 40	0 3	14 34	0 49	9 1	1 45	32 43	10 2	21 56	21 57	25 20		n.a.
W22	4 30	26 3	3 1	5 24	1 52	9 44	5 34	17 17	1 17	8 22	1 24	23 40	0 3	14 34	0 49	9 0	1 45	32 43	10 2	21 55	21 56	25 21		n.a.
T 23	4 6	24 57	3 48	6 2	1 58	9 56	5 21	17 5	1 18	8 20	1 24	23 40	0 3	14 35	0 49	8 59	1 45	32 43	10 3	21 54	21 56	25 22		n.a.
F 24	3 42	22 40	4 25	6 39	2 4	10 8	5 7	16 54	1 18	8 17	1 24	23 40	0 3	14 36	0 49	8 58	1 45	32 43	10 3	21 53	21 55	25 23		n.a.
S 25	3 18	19 15	4 50	7 16	2 9	10 19	4 54	16 42	1 18	8 15	1 24	23 40	0 3	14 36	0 49	8 57	1 45	32 44	10 3	21 51	21 55	25 24		n.a.
S 26	2 54	14 52	5 1	7 51	2 14	10 29	4 41	16 30	1 18	8 13	1 24	23 40	0 4	14 37	0 49	8 57	1 45	32 44	10 4	21 49	21 54	25 25		n.a.
M27	2 30	9 42	4 57	8 26	2 19	10 38	4 28	16 18	1 18	8 11	1 24	23 41	0 4	14 38	0 49	8 56	1 45	32 44	10 4	21 47	21 54	25 26		n.a.
T 28	2 5	3 59	4 36	8 59	2 24	10 46	4 15	16 5	1 18	8 8	1 24	23 41	0 4	14 38	0 49	8 55	1 45	32 44	10 4	21 45	21 53	25 27		n.a.
W29	1 41	2s 2	3 59	9 32	2 28	10 54	4 2	15 53	1 18	8 6	1 24	23 41	0 4	14 39	0 49	8 54	1 45	32 44	10 5	21 43	21 53	25 28		n.a.
T 30	1n17	8s 3	3n 8	10s 3	2s32	11n 0	3s50	15n40	1n18	8n 4	1s24	23s41	0s 4	14s40	0s49	8n53	1n45	32n45	10n 5	21n42	21n52	25n29		n.a.

Julian Day Number = 1351302.5, Delta T = 07h07m04s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'54, Lahiri = -17°56'54 Julian Calendar 1 Sept. 1014 BCE == Greg. Calendar 22 Aug. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

OCTOBER 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 57 53	27♍50'14	12♏ 4	20♎34	21♌36	22♌30	23°R38	22♐56	23°R30	11♍47	16♋47	6°R11	7♊14	26♊47	n.a.	F 1
S 2	0 1 50	28°50'42	26° 7	21°41	21°57	23° 9	23♈31	22°59	23♒28	11°49	16°48	6♊ 9	7°11	26°54	n.a.	S 2
S 3	0 5 46	29°51'10	10♐13	22°46	22°19	23°47	23°24	23° 1	23°26	11°51	16°49	6°D 9	7° 7	27° 0	n.a.	S 3
M 4	0 9 43	0♎51'41	24°19	23°47	22°43	24°25	23°17	23° 4	23°24	11°53	16°49	6°R 9	7° 4	27° 7	n.a.	M 4
T 5	0 13 39	1°52'12	8♑25	24°46	23° 9	25° 3	23°10	23° 7	23°22	11°55	16°50	6° 9	7° 1	27°14	n.a.	T 5
W 6	0 17 36	2°52'45	22°29	25°41	23°37	25°42	23° 3	23°10	23°21	11°57	16°51	6° 8	6°58	27°20	n.a.	W 6
T 7	0 21 33	3°53'20	6♒32	26°32	24° 6	26°20	22°56	23°13	23°19	12° 0	16°52	6° 4	6°55	27°27	n.a.	T 7
F 8	0 25 29	4°53'56	20°30	27°18	24°37	26°58	22°48	23°16	23°17	12° 2	16°52	5°57	6°51	27°34	n.a.	F 8
S 9	0 29 26	5°54'33	4♓21	28° 0	25° 9	27°37	22°41	23°19	23°16	12° 4	16°53	5°48	6°48	27°40	n.a.	S 9
S 10	0 33 22	6°55'12	18° 1	28°36	25°43	28°15	22°33	23°22	23°14	12° 6	16°53	5°38	6°45	27°47	n.a.	S 10
M11	0 37 19	7°55'52	1♈29	29° 5	26°18	28°53	22°25	23°25	23°13	12° 8	16°54	5°27	6°42	27°54	n.a.	M11
T 12	0 41 15	8°56'33	14°40	29°27	26°55	29°32	22°18	23°29	23°11	12°10	16°54	5°18	6°39	28° 0	n.a.	T 12
W13	0 45 12	9°57'17	27°34	29°42	27°33	0♍10	22°10	23°32	23°10	12°12	16°55	5°10	6°36	28° 7	n.a.	W13
T 14	0 49 8	10°58'02	10♉10	29°R48	28°12	0°48	22° 2	23°36	23° 8	12°14	16°55	5° 4	6°32	28°14	n.a.	T 14
F 15	0 53 5	11°58'48	22°30	29°44	28°53	1°27	21°54	23°40	23° 7	12°16	16°56	5° 1	6°29	28°20	n.a.	F 15
S 16	0 57 2	12°59'36	4♊35	29°31	29°34	2° 5	21°46	23°43	23° 6	12°18	16°56	5°D 0	6°26	28°27	n.a.	S 16
S 17	1 0 58	14° 0'26	16°30	29° 7	0♍17	2°43	21°38	23°47	23° 4	12°20	16°57	5° 1	6°23	28°34	n.a.	S 17
M18	1 4 55	15° 1'18	28°20	28°33	1° 1	3°22	21°30	23°51	23° 3	12°22	16°57	5° 2	6°20	28°40	n.a.	M18
T 19	1 8 51	16° 2'11	10♋ 8	27°48	1°46	4° 0	21°22	23°55	23° 2	12°24	16°57	5° 3	6°17	28°47	n.a.	T 19
W20	1 12 48	17° 3'05	22° 1	26°52	2°32	4°38	21°14	23°59	23° 1	12°26	16°58	5°R 3	6°13	28°53	n.a.	W20
T 21	1 16 44	18° 4'02	4♌ 3	25°48	3°19	5°17	21° 6	24° 3	23° 0	12°28	16°58	5° 2	6°10	29° 0	n.a.	T 21
F 22	1 20 41	19° 4'59	16°20	24°35	4° 7	5°55	20°57	24° 8	22°59	12°30	16°58	4°58	6° 7	29° 7	n.a.	F 22
S 23	1 24 37	20° 5'59	28°56	23°17	4°56	6°33	20°49	24°12	22°58	12°32	16°58	4°53	6° 4	29°13	n.a.	S 23
S 24	1 28 34	21° 6'59	11♍54	21°55	5°45	7°12	20°41	24°16	22°57	12°33	16°59	4°46	6° 1	29°20	n.a.	S 24
M25	1 32 31	22° 8'01	25°14	20°33	6°36	7°50	20°33	24°21	22°56	12°35	16°59	4°38	5°57	29°27	n.a.	M25
T 26	1 36 27	23° 9'04	8♎57	19°13	7°27	8°28	20°25	24°26	22°55	12°37	16°59	4°31	5°54	29°33	n.a.	T 26
W27	1 40 24	24°10'09	22°59	17°57	8°19	9° 7	20°16	24°30	22°54	12°39	16°59	4°24	5°51	29°40	n.a.	W27
T 28	1 44 20	25°11'14	7♏17	16°49	9°12	9°45	20° 8	24°35	22°53	12°41	16°59	4°20	5°48	29°47	n.a.	T 28
F 29	1 48 17	26°12'20	21°43	15°49	10° 6	10°23	20° 0	24°40	22°53	12°42	16°R59	4°17	5°45	29°53	n.a.	F 29
S 30	1 52 13	27°13'28	6♐14	15° 0	11° 0	11° 2	19°52	24°45	22°52	12°44	16°59	4°D17	5°42	0♋ 0	n.a.	S 30
S 31	1 56 10	28♎14'36	20♐43	14♎22	11♍55	11♍40	19♈44	24♐50	22♒51	12♍46	16♋59	4♊17	5♊38	0♋ 7	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n52	13s44	2n 4	10s33	2s36	11n 6	3s37	15n28	1n19	8n 1	1s24	23s41	0s 4	14s40	0s49	8n52	1n45	32n45	10n 6	21n41	21n52	25n30		n.a.
S 2	0 28	18 44	0 53	11 2	2 39	11 11	3 25	15 15	1 19	7 58	1 24	23 42	0 4	14 41	0 49	8 52	1 45	32 45	10 6	21 41	21 51	25 31		n.a.
S 3	0 4	22 41	0s22	11 29	2 42	11 16	3 12	15 2	1 19	7 56	1 24	23 42	0 4	14 41	0 49	8 51	1 45	32 45	10 6	21 40	21 51	25 32		n.a.
M 4	0s21	25 17	1 35	11 54	2 44	11 19	3 0	14 50	1 19	7 53	1 24	23 42	0 4	14 42	0 49	8 50	1 45	32 46	10 7	21 41	21 50	25 33		n.a.
T 5	0 45	26 15	2 43	12 18	2 45	11 22	2 49	14 37	1 19	7 51	1 24	23 42	0 4	14 43	0 49	8 49	1 45	32 46	10 7	21 41	21 49	25 34		n.a.
W 6	1 10	25 32	3 41	12 39	2 46	11 24	2 37	14 24	1 19	7 48	1 24	23 43	0 4	14 43	0 49	8 48	1 46	32 46	10 7	21 40	21 49	25 35		n.a.
T 7	1 34	23 12	4 25	12 58	2 46	11 25	2 25	14 11	1 19	7 45	1 24	23 43	0 4	14 44	0 49	8 48	1 46	32 46	10 8	21 40	21 48	25 36		n.a.
F 8	1 59	19 30	4 53	13 14	2 45	11 25	2 14	13 57	1 19	7 42	1 24	23 43	0 4	14 44	0 49	8 47	1 46	32 47	10 8	21 38	21 48	25 37		n.a.
S 9	2 23	14 46	5 4	13 28	2 44	11 25	2 3	13 44	1 19	7 40	1 24	23 43	0 5	14 45	0 49	8 46	1 46	32 47	10 8	21 37	21 47	25 38		n.a.
S 10	2 47	9 21	4 57	13 39	2 41	11 23	1 53	13 31	1 20	7 37	1 24	23 43	0 5	14 45	0 49	8 45	1 46	32 47	10 9	21 35	21 47	25 39		n.a.
M11	3 12	3 35	4 34	13 46	2 37	11 21	1 42	13 17	1 20	7 34	1 24	23 44	0 5	14 46	0 49	8 44	1 46	32 48	10 9	21 33	21 46	25 40		n.a.
T 12	3 36	2n15	3 56	13 49	2 32	11 18	1 32	13 4	1 20	7 31	1 24	23 44	0 5	14 46	0 49	8 44	1 46	32 48	10 10	21 31	21 46	25 41		n.a.
W13	4 0	7 52	3 7	13 49	2 26	11 14	1 22	12 50	1 20	7 28	1 24	23 44	0 5	14 47	0 49	8 43	1 46	32 48	10 10	21 30	21 45	25 42		n.a.
T 14	4 24	13 3	2 9	13 44	2 18	11 10	1 12	12 36	1 20	7 25	1 24	23 44	0 5	14 47	0 49	8 42	1 46	32 48	10 10	21 29	21 45	25 43		n.a.
F 15	4 48	17 37	1 7	13 34	2 9	11 5	1 2	12 22	1 20	7 22	1 24	23 45	0 5	14 47	0 49	8 41	1 46	32 49	10 11	21 28	21 44	25 44		n.a.
S 16	5 13	21 21	0 2	13 19	1 58	10 59	0 53	12 9	1 20	7 19	1 24	23 45	0 5	14 48	0 49	8 41	1 46	32 49	10 11	21 28	21 43	25 44		n.a.
S 17	5 37	24 9	1n 2	12 58	1 46	10 52	0 43	11 55	1 20	7 16	1 24	23 45	0 5	14 48	0 49	8 40	1 46	32 49	10 11	21 28	21 43	25 45		n.a.
M18	6 0	25 51	2 3	12 33	1 31	10 45	0 34	11 41	1 20	7 13	1 24	23 45	0 5	14 49	0 49	8 39	1 46	32 50	10 12	21 28	21 42	25 46		n.a.
T 19	6 24	26 23	2 58	12 1	1 15	10 37	0 26	11 26	1 20	7 10	1 24	23 46	0 5	14 49	0 49	8 38	1 46	32 50	10 12	21 29	21 42	25 47		n.a.
W20	6 48	25 42	3 46	11 25	0 58	10 28	0 17	11 12	1 20	7 7	1 23	23 46	0 5	14 49	0 49	8 38	1 46	32 50	10 12	21 29	21 41	25 48		n.a.
T 21	7 12	23 50	4 25	10 43	0 39	10 19	0 9	10 58	1 20	7 4	1 23	23 46	0 5	14 50	0 48	8 37	1 46	32 51	10 13	21 28	21 41	25 49		n.a.
F 22	7 35	20 50	4 53	9 58	0 19	10 8	0 1	10 44	1 21	7 1	1 23	23 47	0 5	14 50	0 48	8 36	1 46	32 51	10 13	21 28	21 40	25 50		n.a.
S 23	7 59	16 49	5 7	9 10	0n 1	9 58	0n 7	10 29	1 21	6 58	1 23	23 47	0 6	14 50	0 48	8 36	1 46	32 51	10 14	21 27	21 40	25 51		n.a.
S 24	8 22	11 55	5 7	8 20	0 22	9 46	0 15	10 15	1 21	6 55	1 23	23 47	0 6	14 51	0 48	8 35	1 46	32 52	10 14	21 25	21 39	25 51		n.a.
M25	8 45	6 20	4 49	7 30	0 42	9 34	0 22	10 1	1 21	6 52	1 23	23 47	0 6	14 51	0 48	8 34	1 46	32 52	10 14	21 24	21 38	25 52		n.a.
T 26	9 8	0 18	4 15	6 41	1 2	9 21	0 29	9 46	1 21	6 49	1 23	23 48	0 6	14 51	0 48	8 34	1 46	32 52	10 15	21 23	21 38	25 53		n.a.
W27	9 31	5s54	3 25	5 55	1 20	9 8	0 36	9 31	1 21	6 46	1 23	23 48	0 6	14 51	0 48	8 33	1 46	32 53	10 15	21 21	21 37	25 54		n.a.
T 28	9 54	11 56	2 22	5 13	1 37	8 54	0 43	9 17	1 21	6 43	1 23	23 48	0 6	14 52	0 48	8 32	1 46	32 53	10 15	21 21	21 37	25 55		n.a.
F 29	10 16	17 23	1 8	4 36	1 52	8 40	0 49	9 2	1 21	6 40	1 22	23 48	0 6	14 52	0 48	8 32	1 46	32 53	10 16	21 20	21 36	25 56		n.a.
S 30	10 39	21 52	0s11	4 5	2 5	8 25	0 56	8 47	1 21	6 37	1 22	23 49	0 6	14 52	0 48	8 31	1 46	32 54	10 16	21 20	21 36	25 56		n.a.
S 31	11s 1	24s57	1s29	3s40	2n15	8n 9	1n 2	8n32	1n21	6n34	1s22	23s49	0s 6	14s52	0s48	8n30	1n46	32n54	10n17	21n20	21n35	25n57		n.a.

Julian Day Number = 1351332.5, Delta T = 07h07m03s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'50, Lahiri = -17°56'50 Julian Calendar 1 Oct. 1014 BCE == Greg. Calendar 21 Sept. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

NOVEMBER 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 0 6	29♎15'45	5♉ 6	13°R55	12♍50	12♍18	19°R36	24♐55	22°R51	12♍48	16°R59	4♊19	5♊35	0♋13	n.a.	M 1
T 2	2 4 3	0♏16'54	19°20	13♎40	13°46	12°57	19♈28	25° 0	22♒50	12°49	16♋59	4°20	5°32	0°20	n.a.	T 2
W 3	2 8 0	1°18'04	3♒23	13°D35	14°43	13°35	19°20	25° 5	22°50	12°51	16°59	4°R21	5°29	0°27	n.a.	W 3
T 4	2 11 56	2°19'14	17°15	13°41	15°40	14°13	19°12	25°10	22°49	12°53	16°58	4°20	5°26	0°33	n.a.	T 4
F 5	2 15 53	3°20'25	0♓55	13°56	16°38	14°52	19° 5	25°15	22°49	12°54	16°58	4°17	5°23	0°40	n.a.	F 5
S 6	2 19 49	4°21'36	14°23	14°20	17°37	15°30	18°57	25°21	22°49	12°56	16°58	4°13	5°19	0°47	n.a.	S 6
S 7	2 23 46	5°22'47	27°37	14°52	18°35	16° 8	18°50	25°26	22°48	12°57	16°58	4° 9	5°16	0°53	n.a.	S 7
M 8	2 27 42	6°23'59	10♈39	15°31	19°35	16°47	18°42	25°32	22°48	12°59	16°58	4° 4	5°13	1° 0	n.a.	M 8
T 9	2 31 39	7°25'12	23°28	16°16	20°35	17°25	18°35	25°37	22°48	13° 0	16°57	3°59	5°10	1° 7	n.a.	T 9
W10	2 35 35	8°26'25	6♉ 3	17° 6	21°35	18° 3	18°27	25°43	22°48	13° 2	16°57	3°56	5° 7	1°13	n.a.	W10
T 11	2 39 32	9°27'38	18°25	18° 1	22°36	18°42	18°20	25°48	22°48	13° 3	16°57	3°53	5° 3	1°20	n.a.	T 11
F 12	2 43 29	10°28'52	0♊36	19° 1	23°37	19°20	18°13	25°54	22°D48	13° 5	16°56	3°D52	5° 0	1°27	n.a.	F 12
S 13	2 47 25	11°30'07	12°37	20° 4	24°38	19°58	18° 6	26° 0	22°48	13° 6	16°56	3°53	4°57	1°33	n.a.	S 13
S 14	2 51 22	12°31'22	24°30	21°11	25°40	20°37	17°59	26° 6	22°48	13° 7	16°55	3°54	4°54	1°40	n.a.	S 14
M15	2 55 18	13°32'38	6♋18	22°20	26°43	21°15	17°53	26°12	22°48	13° 9	16°55	3°56	4°51	1°47	n.a.	M15
T 16	2 59 15	14°33'54	18° 7	23°32	27°46	21°53	17°46	26°18	22°48	13°10	16°54	3°57	4°48	1°53	n.a.	T 16
W17	3 3 11	15°35'11	29°59	24°47	28°49	22°31	17°40	26°24	22°48	13°11	16°54	3°59	4°44	2° 0	n.a.	W17
T 18	3 7 8	16°36'29	11♌59	26° 3	29°52	23°10	17°33	26°30	22°49	13°12	16°53	3°R59	4°41	2° 7	n.a.	T 18
F 19	3 11 5	17°37'46	24°14	27°21	0♎56	23°48	17°27	26°36	22°49	13°14	16°53	3°59	4°38	2°13	n.a.	F 19
S 20	3 15 1	18°39'04	6♍46	28°40	2° 0	24°26	17°21	26°42	22°49	13°15	16°52	3°58	4°35	2°20	n.a.	S 20
S 21	3 18 58	19°40'23	19°40	0♏ 1	3° 5	25° 5	17°15	26°48	22°50	13°16	16°51	3°57	4°32	2°27	n.a.	S 21
M22	3 22 54	20°41'42	3♎ 0	1°23	4° 9	25°43	17°10	26°54	22°50	13°17	16°51	3°55	4°28	2°33	n.a.	M22
T 23	3 26 51	21°43'01	16°45	2°46	5°15	26°21	17° 4	27° 1	22°51	13°18	16°50	3°53	4°25	2°40	n.a.	T 23
W24	3 30 47	22°44'20	0♏56	4°10	6°20	26°59	16°59	27° 7	22°52	13°19	16°49	3°52	4°22	2°47	n.a.	W24
T 25	3 34 44	23°45'39	15°29	5°35	7°25	27°38	16°54	27°14	22°52	13°20	16°48	3°51	4°19	2°53	n.a.	T 25
F 26	3 38 40	24°46'59	0♐17	7° 0	8°31	28°16	16°49	27°20	22°53	13°21	16°48	3°D51	4°16	3° 0	n.a.	F 26
S 27	3 42 37	25°48'18	15°13	8°26	9°37	28°54	16°44	27°26	22°54	13°22	16°47	3°51	4°13	3° 7	n.a.	S 27
S 28	3 46 34	26°49'37	0♑10	9°53	10°44	29°33	16°39	27°33	22°54	13°23	16°46	3°51	4° 9	3°13	n.a.	S 28
M29	3 50 30	27°50'56	14°59	11°21	11°50	0♎11	16°35	27°40	22°55	13°24	16°45	3°52	4° 6	3°20	n.a.	M29
T 30	3 54 27	28♏52'14	29♑33	12♏49	12♎57	0♎49	16♈30	27♐46	22♒56	13♍25	16♋44	3♊52	4♊ 3	3♋27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s23	26s23	2s40	3s22	2n24	7n53	1n 8	8n18	1n21	6n31	1s22	23s49	0s 6	14s52	0s48	8n30	1n47	32n55	10n17	21n20	21n34	25n58		n.a.
T 2	11 45	26 3	3 41	3 10	2 31	7 36	1 13	8 3	1 21	6 29	1 22	23 50	0 6	14 52	0 48	8 29	1 47	32 55	10 17	21 21	21 34	25 59		n.a.
W 3	12 7	24 3	4 28	3 4	2 36	7 19	1 19	7 48	1 21	6 26	1 22	23 50	0 6	14 53	0 48	8 29	1 47	32 55	10 18	21 21	21 33	26 0		n.a.
T 4	12 28	20 39	4 59	3 3	2 39	7 2	1 24	7 33	1 21	6 23	1 21	23 50	0 6	14 53	0 48	8 28	1 47	32 56	10 18	21 21	21 33	26 0		n.a.
F 5	12 49	16 10	5 12	3 7	2 40	6 43	1 29	7 18	1 21	6 20	1 21	23 50	0 6	14 53	0 48	8 27	1 47	32 56	10 18	21 20	21 32	26 1		n.a.
S 6	13 10	10 58	5 8	3 17	2 41	6 25	1 34	7 3	1 21	6 17	1 21	23 51	0 7	14 53	0 48	8 27	1 47	32 57	10 19	21 19	21 32	26 2		n.a.
S 7	13 31	5 20	4 47	3 30	2 40	6 6	1 39	6 48	1 21	6 15	1 21	23 51	0 7	14 53	0 48	8 26	1 47	32 57	10 19	21 19	21 31	26 3		n.a.
M 8	13 52	0n26	4 12	3 47	2 38	5 46	1 44	6 32	1 21	6 12	1 21	23 51	0 7	14 53	0 48	8 26	1 47	32 57	10 20	21 18	21 30	26 3		n.a.
T 9	14 12	6 6	3 24	4 7	2 35	5 26	1 48	6 17	1 21	6 9	1 20	23 51	0 7	14 53	0 48	8 25	1 47	32 58	10 20	21 17	21 30	26 4		n.a.
W10	14 32	11 26	2 27	4 30	2 31	5 6	1 52	6 2	1 21	6 7	1 20	23 52	0 7	14 53	0 48	8 25	1 47	32 58	10 20	21 16	21 29	26 5		n.a.
T 11	14 52	16 14	1 24	4 55	2 27	4 45	1 56	5 47	1 21	6 4	1 20	23 52	0 7	14 53	0 48	8 24	1 47	32 59	10 21	21 16	21 29	26 6		n.a.
F 12	15 12	20 18	0 18	5 22	2 22	4 24	2 0	5 32	1 21	6 2	1 20	23 52	0 7	14 53	0 48	8 24	1 47	32 59	10 21	21 15	21 28	26 6		n.a.
S 13	15 31	23 28	0n48	5 51	2 17	4 3	2 4	5 16	1 21	5 59	1 20	23 52	0 7	14 53	0 48	8 23	1 47	32 59	10 21	21 16	21 28	26 7		n.a.
S 14	15 50	25 33	1 51	6 22	2 11	3 41	2 7	5 1	1 21	5 57	1 19	23 53	0 7	14 53	0 48	8 23	1 47	33 0	10 22	21 16	21 27	26 8		n.a.
M15	16 9	26 29	2 50	6 54	2 5	3 19	2 10	4 46	1 21	5 54	1 19	23 53	0 7	14 53	0 48	8 22	1 47	33 0	10 22	21 16	21 26	26 8		n.a.
T 16	16 28	26 13	3 41	7 27	1 59	2 56	2 13	4 30	1 21	5 52	1 19	23 53	0 7	14 53	0 47	8 22	1 47	33 1	10 22	21 16	21 26	26 9		n.a.
W17	16 46	24 45	4 23	8 1	1 52	2 33	2 16	4 15	1 21	5 50	1 19	23 53	0 7	14 53	0 47	8 21	1 47	33 1	10 23	21 17	21 25	26 10		n.a.
T 18	17 4	22 9	4 54	8 35	1 45	2 10	2 19	3 59	1 21	5 48	1 18	23 54	0 7	14 52	0 47	8 21	1 47	33 1	10 23	21 17	21 25	26 10		n.a.
F 19	17 21	18 33	5 12	9 10	1 38	1 47	2 22	3 44	1 21	5 46	1 18	23 54	0 7	14 52	0 47	8 20	1 47	33 2	10 23	21 17	21 24	26 11		n.a.
S 20	17 39	14 3	5 16	9 46	1 31	1 23	2 24	3 28	1 21	5 43	1 18	23 54	0 8	14 52	0 47	8 20	1 48	33 2	10 24	21 17	21 23	26 12		n.a.
S 21	17 56	8 49	5 5	10 21	1 23	0 59	2 26	3 13	1 21	5 41	1 17	23 54	0 8	14 52	0 47	8 20	1 48	33 3	10 24	21 16	21 23	26 12		n.a.
M22	18 12	3 1	4 37	10 57	1 16	0 35	2 28	2 58	1 21	5 39	1 17	23 55	0 8	14 52	0 47	8 19	1 48	33 3	10 25	21 16	21 22	26 13		n.a.
T 23	18 29	3s 7	3 53	11 33	1 9	0 11	2 30	2 42	1 21	5 38	1 17	23 55	0 8	14 51	0 47	8 19	1 48	33 4	10 25	21 16	21 22	26 14		n.a.
W24	18 45	9 17	2 53	12 9	1 1	0s14	2 32	2 27	1 21	5 36	1 17	23 55	0 8	14 51	0 47	8 19	1 48	33 4	10 25	21 15	21 21	26 14		n.a.
T 25	19 0	15 8	1 40	12 45	0 54	0 39	2 34	2 11	1 20	5 34	1 16	23 55	0 8	14 51	0 47	8 18	1 48	33 4	10 26	21 15	21 20	26 15		n.a.
F 26	19 16	20 13	0 20	13 20	0 46	1 4	2 35	1 55	1 20	5 32	1 16	23 55	0 8	14 51	0 47	8 18	1 48	33 5	10 26	21 15	21 20	26 16		n.a.
S 27	19 31	24 1	1s 3	13 56	0 39	1 29	2 36	1 40	1 20	5 31	1 16	23 56	0 8	14 50	0 47	8 18	1 48	33 5	10 26	21 15	21 19	26 16		n.a.
S 28	19 45	26 10	2 21	14 31	0 31	1 54	2 38	1 24	1 20	5 29	1 16	23 56	0 8	14 50	0 47	8 17	1 48	33 6	10 26	21 15	21 19	26 17		n.a.
M29	20 0	26 26	3 29	15 6	0 24	2 19	2 39	1 9	1 20	5 28	1 15	23 56	0 8	14 50	0 47	8 17	1 48	33 6	10 27	21 15	21 18	26 17		n.a.
T 30	20s13	24s50	4s23	15s40	0n16	2s45	2n40	0n53	1n20	5n26	1s15	23s56	0s 8	14s49	0s47	8n17	1n48	33n 7	10n27	21n15	21n17	26n18		n.a.

Julian Day Number = 1351363.5, Delta T = 07h07m01s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'46, Lahiri = -17°56'45 Julian Calendar 1 Nov. 1014 BCE == Greg. Calendar 22 Oct. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1014 BCE
geocentric

DECEMBER 1014 BCE (-1013) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 58 23	29♏53'31	13♒50	14♏18	14♎ 4	1♎27	16°R26	27♐53	22♒57	13♍26	16°R43	3♊53	4♊ 0	3♋33	n.a.	W 1
T 2	4 2 20	0♐54'48	27°46	15°47	15°11	2° 5	16♈22	28° 0	22°58	13°27	16♋42	3°R53	3°57	3°40	n.a.	T 2
F 3	4 6 16	1°56'04	11♓21	17°17	16°19	2°44	16°19	28° 6	22°59	13°27	16°42	3°53	3°54	3°47	n.a.	F 3
S 4	4 10 13	2°57'20	24°36	18°47	17°27	3°22	16°15	28°13	23° 0	13°28	16°41	3°53	3°50	3°53	n.a.	S 4
S 5	4 14 10	3°58'34	7♈34	20°18	18°34	4° 0	16°12	28°20	23° 2	13°29	16°40	3°D53	3°47	4° 0	n.a.	S 5
M 6	4 18 6	4°59'48	20°16	21°49	19°42	4°38	16° 9	28°27	23° 3	13°30	16°39	3°53	3°44	4° 7	n.a.	M 6
T 7	4 22 3	6° 1'01	2♉44	23°21	20°50	5°16	16° 6	28°33	23° 4	13°30	16°37	3°53	3°41	4°13	n.a.	T 7
W 8	4 25 59	7° 2'14	15° 1	24°53	21°59	5°54	16° 3	28°40	23° 5	13°31	16°36	3°53	3°38	4°20	n.a.	W 8
T 9	4 29 56	8° 3'25	27° 9	26°26	23° 7	6°32	16° 0	28°47	23° 7	13°31	16°35	3°53	3°34	4°27	n.a.	T 9
F 10	4 33 52	9° 4'37	9♊ 9	27°59	24°16	7°11	15°58	28°54	23° 8	13°32	16°34	3°R53	3°31	4°33	n.a.	F 10
S 11	4 37 49	10° 5'47	21° 3	29°32	25°25	7°49	15°56	29° 1	23°10	13°32	16°33	3°53	3°28	4°40	n.a.	S 11
S 12	4 41 45	11° 6'57	2♋54	1♐ 6	26°34	8°27	15°54	29° 8	23°11	13°33	16°32	3°52	3°25	4°47	n.a.	S 12
M13	4 45 42	12° 8'06	14°42	2°41	27°43	9° 5	15°52	29°15	23°13	13°33	16°31	3°51	3°22	4°53	n.a.	M13
T 14	4 49 39	13° 9'14	26°32	4°16	28°52	9°43	15°51	29°22	23°14	13°34	16°30	3°50	3°19	5° 0	n.a.	T 14
W15	4 53 35	14°10'22	8♌26	5°52	0♏ 2	10°21	15°49	29°29	23°16	13°34	16°28	3°49	3°15	5° 7	n.a.	W15
T 16	4 57 32	15°11'29	20°27	7°28	1°11	10°59	15°48	29°36	23°18	13°34	16°27	3°47	3°12	5°13	n.a.	T 16
F 17	5 1 28	16°12'36	2♍39	9° 5	2°21	11°37	15°47	29°43	23°19	13°35	16°26	3°46	3° 9	5°20	n.a.	F 17
S 18	5 5 25	17°13'41	15° 7	10°43	3°31	12°15	15°46	29°50	23°21	13°35	16°25	3°D46	3° 6	5°27	n.a.	S 18
S 19	5 9 21	18°14'46	27°54	12°21	4°41	12°53	15°46	29°58	23°23	13°35	16°23	3°46	3° 3	5°33	n.a.	S 19
M20	5 13 18	19°15'50	11♎ 5	13°59	5°51	13°31	15°46	0♑ 5	23°25	13°35	16°22	3°47	3° 0	5°40	n.a.	M20
T 21	5 17 15	20°16'53	24°42	15°39	7° 1	14° 9	15°D45	0°12	23°27	13°36	16°21	3°48	2°56	5°47	n.a.	T 21
W22	5 21 11	21°17'56	8♏46	17°19	8°11	14°47	15°46	0°19	23°29	13°36	16°20	3°49	2°53	5°53	n.a.	W22
T 23	5 25 8	22°18'58	23°17	18°59	9°21	15°25	15°46	0°26	23°31	13°36	16°18	3°50	2°50	6° 0	n.a.	T 23
F 24	5 29 4	23°19'59	8♐ 9	20°41	10°32	16° 3	15°46	0°33	23°33	13°36	16°17	3°R50	2°47	6° 7	n.a.	F 24
S 25	5 33 1	24°20'58	23°17	22°23	11°42	16°41	15°47	0°41	23°35	13°R36	16°16	3°50	2°44	6°13	n.a.	S 25
S 26	5 36 57	25°21'57	8♑32	24° 5	12°53	17°19	15°48	0°48	23°37	13°36	16°14	3°48	2°40	6°20	n.a.	S 26
M27	5 40 54	26°22'54	23°42	25°49	14° 4	17°56	15°49	0°55	23°39	13°36	16°13	3°45	2°37	6°27	n.a.	M27
T 28	5 44 50	27°23'50	8♒39	27°33	15°15	18°34	15°50	1° 2	23°41	13°36	16°11	3°41	2°34	6°33	n.a.	T 28
W29	5 48 47	28°24'44	23°15	29°18	16°25	19°12	15°52	1° 9	23°43	13°36	16°10	3°38	2°31	6°40	n.a.	W29
T 30	5 52 44	29°25'36	7♓25	1♑ 3	17°36	19°50	15°54	1°17	23°46	13°36	16° 9	3°36	2°28	6°47	n.a.	T 30
F 31	5 56 40	0♑26'27	21♓ 7	2♑49	18♏47	20♎28	15♈56	1♑24	23♒48	13♍35	16♋ 7	3♊34	2♊25	6♋53	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s27	21s41	4s59	16s14	0n 9	3s11	2n40	0n38	1n20	5n25	1s15	23s56	0s 8	14s49	0s47	8n16	1n48	33n 7	10n27	21n15	21n17	26n19			n.a.
T 2	20 40	17 22	5 16	16 47	0 2	3 36	2 41	0 22	1 20	5 24	1 14	23 57	0 8	14 49	0 47	8 16	1 48	33 7	10 28	21 16	21 16	26 19			n.a.
F 3	20 52	12 16	5 15	17 20	0s 5	4 2	2 41	0 7	1 20	5 23	1 14	23 57	0 8	14 48	0 47	8 16	1 48	33 8	10 28	21 16	21 16	26 20			n.a.
S 4	21 5	6 43	4 57	17 52	0 12	4 28	2 42	0s 9	1 20	5 21	1 14	23 57	0 9	14 48	0 47	8 16	1 48	33 8	10 28	21 15	21 15	26 20			n.a.
S 5	21 17	1 0	4 25	18 24	0 19	4 54	2 42	0 24	1 19	5 20	1 13	23 57	0 9	14 47	0 47	8 15	1 49	33 9	10 29	21 15	21 14	26 21			n.a.
M 6	21 28	4n39	3 40	18 55	0 25	5 20	2 42	0 40	1 19	5 19	1 13	23 57	0 9	14 47	0 47	8 15	1 49	33 9	10 29	21 15	21 14	26 21			n.a.
T 7	21 39	10 2	2 45	19 25	0 32	5 46	2 42	0 55	1 19	5 19	1 13	23 57	0 9	14 47	0 47	8 15	1 49	33 10	10 29	21 16	21 13	26 22			n.a.
W 8	21 50	14 58	1 43	19 54	0 38	6 12	2 42	1 11	1 19	5 18	1 12	23 57	0 9	14 46	0 47	8 15	1 49	33 10	10 29	21 16	21 13	26 23			n.a.
T 9	22 0	19 13	0 37	20 23	0 45	6 38	2 41	1 26	1 19	5 17	1 12	23 58	0 9	14 46	0 47	8 15	1 49	33 10	10 30	21 16	21 12	26 23			n.a.
F 10	22 10	22 39	0n29	20 51	0 51	7 4	2 41	1 41	1 19	5 16	1 12	23 58	0 9	14 45	0 47	8 15	1 49	33 11	10 30	21 16	21 11	26 24			n.a.
S 11	22 19	25 4	1 34	21 17	0 57	7 30	2 41	1 57	1 18	5 16	1 12	23 58	0 9	14 45	0 47	8 14	1 49	33 11	10 30	21 16	21 11	26 24			n.a.
S 12	22 28	26 21	2 34	21 43	1 2	7 55	2 40	2 12	1 18	5 15	1 11	23 58	0 9	14 44	0 46	8 14	1 49	33 12	10 31	21 15	21 10	26 25			n.a.
M13	22 36	26 26	3 28	22 8	1 8	8 21	2 39	2 28	1 18	5 15	1 11	23 58	0 9	14 43	0 46	8 14	1 49	33 12	10 31	21 15	21 10	26 25			n.a.
T 14	22 44	25 18	4 12	22 32	1 13	8 47	2 38	2 43	1 18	5 15	1 11	23 58	0 9	14 43	0 46	8 14	1 49	33 13	10 31	21 15	21 9	26 26			n.a.
W15	22 52	23 2	4 46	22 55	1 18	9 13	2 37	2 58	1 18	5 15	1 10	23 58	0 9	14 42	0 46	8 14	1 49	33 13	10 31	21 15	21 8	26 26			n.a.
T 16	22 59	19 45	5 8	23 16	1 23	9 38	2 36	3 14	1 18	5 14	1 10	23 58	0 9	14 42	0 46	8 14	1 49	33 13	10 32	21 14	21 8	26 27			n.a.
F 17	23 5	15 36	5 17	23 37	1 28	10 3	2 35	3 29	1 17	5 14	1 10	23 59	0 10	14 41	0 46	8 14	1 49	33 14	10 32	21 14	21 7	26 27			n.a.
S 18	23 12	10 43	5 11	23 56	1 32	10 29	2 34	3 44	1 17	5 14	1 9	23 59	0 10	14 40	0 46	8 14	1 49	33 14	10 32	21 14	21 6	26 28			n.a.
S 19	23 17	5 15	4 49	24 13	1 36	10 54	2 32	3 59	1 17	5 14	1 9	23 59	0 10	14 40	0 46	8 14	1 49	33 15	10 32	21 14	21 6	26 28			n.a.
M20	23 22	0s36	4 12	24 30	1 40	11 19	2 31	4 14	1 17	5 15	1 9	23 59	0 10	14 39	0 46	8 14	1 50	33 15	10 32	21 14	21 5	26 28			n.a.
T 21	23 27	6 37	3 20	24 45	1 44	11 43	2 29	4 30	1 16	5 15	1 8	23 59	0 10	14 39	0 46	8 14	1 50	33 15	10 33	21 15	21 5	26 29			n.a.
W22	23 32	12 32	2 14	24 59	1 47	12 8	2 28	4 45	1 16	5 15	1 8	23 59	0 10	14 38	0 46	8 14	1 50	33 16	10 33	21 15	21 4	26 29			n.a.
T 23	23 35	17 57	0 58	25 11	1 50	12 32	2 26	5 0	1 16	5 16	1 8	23 59	0 10	14 37	0 46	8 14	1 50	33 16	10 33	21 15	21 3	26 30			n.a.
F 24	23 39	22 24	0s24	25 21	1 53	12 56	2 24	5 15	1 16	5 16	1 7	23 59	0 10	14 36	0 46	8 14	1 50	33 16	10 33	21 15	21 3	26 30			n.a.
S 25	23 42	25 24	1 45	25 30	1 55	13 20	2 22	5 30	1 15	5 17	1 7	23 59	0 10	14 36	0 46	8 14	1 50	33 17	10 34	21 15	21 2	26 31			n.a.
S 26	23 44	26 32	3 0	25 38	1 57	13 44	2 20	5 45	1 15	5 17	1 7	23 59	0 10	14 35	0 46	8 14	1 50	33 17	10 34	21 15	21 1	26 31			n.a.
M27	23 46	25 40	4 1	25 43	1 58	14 7	2 18	6 0	1 15	5 18	1 6	23 59	0 10	14 34	0 46	8 14	1 50	33 18	10 34	21 14	21 1	26 31			n.a.
T 28	23 47	22 58	4 45	25 47	2 0	14 30	2 16	6 15	1 15	5 19	1 6	23 59	0 10	14 33	0 46	8 14	1 50	33 18	10 34	21 13	21 0	26 32			n.a.
W29	23 48	18 50	5 9	25 49	2 0	14 53	2 13	6 29	1 14	5 20	1 6	23 59	0 10	14 33	0 46	8 14	1 50	33 18	10 34	21 13	21 0	26 32			n.a.
T 30	23 49	13 46	5 14	25 49	2 0	15 15	2 11	6 44	1 14	5 21	1 5	23 59	0 10	14 32	0 46	8 14	1 50	33 19	10 34	21 12	20 59	26 33			n.a.
F 31	23s49	8s 9	5s 0	25s47	2s 0	15s37	2n 9	6s59	1n14	5n22	1s 5	23s59	0s11	14s31	0s46	8n15	1n50	33n19	10n35	21n12	20n58	26n33			n.a.

Julian Day Number = 1351393.5, Delta T = 07h07m00s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'42, Lahiri = -17°56'41 Julian Calendar 1 Dec. 1014 BCE == Greg. Calendar 21 Nov. 1014 BCE

The year -1013 astronomical counting style corresponds to year 1014 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

JANUARY 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 37	1♉27'15	4♈23	4♉36	19♏59	21♎ 5	15♈58	1♉31	23♒50	13°R35	16°R 6	3°D34	2♊21	7♋ 0	n.a.	S 1
S 2	6 4 33	2°28'02	17°16	6°24	21°10	21°43	16° 0	1°38	23°53	13♍35	16♋ 4	3♊35	2°18	7° 7	n.a.	S 2
M 3	6 8 30	3°28'48	29°49	8°12	22°21	22°21	16° 3	1°46	23°55	13°35	16° 3	3°36	2°15	7°13	n.a.	M 3
T 4	6 12 26	4°29'31	12♉ 5	10° 0	23°32	22°58	16° 5	1°53	23°58	13°34	16° 1	3°38	2°12	7°20	n.a.	T 4
W 5	6 16 23	5°30'13	24°10	11°49	24°44	23°36	16° 8	2° 0	24° 0	13°34	16° 0	3°39	2° 9	7°27	n.a.	W 5
T 6	6 20 19	6°30'53	6♊ 7	13°39	25°55	24°13	16°11	2° 7	24° 3	13°34	15°59	3°R40	2° 6	7°33	n.a.	T 6
F 7	6 24 16	7°31'32	17°59	15°28	27° 6	24°51	16°15	2°15	24° 5	13°33	15°57	3°39	2° 2	7°40	n.a.	F 7
S 8	6 28 13	8°32'09	29°48	17°18	28°18	25°29	16°18	2°22	24° 8	13°33	15°56	3°36	1°59	7°47	n.a.	S 8
S 9	6 32 9	9°32'44	11♋37	19° 8	29°29	26° 6	16°22	2°29	24°10	13°32	15°54	3°31	1°56	7°53	n.a.	S 9
M10	6 36 6	10°33'17	23°28	20°57	0♐41	26°44	16°26	2°36	24°13	13°32	15°53	3°25	1°53	8° 0	n.a.	M10
T 11	6 40 2	11°33'49	5♌22	22°46	1°53	27°21	16°30	2°43	24°16	13°31	15°51	3°18	1°50	8° 7	n.a.	T 11
W12	6 43 59	12°34'19	17°22	24°35	3° 4	27°59	16°34	2°51	24°18	13°31	15°50	3°10	1°46	8°13	n.a.	W12
T 13	6 47 55	13°34'47	29°29	26°22	4°16	28°36	16°38	2°58	24°21	13°30	15°48	3° 3	1°43	8°20	n.a.	T 13
F 14	6 51 52	14°35'14	11♍45	28° 8	5°28	29°13	16°43	3° 5	24°24	13°29	15°47	2°57	1°40	8°27	n.a.	F 14
S 15	6 55 48	15°35'39	24°14	29°52	6°40	29°51	16°48	3°12	24°27	13°29	15°45	2°53	1°37	8°33	n.a.	S 15
S 16	6 59 45	16°36'03	6♎59	1♒34	7°52	0♏28	16°52	3°19	24°30	13°28	15°44	2°50	1°34	8°40	n.a.	S 16
M17	7 3 42	17°36'25	20° 2	3°14	9° 4	1° 5	16°58	3°26	24°32	13°27	15°42	2°D50	1°31	8°47	n.a.	M17
T 18	7 7 38	18°36'45	3♏28	4°50	10°16	1°43	17° 3	3°33	24°35	13°27	15°41	2°51	1°27	8°53	n.a.	T 18
W19	7 11 35	19°37'04	17°19	6°22	11°28	2°20	17° 8	3°40	24°38	13°26	15°39	2°52	1°24	9° 0	n.a.	W19
T 20	7 15 31	20°37'22	1♐36	7°50	12°40	2°57	17°14	3°47	24°41	13°25	15°38	2°R52	1°21	9° 7	n.a.	T 20
F 21	7 19 28	21°37'38	16°16	9°13	13°52	3°34	17°20	3°54	24°44	13°24	15°36	2°52	1°18	9°13	n.a.	F 21
S 22	7 23 24	22°37'52	1♑17	10°30	15° 4	4°11	17°26	4° 1	24°47	13°23	15°35	2°49	1°15	9°20	n.a.	S 22
S 23	7 27 21	23°38'04	16°30	11°41	16°16	4°48	17°32	4° 8	24°50	13°22	15°33	2°44	1°12	9°27	n.a.	S 23
M24	7 31 18	24°38'14	1♒45	12°46	17°29	5°25	17°38	4°15	24°53	13°22	15°32	2°37	1° 8	9°33	n.a.	M24
T 25	7 35 14	25°38'23	16°52	13°43	18°41	6° 2	17°44	4°22	24°56	13°21	15°30	2°28	1° 5	9°40	n.a.	T 25
W26	7 39 11	26°38'29	1♓41	14°32	19°53	6°39	17°51	4°29	24°59	13°20	15°29	2°20	1° 2	9°47	n.a.	W26
T 27	7 43 7	27°38'32	16° 4	15°12	21° 5	7°16	17°58	4°36	25° 2	13°19	15°27	2°12	0°59	9°54	n.a.	T 27
F 28	7 47 4	28°38'34	29°57	15°44	22°18	7°53	18° 5	4°43	25° 6	13°18	15°26	2° 6	0°56	10° 0	n.a.	F 28
S 29	7 51 0	29°38'33	13♈21	16° 8	23°30	8°30	18°12	4°50	25° 9	13°17	15°25	2° 3	0°52	10° 7	n.a.	S 29
S 30	7 54 57	0♒38'30	26°18	16°22	24°42	9° 6	18°19	4°57	25°12	13°15	15°23	2°D 1	0°49	10°14	n.a.	S 30
M31	7 58 53	1♒38'24	8♉50	16°R26	25♐55	9♏43	18♈26	5♉ 3	25♒15	13♍14	15♋22	2♊ 2	0♊46	10♋20	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s49	2s21	4s30	25s44	2s 0	15s59	2n 6	7s14	1n13	5n23	1s 5	23s59	0s11	14s30	0s46	8n15	1n50	33n19	10n35	21n12	20n58	26n33		n.a.
S 2	23 48	3n23	3 48	25 38	1 58	16 21	2 4	7 28	1 13	5 24	1 5	23 59	0 11	14 29	0 46	8 15	1 50	33 20	10 35	21 12	20 57	26 34		n.a.
M 3	23 46	8 51	2 55	25 30	1 57	16 42	2 1	7 43	1 13	5 25	1 4	23 59	0 11	14 29	0 46	8 15	1 50	33 20	10 35	21 12	20 56	26 34		n.a.
T 4	23 44	13 52	1 56	25 20	1 54	17 2	1 59	7 57	1 12	5 27	1 4	23 59	0 11	14 28	0 46	8 15	1 51	33 20	10 35	21 13	20 56	26 34		n.a.
W 5	23 42	18 16	0 52	25 8	1 52	17 23	1 56	8 12	1 12	5 28	1 4	23 59	0 11	14 27	0 46	8 15	1 51	33 21	10 35	21 13	20 55	26 35		n.a.
T 6	23 39	21 53	0n13	24 54	1 48	17 42	1 53	8 26	1 11	5 30	1 3	23 59	0 11	14 26	0 46	8 16	1 51	33 21	10 36	21 13	20 54	26 35		n.a.
F 7	23 36	24 33	1 18	24 37	1 44	18 2	1 50	8 40	1 11	5 31	1 3	23 59	0 11	14 25	0 46	8 16	1 51	33 21	10 36	21 13	20 54	26 35		n.a.
S 8	23 32	26 7	2 18	24 19	1 39	18 21	1 48	8 55	1 11	5 33	1 3	23 59	0 11	14 24	0 46	8 16	1 51	33 22	10 36	21 12	20 53	26 36		n.a.
S 9	23 28	26 29	3 12	23 58	1 34	18 39	1 45	9 9	1 10	5 35	1 2	23 59	0 11	14 23	0 46	8 16	1 51	33 22	10 36	21 11	20 52	26 36		n.a.
M10	23 23	25 39	3 58	23 36	1 28	18 57	1 42	9 23	1 10	5 36	1 2	23 59	0 11	14 22	0 46	8 17	1 51	33 22	10 36	21 10	20 52	26 36		n.a.
T 11	23 18	23 39	4 34	23 11	1 21	19 15	1 39	9 37	1 9	5 38	1 2	23 59	0 11	14 21	0 46	8 17	1 51	33 23	10 36	21 9	20 51	26 37		n.a.
W12	23 13	20 35	4 58	22 45	1 13	19 32	1 36	9 51	1 9	5 40	1 1	23 59	0 11	14 20	0 45	8 17	1 51	33 23	10 36	21 7	20 51	26 37		n.a.
T 13	23 7	16 38	5 9	22 16	1 5	19 49	1 33	10 5	1 8	5 42	1 1	23 59	0 12	14 20	0 45	8 17	1 51	33 23	10 36	21 6	20 50	26 37		n.a.
F 14	23 0	11 58	5 6	21 46	0 56	20 5	1 30	10 19	1 8	5 44	1 1	23 58	0 12	14 19	0 45	8 18	1 51	33 23	10 36	21 5	20 49	26 37		n.a.
S 15	22 53	6 43	4 48	21 15	0 46	20 21	1 27	10 32	1 8	5 46	1 1	23 58	0 12	14 18	0 45	8 18	1 51	33 24	10 36	21 4	20 49	26 38		n.a.
S 16	22 46	1 6	4 17	20 42	0 35	20 36	1 23	10 46	1 7	5 48	1 0	23 58	0 12	14 17	0 45	8 18	1 51	33 24	10 37	21 3	20 48	26 38		n.a.
M17	22 38	4s43	3 31	20 8	0 24	20 50	1 20	11 0	1 7	5 51	1 0	23 58	0 12	14 16	0 45	8 19	1 51	33 24	10 37	21 3	20 47	26 38		n.a.
T 18	22 30	10 29	2 32	19 33	0 12	21 4	1 17	11 13	1 6	5 53	1 0	23 58	0 12	14 15	0 45	8 19	1 51	33 25	10 37	21 3	20 47	26 38		n.a.
W19	22 21	15 57	1 23	18 57	0n 1	21 18	1 14	11 27	1 6	5 55	0 59	23 58	0 12	14 14	0 45	8 19	1 51	33 25	10 37	21 4	20 46	26 39		n.a.
T 20	22 12	20 42	0 7	18 22	0 15	21 30	1 11	11 40	1 5	5 58	0 59	23 58	0 12	14 13	0 45	8 20	1 52	33 25	10 37	21 4	20 45	26 39		n.a.
F 21	22 3	24 17	1s12	17 46	0 29	21 43	1 7	11 54	1 4	6 0	0 59	23 58	0 12	14 12	0 45	8 20	1 52	33 25	10 37	21 4	20 45	26 39		n.a.
S 22	21 53	26 16	2 27	17 11	0 43	21 54	1 4	12 7	1 4	6 3	0 59	23 58	0 12	14 10	0 45	8 21	1 52	33 26	10 37	21 3	20 44	26 39		n.a.
S 23	21 43	26 18	3 33	16 37	0 58	22 5	1 1	12 20	1 3	6 5	0 58	23 57	0 12	14 9	0 45	8 21	1 52	33 26	10 37	21 2	20 43	26 39		n.a.
M24	21 32	24 21	4 23	16 5	1 13	22 16	0 58	12 33	1 3	6 8	0 58	23 57	0 12	14 8	0 45	8 21	1 52	33 26	10 37	21 1	20 43	26 40		n.a.
T 25	21 21	20 42	4 55	15 34	1 29	22 26	0 54	12 46	1 2	6 11	0 58	23 57	0 13	14 7	0 45	8 22	1 52	33 26	10 37	20 59	20 42	26 40		n.a.
W26	21 9	15 48	5 6	15 5	1 44	22 35	0 51	12 59	1 2	6 14	0 57	23 57	0 13	14 6	0 45	8 22	1 52	33 26	10 37	20 57	20 41	26 40		n.a.
T 27	20 58	10 8	4 57	14 38	1 59	22 43	0 48	13 12	1 1	6 17	0 57	23 57	0 13	14 5	0 45	8 23	1 52	33 27	10 37	20 56	20 41	26 40		n.a.
F 28	20 45	4 9	4 31	14 14	2 14	22 51	0 44	13 24	1 0	6 19	0 57	23 57	0 13	14 4	0 45	8 23	1 52	33 27	10 37	20 55	20 40	26 40		n.a.
S 29	20 33	1n49	3 51	13 53	2 29	22 58	0 41	13 37	1 0	6 22	0 57	23 57	0 13	14 3	0 45	8 24	1 52	33 27	10 37	20 54	20 39	26 40		n.a.
S 30	20 20	7 31	2 59	13 36	2 43	23 5	0 38	13 50	0 59	6 25	0 56	23 56	0 13	14 2	0 45	8 24	1 52	33 27	10 37	20 54	20 39	26 41		n.a.
M31	20s 6	12n46	2s 1	13s22	2n56	23s11	0n34	14s 2	0n58	6n29	0s56	23s56	0s13	14s 1	0s45	8n25	1n52	33n27	10n37	20n54	20n38	26n41		n.a.

Julian Day Number = 1351424.5, Delta T = 07h06m58s
Ecliptic obliquity = 23°49'01, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'37, Lahiri = -17°56'37 Julian Calendar 1 Jan. 1013 BCE == Greg. Calendar 22 Dec. 1014 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

FEBRUARY 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 2 50	2♒38'16	21♉ 4	16°R22	27♐ 7	10♏20	18♈34	5♑10	25♒18	13°R13	15°R20	2♊ 2	0♊43	10♋27	n.a.	T 1
W 2	8 6 46	3°38'06	3♊ 5	16♒ 9	28°20	10°56	18°41	5°17	25°21	13♍12	15♋19	2°R 3	0°40	10°34	n.a.	W 2
T 3	8 10 43	4°37'53	14°57	15°48	29°32	11°33	18°49	5°23	25°25	13°11	15°17	2° 2	0°37	10°40	n.a.	T 3
F 4	8 14 40	5°37'38	26°45	15°19	0♑44	12° 9	18°57	5°30	25°28	13°10	15°16	1°59	0°33	10°47	n.a.	F 4
S 5	8 18 36	6°37'21	8♋33	14°43	1°57	12°45	19° 5	5°36	25°31	13° 8	15°15	1°53	0°30	10°54	n.a.	S 5
S 6	8 22 33	7°37'02	20°23	14° 1	3° 9	13°22	19°13	5°43	25°35	13° 7	15°13	1°45	0°27	11° 0	n.a.	S 6
M 7	8 26 29	8°36'40	2♌19	13°13	4°22	13°58	19°22	5°50	25°38	13° 6	15°12	1°34	0°24	11° 7	n.a.	M 7
T 8	8 30 26	9°36'16	14°21	12°22	5°34	14°34	19°30	5°56	25°41	13° 5	15°11	1°21	0°21	11°14	n.a.	T 8
W 9	8 34 22	10°35'50	26°31	11°28	6°47	15°11	19°39	6° 2	25°44	13° 3	15° 9	1° 8	0°18	11°20	n.a.	W 9
T 10	8 38 19	11°35'22	8♍49	10°32	8° 0	15°47	19°47	6° 9	25°48	13° 2	15° 8	0°56	0°14	11°27	n.a.	T 10
F 11	8 42 15	12°34'52	21°17	9°36	9°12	16°23	19°56	6°15	25°51	13° 1	15° 7	0°45	0°11	11°34	n.a.	F 11
S 12	8 46 12	13°34'20	3♎56	8°41	10°25	16°59	20° 5	6°21	25°54	12°59	15° 5	0°37	0° 8	11°40	n.a.	S 12
S 13	8 50 9	14°33'45	16°47	7°48	11°37	17°35	20°14	6°28	25°58	12°58	15° 4	0°31	0° 5	11°47	n.a.	S 13
M14	8 54 5	15°33'09	29°53	6°58	12°50	18°10	20°24	6°34	26° 1	12°57	15° 3	0°28	0° 2	11°54	n.a.	M14
T 15	8 58 2	16°32'31	13♏15	6°11	14° 3	18°46	20°33	6°40	26° 5	12°55	15° 2	0°D27	29♉58	12° 0	n.a.	T 15
W16	9 1 58	17°31'52	26°57	5°29	15°15	19°22	20°42	6°46	26° 8	12°54	15° 0	0°R27	29°55	12° 7	n.a.	W16
T 17	9 5 55	18°31'10	11♐ 0	4°52	16°28	19°58	20°52	6°52	26°11	12°52	14°59	0°27	29°52	12°14	n.a.	T 17
F 18	9 9 51	19°30'27	25°23	4°20	17°41	20°33	21° 2	6°58	26°15	12°51	14°58	0°25	29°49	12°20	n.a.	F 18
S 19	9 13 48	20°29'41	10♑ 5	3°54	18°53	21° 9	21°11	7° 4	26°18	12°49	14°57	0°21	29°46	12°27	n.a.	S 19
S 20	9 17 44	21°28'54	25° 0	3°33	20° 6	21°44	21°21	7°10	26°21	12°48	14°56	0°14	29°43	12°34	n.a.	S 20
M21	9 21 41	22°28'04	10♒ 1	3°18	21°19	22°19	21°31	7°16	26°25	12°46	14°55	0° 4	29°39	12°41	n.a.	M21
T 22	9 25 37	23°27'13	24°59	3°10	22°32	22°55	21°41	7°21	26°28	12°45	14°53	29♉53	29°36	12°47	n.a.	T 22
W23	9 29 34	24°26'19	9♓44	3°D 7	23°44	23°30	21°52	7°27	26°32	12°43	14°52	29°41	29°33	12°54	n.a.	W23
T 24	9 33 31	25°25'23	24° 8	3° 9	24°57	24° 5	22° 2	7°33	26°35	12°42	14°51	29°31	29°30	13° 1	n.a.	T 24
F 25	9 37 27	26°24'24	8♈ 6	3°17	26°10	24°40	22°12	7°38	26°39	12°40	14°50	29°22	29°27	13° 7	n.a.	F 25
S 26	9 41 24	27°23'24	21°35	3°30	27°23	25°15	22°23	7°44	26°42	12°39	14°49	29°16	29°24	13°14	n.a.	S 26
S 27	9 45 20	28°22'20	4♉36	3°49	28°35	25°49	22°33	7°49	26°45	12°37	14°48	29°12	29°20	13°21	n.a.	S 27
M28	9 49 17	29°21'15	17°13	4°12	29°48	26°24	22°44	7°55	26°49	12°36	14°47	29°11	29°17	13°27	n.a.	M28
T 29	9 53 13	0♓20'07	29♉29	4♒39	1♒ 1	26♏59	22♈55	8♑ 0	26♒52	12♍34	14♋46	29♉11	29♉14	13♋34	n.a.	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s53	17n22	0s58	13s11	3n 8	23s16	0n31	14s14	0n58	6n32	0s56	23s56	0s13	14s 0	0s45	8n25	1n52	33n27	10n37	20n54	20n37	26n41		n.a.
W 2	19 39	21 12	0n 6	13 5	3 19	23 20	0 28	14 27	0 57	6 35	0 56	23 56	0 13	13 59	0 45	8 26	1 52	33 28	10 37	20 54	20 37	26 41		n.a.
T 3	19 24	24 5	1 8	13 2	3 29	23 24	0 25	14 39	0 56	6 38	0 55	23 56	0 13	13 57	0 45	8 26	1 52	33 28	10 37	20 54	20 36	26 41		n.a.
F 4	19 10	25 54	2 8	13 2	3 37	23 27	0 21	14 51	0 55	6 41	0 55	23 55	0 13	13 56	0 45	8 27	1 52	33 28	10 37	20 53	20 35	26 41		n.a.
S 5	18 55	26 33	3 2	13 7	3 44	23 30	0 18	15 3	0 55	6 45	0 55	23 55	0 13	13 55	0 45	8 27	1 52	33 28	10 37	20 52	20 35	26 41		n.a.
S 6	18 39	25 59	3 48	13 15	3 48	23 32	0 15	15 15	0 54	6 48	0 55	23 55	0 14	13 54	0 45	8 28	1 52	33 28	10 37	20 50	20 34	26 41		n.a.
M 7	18 24	24 14	4 24	13 26	3 51	23 33	0 12	15 26	0 53	6 52	0 54	23 55	0 14	13 53	0 45	8 28	1 52	33 28	10 37	20 48	20 33	26 42		n.a.
T 8	18 8	21 22	4 49	13 39	3 51	23 33	0 9	15 38	0 52	6 55	0 54	23 55	0 14	13 52	0 45	8 29	1 53	33 28	10 37	20 45	20 33	26 42		n.a.
W 9	17 51	17 34	5 1	13 56	3 50	23 33	0 5	15 50	0 51	6 59	0 54	23 54	0 14	13 51	0 45	8 29	1 53	33 29	10 37	20 43	20 32	26 42		n.a.
T 10	17 35	12 59	4 59	14 14	3 47	23 32	0 2	16 1	0 51	7 2	0 54	23 54	0 14	13 49	0 45	8 30	1 53	33 29	10 37	20 40	20 31	26 42		n.a.
F 11	17 18	7 49	4 43	14 34	3 42	23 30	0s 1	16 12	0 50	7 6	0 53	23 54	0 14	13 48	0 45	8 30	1 53	33 29	10 37	20 38	20 31	26 42		n.a.
S 12	17 1	2 16	4 13	14 55	3 35	23 28	0 4	16 24	0 49	7 9	0 53	23 54	0 14	13 47	0 45	8 31	1 53	33 29	10 37	20 36	20 30	26 42		n.a.
S 13	16 43	3s29	3 29	15 17	3 26	23 25	0 7	16 35	0 48	7 13	0 53	23 54	0 14	13 46	0 45	8 31	1 53	33 29	10 36	20 35	20 29	26 42		n.a.
M14	16 26	9 12	2 34	15 40	3 16	23 21	0 10	16 46	0 47	7 17	0 53	23 53	0 14	13 45	0 45	8 32	1 53	33 29	10 36	20 34	20 29	26 42		n.a.
T 15	16 8	14 38	1 30	16 2	3 5	23 17	0 13	16 57	0 46	7 21	0 52	23 53	0 14	13 44	0 45	8 33	1 53	33 29	10 36	20 34	20 28	26 42		n.a.
W16	15 49	19 29	0 19	16 25	2 53	23 11	0 16	17 7	0 45	7 24	0 52	23 53	0 14	13 43	0 45	8 33	1 53	33 29	10 36	20 34	20 27	26 42		n.a.
T 17	15 31	23 22	0s56	16 46	2 40	23 6	0 19	17 18	0 44	7 28	0 52	23 53	0 15	13 41	0 45	8 34	1 53	33 29	10 36	20 34	20 27	26 42		n.a.
F 18	15 12	25 52	2 8	17 7	2 26	22 59	0 22	17 29	0 43	7 32	0 52	23 53	0 15	13 40	0 45	8 34	1 53	33 29	10 36	20 34	20 26	26 42		n.a.
S 19	14 53	26 38	3 13	17 27	2 12	22 52	0 24	17 39	0 42	7 36	0 51	23 52	0 15	13 39	0 45	8 35	1 53	33 29	10 36	20 33	20 25	26 42		n.a.
S 20	14 34	25 30	4 6	17 46	1 57	22 44	0 27	17 50	0 41	7 40	0 51	23 52	0 15	13 38	0 45	8 36	1 53	33 29	10 36	20 31	20 24	26 42		n.a.
M21	14 14	22 32	4 42	18 4	1 42	22 36	0 30	18 0	0 40	7 44	0 51	23 52	0 15	13 37	0 45	8 36	1 53	33 29	10 36	20 29	20 24	26 42		n.a.
T 22	13 55	18 5	4 59	18 20	1 27	22 26	0 33	18 10	0 39	7 48	0 51	23 52	0 15	13 35	0 45	8 37	1 53	33 29	10 36	20 27	20 23	26 42		n.a.
W23	13 35	12 35	4 56	18 35	1 13	22 16	0 35	18 20	0 38	7 52	0 51	23 51	0 15	13 34	0 45	8 37	1 53	33 29	10 35	20 24	20 22	26 42		n.a.
T 24	13 15	6 32	4 34	18 49	0 58	22 6	0 38	18 30	0 37	7 56	0 50	23 51	0 15	13 33	0 45	8 38	1 53	33 29	10 35	20 22	20 22	26 42		n.a.
F 25	12 55	0 20	3 55	19 1	0 44	21 55	0 40	18 40	0 36	8 0	0 50	23 51	0 15	13 32	0 45	8 39	1 53	33 29	10 35	20 20	20 21	26 42		n.a.
S 26	12 34	5n41	3 5	19 11	0 30	21 43	0 43	18 49	0 34	8 4	0 50	23 51	0 15	13 31	0 45	8 39	1 53	33 29	10 35	20 19	20 20	26 42		n.a.
S 27	12 14	11 17	2 6	19 20	0 16	21 31	0 45	18 59	0 33	8 9	0 50	23 50	0 16	13 30	0 45	8 40	1 53	33 29	10 35	20 18	20 20	26 42		n.a.
M28	11 53	16 14	1 3	19 28	0 3	21 17	0 48	19 8	0 32	8 13	0 49	23 50	0 16	13 28	0 45	8 41	1 53	33 29	10 35	20 18	20 19	26 42		n.a.
T 29	11s32	20n23	0n 2	19s33	0s 9	21s 4	0s50	19s18	0n31	8n17	0s49	23s50	0s16	13s27	0s45	8n41	1n53	33n29	10n35	20n18	20n18	26n42		n.a.

Julian Day Number = 1351455.5, Delta T = 07h06m57s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'33, Lahiri = -17°56'33 Julian Calendar 1 Feb. 1013 BCE == Greg. Calendar 22 Jan. 1013 BCE

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

MARCH 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 57 10	1♓18'56	11♊31	5♒11	2♒14	27♏33	23♈ 6	8♉ 5	26♒56	12°R32	14°R45	29°R11	29♉11	13♋41	n.a.	W 1
T 2	10 1 6	2°17'44	23°24	5°47	3°27	28° 7	23°17	8°11	26°59	12♏31	14♋44	29♉ 9	29° 8	13°47	n.a.	T 2
F 3	10 5 3	3°16'29	5♋13	6°27	4°39	28°42	23°28	8°16	27° 2	12°29	14°43	29° 6	29° 4	13°54	n.a.	F 3
S 4	10 9 0	4°15'11	17° 2	7°11	5°52	29°16	23°39	8°21	27° 6	12°28	14°43	29° 0	29° 1	14° 1	n.a.	S 4
S 5	10 12 56	5°13'51	28°56	7°58	7° 5	29°50	23°50	8°26	27° 9	12°26	14°42	28°51	28°58	14° 7	n.a.	S 5
M 6	10 16 53	6°12'29	10♌57	8°48	8°18	0♐24	24° 2	8°31	27°13	12°24	14°41	28°40	28°55	14°14	n.a.	M 6
T 7	10 20 49	7°11'05	23° 8	9°42	9°31	0°57	24°13	8°36	27°16	12°23	14°40	28°28	28°52	14°21	n.a.	T 7
W 8	10 24 46	8° 9'39	5♍30	10°39	10°44	1°31	24°25	8°41	27°19	12°21	14°39	28°14	28°49	14°27	n.a.	W 8
T 9	10 28 42	9° 8'10	18° 4	11°39	11°56	2° 5	24°36	8°45	27°23	12°19	14°39	28° 1	28°45	14°34	n.a.	T 9
F 10	10 32 39	10° 6'40	0♎49	12°41	13° 9	2°38	24°48	8°50	27°26	12°18	14°38	27°50	28°42	14°41	n.a.	F 10
S 11	10 36 35	11° 5'07	13°46	13°46	14°22	3°11	24°59	8°55	27°29	12°16	14°37	27°41	28°39	14°48	n.a.	S 11
S 12	10 40 32	12° 3'33	26°53	14°54	15°35	3°45	25°11	8°59	27°33	12°14	14°36	27°35	28°36	14°54	n.a.	S 12
M13	10 44 28	13° 1'57	10♏12	16° 4	16°48	4°18	25°23	9° 4	27°36	12°13	14°36	27°32	28°33	15° 1	n.a.	M13
T 14	10 48 25	14° 0'19	23°43	17°16	18° 1	4°50	25°35	9° 8	27°39	12°11	14°35	27°D31	28°29	15° 8	n.a.	T 14
W15	10 52 22	14°58'39	7♐27	18°31	19°14	5°23	25°47	9°12	27°43	12°10	14°34	27°31	28°26	15°14	n.a.	W15
T 16	10 56 18	15°56'58	21°24	19°48	20°27	5°56	25°59	9°17	27°46	12° 8	14°34	27°R31	28°23	15°21	n.a.	T 16
F 17	11 0 15	16°55'16	5♑35	21° 7	21°40	6°28	26°11	9°21	27°49	12° 6	14°33	27°29	28°20	15°28	n.a.	F 17
S 18	11 4 11	17°53'32	19°59	22°28	22°53	7° 0	26°23	9°25	27°52	12° 5	14°33	27°26	28°17	15°34	n.a.	S 18
S 19	11 8 8	18°51'46	4♒31	23°52	24° 6	7°33	26°36	9°29	27°56	12° 3	14°32	27°20	28°14	15°41	n.a.	S 19
M20	11 12 4	19°49'58	19° 8	25°17	25°19	8° 5	26°48	9°33	27°59	12° 1	14°32	27°12	28°10	15°48	n.a.	M20
T 21	11 16 1	20°48'09	3♓43	26°44	26°31	8°36	27° 0	9°37	28° 2	12° 0	14°31	27° 2	28° 7	15°54	n.a.	T 21
W22	11 19 57	21°46'17	18° 9	28°13	27°44	9° 8	27°13	9°40	28° 5	11°58	14°31	26°52	28° 4	16° 1	n.a.	W22
T 23	11 23 54	22°44'24	2♈18	29°45	28°57	9°39	27°25	9°44	28° 9	11°57	14°31	26°42	28° 1	16° 8	n.a.	T 23
F 24	11 27 50	23°42'29	16° 7	1♓18	0♓10	10°10	27°38	9°48	28°12	11°55	14°30	26°34	27°58	16°14	n.a.	F 24
S 25	11 31 47	24°40'32	29°31	2°53	1°23	10°41	27°51	9°51	28°15	11°53	14°30	26°29	27°55	16°21	n.a.	S 25
S 26	11 35 44	25°38'34	12♉32	4°29	2°36	11°12	28° 3	9°55	28°18	11°52	14°30	26°26	27°51	16°28	n.a.	S 26
M27	11 39 40	26°36'33	25°10	6° 8	3°49	11°43	28°16	9°58	28°21	11°50	14°29	26°D25	27°48	16°35	n.a.	M27
T 28	11 43 37	27°34'30	7♊28	7°49	5° 2	12°13	28°29	10° 1	28°24	11°49	14°29	26°25	27°45	16°41	n.a.	T 28
W29	11 47 33	28°32'26	19°33	9°31	6°15	12°43	28°42	10° 4	28°27	11°47	14°29	26°26	27°42	16°48	n.a.	W29
T 30	11 51 30	29°30'19	1♋28	11°15	7°28	13°13	28°54	10° 7	28°30	11°46	14°29	26°R27	27°39	16°55	n.a.	T 30
F 31	11 55 26	0♈28'11	13♋18	13♓ 2	8♓41	13♐43	29♈ 7	10♉10	28♒33	11♏44	14♋28	26♉25	27♉35	17♋ 1	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s11	23n35	1n 5	19s37	0s22	20s50	0s52	19s27	0n30	8n21	0s49	23s50	0s16	13s26	0s45	8n42	1n53	33n29	10n34	20n17	20n17	26n42			n.a.
T 2	10 49	25 43	2 4	19 40	0 33	20 35	0 55	19 36	0 28	8 26	0 49	23 50	0 16	13 25	0 45	8 43	1 53	33 29	10 34	20 17	20 17	26 42			n.a.
F 3	10 28	26 41	2 58	19 40	0 44	20 19	0 57	19 45	0 27	8 30	0 49	23 49	0 16	13 24	0 45	8 43	1 53	33 29	10 34	20 16	20 16	26 41			n.a.
S 4	10 6	26 25	3 44	19 39	0 55	20 3	0 59	19 54	0 26	8 34	0 48	23 49	0 16	13 22	0 45	8 44	1 53	33 29	10 34	20 15	20 15	26 41			n.a.
S 5	9 44	24 57	4 21	19 37	1 5	19 47	1 1	20 2	0 24	8 39	0 48	23 49	0 16	13 21	0 45	8 44	1 53	33 29	10 34	20 13	20 15	26 41			n.a.
M 6	9 23	22 20	4 46	19 33	1 15	19 29	1 3	20 11	0 23	8 43	0 48	23 49	0 16	13 20	0 45	8 45	1 53	33 29	10 34	20 11	20 14	26 41			n.a.
T 7	9 1	18 42	4 59	19 27	1 24	19 12	1 5	20 19	0 21	8 48	0 48	23 48	0 16	13 19	0 45	8 46	1 53	33 29	10 33	20 8	20 13	26 41			n.a.
W 8	8 38	14 14	4 58	19 19	1 32	18 53	1 7	20 28	0 20	8 52	0 48	23 48	0 17	13 18	0 45	8 46	1 53	33 29	10 33	20 5	20 13	26 41			n.a.
T 9	8 16	9 6	4 42	19 10	1 40	18 35	1 9	20 36	0 19	8 57	0 48	23 48	0 17	13 17	0 45	8 47	1 53	33 29	10 33	20 2	20 12	26 41			n.a.
F 10	7 54	3 31	4 12	18 59	1 48	18 15	1 10	20 44	0 17	9 1	0 47	23 48	0 17	13 15	0 45	8 48	1 53	33 29	10 33	19 59	20 11	26 41			n.a.
S 11	7 31	2s18	3 29	18 47	1 54	17 56	1 12	20 52	0 16	9 6	0 47	23 48	0 17	13 14	0 45	8 48	1 53	33 29	10 33	19 57	20 10	26 40			n.a.
S 12	7 9	8 8	2 35	18 32	2 1	17 35	1 14	21 0	0 14	9 10	0 47	23 47	0 17	13 13	0 45	8 49	1 53	33 28	10 33	19 56	20 10	26 40			n.a.
M13	6 46	13 41	1 30	18 16	2 6	17 15	1 15	21 8	0 12	9 15	0 47	23 47	0 17	13 12	0 45	8 50	1 53	33 28	10 32	19 55	20 9	26 40			n.a.
T 14	6 23	18 40	0 20	17 59	2 11	16 53	1 17	21 16	0 11	9 19	0 47	23 47	0 17	13 11	0 45	8 50	1 53	33 28	10 32	19 55	20 8	26 40			n.a.
W15	6 0	22 46	0s52	17 40	2 16	16 32	1 18	21 23	0 9	9 24	0 46	23 47	0 17	13 10	0 45	8 51	1 53	33 28	10 32	19 55	20 8	26 40			n.a.
T 16	5 38	25 35	2 3	17 19	2 20	16 9	1 20	21 31	0 8	9 28	0 46	23 47	0 17	13 8	0 45	8 52	1 53	33 28	10 32	19 55	20 7	26 39			n.a.
F 17	5 15	26 49	3 7	16 56	2 23	15 47	1 21	21 38	0 6	9 33	0 46	23 46	0 18	13 7	0 45	8 52	1 53	33 28	10 32	19 55	20 6	26 39			n.a.
S 18	4 52	26 16	4 1	16 32	2 26	15 24	1 22	21 45	0 4	9 38	0 46	23 46	0 18	13 6	0 45	8 53	1 53	33 28	10 31	19 54	20 5	26 39			n.a.
S 19	4 28	23 57	4 39	16 6	2 28	15 0	1 23	21 52	0 2	9 42	0 46	23 46	0 18	13 5	0 45	8 53	1 53	33 28	10 31	19 52	20 5	26 39			n.a.
M20	4 5	20 3	5 0	15 39	2 30	14 37	1 24	22 0	0 1	9 47	0 46	23 46	0 18	13 4	0 45	8 54	1 53	33 27	10 31	19 51	20 4	26 39			n.a.
T 21	3 42	14 57	5 0	15 10	2 31	14 12	1 25	22 6	0s 1	9 52	0 45	23 46	0 18	13 3	0 45	8 55	1 53	33 27	10 31	19 48	20 3	26 38			n.a.
W22	3 19	9 4	4 42	14 39	2 32	13 48	1 26	22 13	0 3	9 56	0 45	23 46	0 18	13 2	0 45	8 55	1 53	33 27	10 31	19 46	20 3	26 38			n.a.
T 23	2 56	2 50	4 7	14 6	2 32	13 23	1 27	22 20	0 5	10 1	0 45	23 45	0 18	13 1	0 45	8 56	1 53	33 27	10 30	19 44	20 2	26 38			n.a.
F 24	2 32	3n24	3 17	13 32	2 31	12 57	1 28	22 26	0 7	10 6	0 45	23 45	0 18	13 0	0 45	8 57	1 53	33 27	10 30	19 42	20 1	26 38			n.a.
S 25	2 9	9 19	2 18	12 56	2 30	12 32	1 29	22 33	0 9	10 11	0 45	23 45	0 18	12 58	0 45	8 57	1 53	33 27	10 30	19 40	20 0	26 37			n.a.
S 26	1 45	14 40	1 14	12 19	2 29	12 6	1 30	22 39	0 11	10 15	0 45	23 45	0 19	12 57	0 45	8 58	1 53	33 26	10 30	19 40	20 0	26 37			n.a.
M27	1 22	19 15	0 7	11 40	2 26	11 39	1 30	22 46	0 13	10 20	0 44	23 45	0 19	12 56	0 45	8 58	1 53	33 26	10 30	19 40	19 59	26 37			n.a.
T 28	0 59	22 52	0n59	10 59	2 24	11 13	1 31	22 52	0 15	10 25	0 44	23 45	0 19	12 55	0 45	8 59	1 53	33 26	10 29	19 40	19 58	26 37			n.a.
W29	0 35	25 24	2 1	10 17	2 20	10 46	1 31	22 58	0 17	10 30	0 44	23 44	0 19	12 54	0 45	9 0	1 53	33 26	10 29	19 40	19 57	26 36			n.a.
T 30	0 12	26 45	2 56	9 33	2 17	10 19	1 32	23 4	0 19	10 34	0 44	23 44	0 19	12 53	0 45	9 0	1 53	33 26	10 29	19 40	19 57	26 36			n.a.
F 31	0n11	26n51	3n44	8s48	2s12	9s51	1s32	23s10	0s21	10n39	0s44	23s44	0s19	12s52	0s45	9n 1	1n53	33n25	10n29	19n40	19n56	26n36			n.a.

Julian Day Number = 1351484.5, Delta T = 07h06m55s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'29, Lahiri = -17°56'29 Julian Calendar 1 March 1013 BCE == Greg. Calendar 20 Feb. 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

APRIL 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 59 23	1♈26'01	25♋10	14♓50	9♓54	14♐13	29♈20	10♑13	28♒36	11°R42	14°R28	26°R23	27♉32	17♋ 8	n.a.	S 1
S 2	12 3 19	2°23'48	7♌ 7	16°40	11° 7	14°42	29°33	10°16	28°39	11♍41	14♋28	26♉17	27°29	17°15	n.a.	S 2
M 3	12 7 16	3°21'34	19°13	18°31	12°20	15°11	29°46	10°19	28°42	11°39	14°28	26°10	27°26	17°21	n.a.	M 3
T 4	12 11 13	4°19'19	1♍32	20°25	13°33	15°40	29°59	10°21	28°45	11°38	14°28	26° 2	27°23	17°28	n.a.	T 4
W 5	12 15 9	5°17'01	14° 6	22°21	14°46	16° 8	0♉13	10°24	28°48	11°37	14°D28	25°53	27°20	17°35	n.a.	W 5
T 6	12 19 6	6°14'42	26°54	24°18	15°59	16°37	0°26	10°26	28°51	11°35	14°28	25°44	27°16	17°41	n.a.	T 6
F 7	12 23 2	7°12'21	9♎58	26°17	17°13	17° 5	0°39	10°29	28°54	11°34	14°28	25°37	27°13	17°48	n.a.	F 7
S 8	12 26 59	8° 9'59	23°16	28°18	18°26	17°33	0°52	10°31	28°57	11°32	14°28	25°31	27°10	17°55	n.a.	S 8
S 9	12 30 55	9° 7'35	6♏46	0♈21	19°39	18° 0	1° 5	10°33	28°59	11°31	14°28	25°27	27° 7	18° 2	n.a.	S 9
M10	12 34 52	10° 5'11	20°28	2°25	20°52	18°27	1°19	10°35	29° 2	11°29	14°28	25°D26	27° 4	18° 8	n.a.	M10
T 11	12 38 48	11° 2'45	4♐18	4°31	22° 5	18°54	1°32	10°37	29° 5	11°28	14°29	25°26	27° 1	18°15	n.a.	T 11
W12	12 42 45	12° 0'18	18°16	6°38	23°18	19°21	1°45	10°39	29° 8	11°27	14°29	25°27	26°57	18°22	n.a.	W12
T 13	12 46 42	12°57'50	2♑20	8°47	24°31	19°47	1°59	10°41	29°10	11°25	14°29	25°28	26°54	18°28	n.a.	T 13
F 14	12 50 38	13°55'21	16°30	10°56	25°44	20°13	2°12	10°43	29°13	11°24	14°29	25°R28	26°51	18°35	n.a.	F 14
S 15	12 54 35	14°52'51	0♒43	13° 6	26°57	20°39	2°26	10°44	29°16	11°23	14°29	25°27	26°48	18°42	n.a.	S 15
S 16	12 58 31	15°50'20	14°58	15°17	28°10	21° 4	2°39	10°46	29°18	11°21	14°30	25°25	26°45	18°48	n.a.	S 16
M17	13 2 28	16°47'48	29°11	17°29	29°23	21°29	2°53	10°47	29°21	11°20	14°30	25°20	26°41	18°55	n.a.	M17
T 18	13 6 24	17°45'15	13♓19	19°40	0♈37	21°54	3° 6	10°48	29°23	11°19	14°30	25°15	26°38	19° 2	n.a.	T 18
W19	13 10 21	18°42'41	27°17	21°51	1°50	22°18	3°20	10°50	29°26	11°18	14°31	25° 9	26°35	19° 8	n.a.	W19
T 20	13 14 17	19°40'06	11♈ 2	24° 2	3° 3	22°42	3°33	10°51	29°28	11°16	14°31	25° 4	26°32	19°15	n.a.	T 20
F 21	13 18 14	20°37'30	24°30	26°12	4°16	23° 6	3°47	10°52	29°31	11°15	14°32	25° 0	26°29	19°22	n.a.	F 21
S 22	13 22 11	21°34'53	7♉40	28°22	5°29	23°29	4° 0	10°53	29°33	11°14	14°32	24°57	26°26	19°29	n.a.	S 22
S 23	13 26 7	22°32'15	20°31	0♉29	6°42	23°51	4°14	10°53	29°35	11°13	14°33	24°D56	26°22	19°35	n.a.	S 23
M24	13 30 4	23°29'35	3♊ 4	2°36	7°56	24°14	4°28	10°54	29°38	11°12	14°33	24°56	26°19	19°42	n.a.	M24
T 25	13 34 0	24°26'55	15°21	4°41	9° 9	24°36	4°41	10°55	29°40	11°11	14°34	24°57	26°16	19°49	n.a.	T 25
W26	13 37 57	25°24'14	27°25	6°44	10°22	24°57	4°55	10°55	29°42	11°10	14°34	24°59	26°13	19°55	n.a.	W26
T 27	13 41 53	26°21'31	9♋21	8°45	11°35	25°18	5° 9	10°56	29°45	11° 9	14°35	25° 0	26°10	20° 2	n.a.	T 27
F 28	13 45 50	27°18'47	21°13	10°44	12°48	25°39	5°22	10°56	29°47	11° 8	14°36	25° 1	26° 6	20° 9	n.a.	F 28
S 29	13 49 46	28°16'02	3♌ 6	12°40	14° 2	25°59	5°36	10°56	29°49	11° 7	14°36	25°R 1	26° 3	20°15	n.a.	S 29
S 30	13 53 43	29♈13'16	15♌ 4	14♉35	15♈15	26♐18	5♉50	10♑56	29♒51	11♍ 6	14♋37	25♉ 0	26♉ 0	20♋22	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n35	25n44	4n22	8s 1	2s 7	9s24	1s32	23s15	0s24	10n44	0s44	23s44	0s19	12s51	0s45	9n 1	1n53	33n25	10n28	19n39	19n55	26n35		n.a.
S 2	0 58	23 26	4 49	7 13	2 2	8 56	1 32	23 21	0 26	10 49	0 44	23 44	0 19	12 50	0 45	9 2	1 53	33 25	10 28	19 38	19 55	26 35		n.a.
M 3	1 21	20 5	5 4	6 23	1 56	8 27	1 32	23 27	0 28	10 54	0 43	23 44	0 19	12 49	0 45	9 2	1 53	33 25	10 28	19 36	19 54	26 35		n.a.
T 4	1 45	15 49	5 5	5 31	1 49	7 59	1 32	23 32	0 31	10 58	0 43	23 44	0 20	12 48	0 45	9 3	1 53	33 25	10 28	19 34	19 53	26 34		n.a.
W 5	2 8	10 49	4 51	4 38	1 42	7 30	1 32	23 38	0 33	11 3	0 43	23 44	0 20	12 47	0 45	9 4	1 53	33 24	10 27	19 32	19 52	26 34		n.a.
T 6	2 31	5 15	4 22	3 44	1 34	7 1	1 32	23 43	0 35	11 8	0 43	23 44	0 20	12 46	0 45	9 4	1 53	33 24	10 27	19 30	19 52	26 34		n.a.
F 7	2 54	0s39	3 40	2 49	1 26	6 32	1 32	23 48	0 38	11 13	0 43	23 44	0 20	12 45	0 45	9 5	1 53	33 24	10 27	19 28	19 51	26 33		n.a.
S 8	3 17	6 38	2 44	1 52	1 18	6 3	1 32	23 54	0 40	11 18	0 43	23 44	0 20	12 44	0 45	9 5	1 53	33 24	10 27	19 27	19 50	26 33		n.a.
S 9	3 40	12 26	1 39	0 55	1 9	5 34	1 32	23 59	0 43	11 22	0 43	23 43	0 20	12 43	0 45	9 6	1 53	33 23	10 27	19 26	19 49	26 33		n.a.
M10	4 3	17 43	0 27	0n 4	1 0	5 4	1 31	24 4	0 46	11 27	0 42	23 43	0 20	12 42	0 45	9 6	1 53	33 23	10 26	19 25	19 49	26 32		n.a.
T 11	4 26	22 7	0s48	1 3	0 50	4 35	1 31	24 9	0 48	11 32	0 42	23 43	0 20	12 41	0 45	9 7	1 53	33 23	10 26	19 25	19 48	26 32		n.a.
W12	4 49	25 17	2 0	2 4	0 40	4 5	1 30	24 14	0 51	11 37	0 42	23 43	0 20	12 40	0 46	9 7	1 53	33 23	10 26	19 26	19 47	26 31		n.a.
T 13	5 12	26 54	3 6	3 4	0 30	3 35	1 30	24 18	0 54	11 42	0 42	23 43	0 21	12 39	0 46	9 8	1 53	33 22	10 26	19 26	19 46	26 31		n.a.
F 14	5 35	26 46	4 1	4 5	0 20	3 5	1 29	24 23	0 56	11 46	0 42	23 43	0 21	12 38	0 46	9 8	1 53	33 22	10 25	19 26	19 46	26 31		n.a.
S 15	5 57	24 53	4 42	5 7	0 9	2 35	1 29	24 28	0 59	11 51	0 42	23 43	0 21	12 37	0 46	9 9	1 53	33 22	10 25	19 26	19 45	26 30		n.a.
S 16	6 20	21 27	5 5	6 8	0n 1	2 5	1 28	24 33	1 2	11 56	0 42	23 43	0 21	12 36	0 46	9 9	1 53	33 22	10 25	19 25	19 44	26 30		n.a.
M17	6 42	16 45	5 9	7 9	0 12	1 34	1 27	24 37	1 5	12 1	0 42	23 43	0 21	12 36	0 46	9 10	1 53	33 21	10 25	19 24	19 43	26 29		n.a.
T 18	7 4	11 11	4 55	8 9	0 22	1 4	1 26	24 42	1 8	12 6	0 41	23 43	0 21	12 35	0 46	9 10	1 53	33 21	10 25	19 23	19 43	26 29		n.a.
W19	7 27	5 6	4 23	9 9	0 33	0 34	1 25	24 46	1 11	12 10	0 41	23 43	0 21	12 34	0 46	9 11	1 53	33 21	10 24	19 21	19 42	26 28		n.a.
T 20	7 49	1n 7	3 36	10 8	0 43	0 3	1 24	24 51	1 14	12 15	0 41	23 43	0 21	12 33	0 46	9 11	1 53	33 21	10 24	19 20	19 41	26 28		n.a.
F 21	8 11	7 12	2 38	11 5	0 53	0n27	1 23	24 55	1 17	12 20	0 41	23 43	0 22	12 32	0 46	9 11	1 53	33 20	10 24	19 19	19 40	26 27		n.a.
S 22	8 33	12 50	1 33	12 1	1 2	0 58	1 22	25 0	1 20	12 25	0 41	23 43	0 22	12 31	0 46	9 12	1 53	33 20	10 24	19 18	19 40	26 27		n.a.
S 23	8 54	17 47	0 24	12 56	1 11	1 28	1 21	25 4	1 24	12 30	0 41	23 44	0 22	12 30	0 46	9 12	1 53	33 20	10 23	19 18	19 39	26 26		n.a.
M24	9 16	21 50	0n44	13 49	1 20	1 58	1 20	25 8	1 27	12 34	0 41	23 44	0 22	12 30	0 46	9 13	1 53	33 19	10 23	19 18	19 38	26 26		n.a.
T 25	9 37	24 49	1 49	14 40	1 28	2 29	1 18	25 12	1 30	12 39	0 41	23 44	0 22	12 29	0 46	9 13	1 53	33 19	10 23	19 18	19 37	26 25		n.a.
W26	9 59	26 36	2 49	15 28	1 35	2 59	1 17	25 17	1 34	12 44	0 41	23 44	0 22	12 28	0 46	9 13	1 53	33 19	10 23	19 19	19 37	26 25		n.a.
T 27	10 20	27 8	3 40	16 15	1 42	3 30	1 16	25 21	1 37	12 49	0 40	23 44	0 22	12 27	0 46	9 14	1 53	33 19	10 22	19 19	19 36	26 24		n.a.
F 28	10 41	26 24	4 21	16 59	1 48	4 0	1 14	25 25	1 41	12 53	0 40	23 44	0 22	12 27	0 46	9 14	1 53	33 18	10 22	19 19	19 35	26 24		n.a.
S 29	11 2	24 29	4 51	17 42	1 54	4 30	1 13	25 29	1 44	12 58	0 40	23 44	0 23	12 26	0 46	9 15	1 52	33 18	10 22	19 19	19 34	26 23		n.a.
S 30	11n22	21n29	5n 9	18n21	1n59	5n 0	1s11	25s34	1s48	13n 3	0s40	23s44	0s23	12s25	0s46	9n15	1n52	33n18	10n22	19n19	19n34	26n23		n.a.

Julian Day Number = 1351515.5, Delta T = 07h06m53s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'25, Lahiri = -17°56'25 Julian Calendar 1 Apr. 1013 BCE == Greg. Calendar 22 March 1013 BCE

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

MAY 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 57 40	0♉10'29	27♌13	16♉27	16♈28	26♐38	6♉ 4	10°R56	29♒53	11°R 5	14♋38	24°R58	25♉57	20♋29	n.a.	M 1
T 2	14 1 36	1° 7'41	9♍36	18°16	17°41	26°56	6°17	10♉56	29°55	11♍ 4	14°38	24♉55	25°54	20°36	n.a.	T 2
W 3	14 5 33	2° 4'51	22°16	20° 3	18°55	27°14	6°31	10°56	29°57	11° 3	14°39	24°52	25°51	20°42	n.a.	W 3
T 4	14 9 29	3° 2'01	5♎15	21°48	20° 8	27°32	6°45	10°56	29°59	11° 2	14°40	24°48	25°47	20°49	n.a.	T 4
F 5	14 13 26	3°59'10	18°33	23°30	21°21	27°49	6°59	10°56	0♓ 1	11° 1	14°41	24°46	25°44	20°56	n.a.	F 5
S 6	14 17 22	4°56'19	2♏11	25° 9	22°34	28° 6	7°12	10°55	0° 3	11° 0	14°42	24°44	25°41	21° 2	n.a.	S 6
S 7	14 21 19	5°53'27	16° 5	26°46	23°48	28°22	7°26	10°55	0° 5	10°59	14°42	24°43	25°38	21° 9	n.a.	S 7
M 8	14 25 15	6°50'34	0♐12	28°20	25° 1	28°37	7°40	10°54	0° 6	10°59	14°43	24°D42	25°35	21°16	n.a.	M 8
T 9	14 29 12	7°47'41	14°28	29°52	26°14	28°52	7°54	10°53	0° 8	10°58	14°44	24°43	25°32	21°22	n.a.	T 9
W10	14 33 9	8°44'48	28°50	1♊20	27°28	29° 7	8° 7	10°52	0°10	10°57	14°45	24°44	25°28	21°29	n.a.	W10
T 11	14 37 5	9°41'55	13♑12	2°47	28°41	29°20	8°21	10°51	0°12	10°57	14°46	24°45	25°25	21°36	n.a.	T 11
F 12	14 41 2	10°39'01	27°32	4°10	29°54	29°33	8°35	10°50	0°13	10°56	14°47	24°46	25°22	21°43	n.a.	F 12
S 13	14 44 58	11°36'08	11♒46	5°31	1♉ 8	29°46	8°49	10°49	0°15	10°55	14°48	24°R46	25°19	21°49	n.a.	S 13
S 14	14 48 55	12°33'14	25°52	6°49	2°21	29°58	9° 2	10°48	0°16	10°55	14°49	24°46	25°16	21°56	n.a.	S 14
M15	14 52 51	13°30'20	9♓48	8° 4	3°35	0♑ 9	9°16	10°47	0°18	10°54	14°50	24°45	25°12	22° 3	n.a.	M15
T 16	14 56 48	14°27'26	23°33	9°17	4°48	0°20	9°30	10°45	0°19	10°54	14°51	24°44	25° 9	22° 9	n.a.	T 16
W17	15 0 45	15°24'32	7♈ 5	10°26	6° 1	0°29	9°43	10°44	0°21	10°53	14°53	24°43	25° 6	22°16	n.a.	W17
T 18	15 4 41	16°21'38	20°24	11°33	7°15	0°39	9°57	10°42	0°22	10°53	14°54	24°42	25° 3	22°23	n.a.	T 18
F 19	15 8 38	17°18'44	3♉28	12°36	8°28	0°47	10°11	10°40	0°23	10°52	14°55	24°41	25° 0	22°29	n.a.	F 19
S 20	15 12 34	18°15'50	16°18	13°36	9°42	0°55	10°25	10°39	0°25	10°52	14°56	24°41	24°57	22°36	n.a.	S 20
S 21	15 16 31	19°12'56	28°54	14°33	10°55	1° 2	10°38	10°37	0°26	10°51	14°57	24°D41	24°53	22°43	n.a.	S 21
M22	15 20 27	20°10'02	11♊16	15°27	12° 9	1° 8	10°52	10°35	0°27	10°51	14°59	24°41	24°50	22°50	n.a.	M22
T 23	15 24 24	21° 7'08	23°27	16°17	13°22	1°14	11° 6	10°33	0°28	10°51	15° 0	24°41	24°47	22°56	n.a.	T 23
W24	15 28 20	22° 4'13	5♋28	17° 4	14°36	1°18	11°19	10°31	0°29	10°50	15° 1	24°42	24°44	23° 3	n.a.	W24
T 25	15 32 17	23° 1'18	17°23	17°47	15°50	1°23	11°33	10°28	0°30	10°50	15° 2	24°42	24°41	23°10	n.a.	T 25
F 26	15 36 14	23°58'24	29°14	18°26	17° 3	1°26	11°46	10°26	0°31	10°50	15° 4	24°42	24°38	23°16	n.a.	F 26
S 27	15 40 10	24°55'29	11♌ 7	19° 1	18°17	1°28	12° 0	10°24	0°32	10°50	15° 5	24°R42	24°34	23°23	n.a.	S 27
S 28	15 44 7	25°52'33	23° 5	19°32	19°30	1°30	12°13	10°21	0°33	10°50	15° 6	24°D42	24°31	23°30	n.a.	S 28
M29	15 48 3	26°49'38	5♍12	19°59	20°44	1°31	12°27	10°19	0°34	10°50	15° 8	24°42	24°28	23°36	n.a.	M29
T 30	15 52 0	27°46'43	17°34	20°22	21°57	1°R32	12°40	10°16	0°35	10°49	15° 9	24°42	24°25	23°43	n.a.	T 30
W31	15 55 56	28♉43'47	0♎15	20♊40	23♉11	1♑31	12♉54	10♑13	0♓36	10♍49	15♋11	24♉42	24♉22	23♋50	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	11n43	17n31	5n14	18n59	2n 3	5n30	1s10	25s38	1s51	13n 7	0s40	23s44	0s23	12s24	0s46	9n15	1n52	33n17	10n22	19n19	19n33	26n22			n.a.
T 2	12 3	12 46	5 4	19 34	2 7	6 0	1 8	25 42	1 55	13 12	0 40	23 44	0 23	12 24	0 46	9 16	1 52	33 17	10 21	19 18	19 32	26 22			n.a.
W 3	12 23	7 22	4 39	20 7	2 9	6 30	1 6	25 46	1 59	13 17	0 40	23 45	0 23	12 23	0 46	9 16	1 52	33 17	10 21	19 17	19 31	26 21			n.a.
T 4	12 43	1 32	3 59	20 37	2 12	7 0	1 5	25 50	2 3	13 21	0 40	23 45	0 23	12 22	0 46	9 16	1 52	33 17	10 21	19 16	19 31	26 21			n.a.
F 5	13 3	4s31	3 6	21 5	2 13	7 29	1 3	25 54	2 6	13 26	0 40	23 45	0 23	12 22	0 46	9 16	1 52	33 16	10 21	19 15	19 30	26 20			n.a.
S 6	13 22	10 32	2 1	21 31	2 13	7 58	1 1	25 59	2 10	13 31	0 39	23 45	0 23	12 21	0 46	9 17	1 52	33 16	10 21	19 15	19 29	26 19			n.a.
S 7	13 42	16 9	0 47	21 54	2 13	8 28	0 59	26 3	2 14	13 35	0 39	23 45	0 24	12 20	0 46	9 17	1 52	33 16	10 20	19 15	19 28	26 19			n.a.
M 8	14 1	21 0	0s30	22 15	2 13	8 57	0 57	26 7	2 18	13 40	0 39	23 45	0 24	12 20	0 46	9 17	1 52	33 15	10 20	19 15	19 27	26 18			n.a.
T 9	14 20	24 40	1 47	22 34	2 11	9 25	0 56	26 11	2 23	13 45	0 39	23 46	0 24	12 19	0 46	9 17	1 52	33 15	10 20	19 15	19 27	26 18			n.a.
W10	14 38	26 46	2 57	22 51	2 9	9 54	0 54	26 16	2 27	13 49	0 39	23 46	0 24	12 19	0 46	9 18	1 52	33 15	10 20	19 15	19 26	26 17			n.a.
T 11	14 57	27 5	3 57	23 6	2 6	10 22	0 52	26 20	2 31	13 54	0 39	23 46	0 24	12 18	0 46	9 18	1 52	33 14	10 20	19 15	19 25	26 16			n.a.
F 12	15 15	25 34	4 41	23 19	2 2	10 51	0 50	26 24	2 35	13 58	0 39	23 46	0 24	12 18	0 46	9 18	1 52	33 14	10 19	19 16	19 24	26 16			n.a.
S 13	15 33	22 27	5 8	23 30	1 58	11 19	0 48	26 28	2 39	14 3	0 39	23 46	0 24	12 17	0 46	9 18	1 52	33 14	10 19	19 16	19 24	26 15			n.a.
S 14	15 51	18 2	5 16	23 39	1 53	11 46	0 45	26 33	2 44	14 7	0 39	23 47	0 24	12 17	0 47	9 18	1 52	33 13	10 19	19 16	19 23	26 15			n.a.
M15	16 8	12 43	5 5	23 46	1 47	12 14	0 43	26 37	2 48	14 12	0 39	23 47	0 25	12 16	0 47	9 19	1 52	33 13	10 19	19 15	19 22	26 14			n.a.
T 16	16 26	6 50	4 37	23 51	1 41	12 41	0 41	26 42	2 53	14 16	0 39	23 47	0 25	12 16	0 47	9 19	1 52	33 13	10 19	19 15	19 21	26 13			n.a.
W17	16 43	0 43	3 54	23 55	1 34	13 8	0 39	26 46	2 57	14 21	0 38	23 47	0 25	12 15	0 47	9 19	1 52	33 12	10 18	19 15	19 21	26 13			n.a.
T 18	17 0	5n20	2 59	23 57	1 26	13 34	0 37	26 51	3 2	14 25	0 38	23 48	0 25	12 15	0 47	9 19	1 52	33 12	10 18	19 15	19 20	26 12			n.a.
F 19	17 16	11 4	1 55	23 57	1 18	14 0	0 35	26 55	3 6	14 30	0 38	23 48	0 25	12 14	0 47	9 19	1 52	33 12	10 18	19 14	19 19	26 11			n.a.
S 20	17 32	16 14	0 46	23 56	1 9	14 26	0 32	27 0	3 11	14 34	0 38	23 48	0 25	12 14	0 47	9 19	1 51	33 11	10 18	19 14	19 18	26 11			n.a.
S 21	17 48	20 37	0n23	23 53	0 59	14 52	0 30	27 4	3 16	14 39	0 38	23 48	0 25	12 13	0 47	9 19	1 51	33 11	10 18	19 14	19 17	26 10			n.a.
M22	18 4	23 59	1 31	23 49	0 49	15 17	0 28	27 9	3 20	14 43	0 38	23 49	0 25	12 13	0 47	9 19	1 51	33 11	10 17	19 14	19 17	26 9			n.a.
T 23	18 19	26 12	2 33	23 44	0 39	15 42	0 26	27 14	3 25	14 47	0 38	23 49	0 26	12 13	0 47	9 20	1 51	33 10	10 17	19 14	19 16	26 8			n.a.
W24	18 34	27 9	3 27	23 38	0 27	16 6	0 23	27 18	3 30	14 52	0 38	23 49	0 26	12 12	0 47	9 20	1 51	33 10	10 17	19 14	19 15	26 8			n.a.
T 25	18 49	26 50	4 12	23 30	0 15	16 30	0 21	27 23	3 35	14 56	0 38	23 50	0 26	12 12	0 47	9 20	1 51	33 10	10 17	19 15	19 14	26 7			n.a.
F 26	19 4	25 18	4 46	23 21	0 3	16 54	0 19	27 28	3 39	15 0	0 38	23 50	0 26	12 12	0 47	9 20	1 51	33 10	10 17	19 15	19 13	26 6			n.a.
S 27	19 18	22 38	5 8	23 11	0s10	17 17	0 16	27 33	3 44	15 5	0 38	23 50	0 26	12 11	0 47	9 20	1 51	33 9	10 17	19 15	19 13	26 6			n.a.
S 28	19 32	19 1	5 17	23 1	0 23	17 40	0 14	27 38	3 49	15 9	0 38	23 51	0 26	12 11	0 47	9 20	1 51	33 9	10 17	19 15	19 12	26 5			n.a.
M29	19 45	14 34	5 12	22 49	0 37	18 2	0 11	27 42	3 54	15 13	0 38	23 51	0 26	12 11	0 47	9 20	1 51	33 9	10 16	19 15	19 11	26 4			n.a.
T 30	19 59	9 27	4 52	22 36	0 51	18 24	0 9	27 47	3 59	15 17	0 37	23 51	0 26	12 10	0 47	9 20	1 51	33 8	10 16	19 15	19 10	26 3			n.a.
W31	20n11	3n50	4n18	22n23	1s 6	18n45	0s 7	27s52	4s 4	15n22	0s37	23s52	0s27	12s10	0s47	9n20	1n51	33n 8	10n16	19n15	19n10	26n 3			n.a.

Julian Day Number = 1351545.5, Delta T = 07h06m52s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'21, Lahiri = -17°56'21 Julian Calendar 1 May 1013 BCE == Greg. Calendar 21 Apr. 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

JUNE 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 59 53	29♉40'52	13♎17	20♊54	24♉25	1°R30	13♉ 7	10°R10	0♓36	10°R49	15♋12	24♉43	24♉18	23♋57	n.a.	T 1
F 2	16 3 49	0♊37'56	26°42	21° 3	25°38	1♏28	13°21	10♏ 8	0°37	10°D49	15°14	24°43	24°15	24° 3	n.a.	F 2
S 3	16 7 46	1°35'01	10♏31	21°R 7	26°52	1°25	13°34	10° 5	0°38	10♍49	15°15	24°44	24°12	24°10	n.a.	S 3
S 4	16 11 43	2°32'06	24°43	21° 6	28° 6	1°22	13°47	10° 2	0°38	10°49	15°17	24°R44	24° 9	24°17	n.a.	S 4
M 5	16 15 39	3°29'12	9♐12	21° 1	29°19	1°17	14° 1	9°58	0°39	10°50	15°18	24°44	24° 6	24°23	n.a.	M 5
T 6	16 19 36	4°26'18	23°54	20°51	0♊33	1°12	14°14	9°55	0°39	10°50	15°20	24°43	24° 3	24°30	n.a.	T 6
W 7	16 23 32	5°23'24	8♏42	20°36	1°47	1° 7	14°27	9°52	0°40	10°50	15°21	24°42	23°59	24°37	n.a.	W 7
T 8	16 27 29	6°20'32	23°28	20°17	3° 1	1° 0	14°41	9°49	0°40	10°50	15°23	24°41	23°56	24°44	n.a.	T 8
F 9	16 31 25	7°17'40	8♒ 6	19°54	4°14	0°53	14°54	9°45	0°40	10°50	15°24	24°39	23°53	24°50	n.a.	F 9
S 10	16 35 22	8°14'48	22°31	19°26	5°28	0°45	15° 7	9°42	0°41	10°50	15°26	24°38	23°50	24°57	n.a.	S 10
S 11	16 39 19	9°11'58	6♓39	18°55	6°42	0°37	15°20	9°38	0°41	10°51	15°28	24°D38	23°47	25° 4	n.a.	S 11
M12	16 43 15	10° 9'08	20°28	18°21	7°56	0°27	15°33	9°35	0°41	10°51	15°29	24°38	23°44	25°10	n.a.	M12
T 13	16 47 12	11° 6'20	3♈59	17°43	9°10	0°17	15°46	9°31	0°41	10°51	15°31	24°39	23°40	25°17	n.a.	T 13
W14	16 51 8	12° 3'32	17°13	17° 4	10°24	0° 7	15°59	9°27	0°41	10°52	15°33	24°40	23°37	25°24	n.a.	W14
T 15	16 55 5	13° 0'46	0♉10	16°23	11°38	29♐56	16°12	9°24	0°R41	10°52	15°34	24°42	23°34	25°30	n.a.	T 15
F 16	16 59 1	13°58'00	12°53	15°41	12°51	29°44	16°25	9°20	0°41	10°53	15°36	24°43	23°31	25°37	n.a.	F 16
S 17	17 2 58	14°55'15	25°24	14°59	14° 5	29°31	16°38	9°16	0°41	10°53	15°38	24°R43	23°28	25°44	n.a.	S 17
S 18	17 6 54	15°52'32	7♊43	14°17	15°19	29°19	16°51	9°12	0°41	10°54	15°39	24°42	23°24	25°51	n.a.	S 18
M19	17 10 51	16°49'49	19°53	13°37	16°33	29° 5	17° 3	9° 8	0°41	10°54	15°41	24°41	23°21	25°57	n.a.	M19
T 20	17 14 48	17°47'07	1♋56	12°59	17°47	28°51	17°16	9° 4	0°41	10°55	15°43	24°38	23°18	26° 4	n.a.	T 20
W21	17 18 44	18°44'26	13°52	12°23	19° 1	28°37	17°29	9° 0	0°40	10°55	15°45	24°34	23°15	26°11	n.a.	W21
T 22	17 22 41	19°41'46	25°44	11°51	20°15	28°23	17°41	8°56	0°40	10°56	15°46	24°30	23°12	26°17	n.a.	T 22
F 23	17 26 37	20°39'06	7♌35	11°23	21°29	28° 8	17°54	8°52	0°40	10°57	15°48	24°26	23° 9	26°24	n.a.	F 23
S 24	17 30 34	21°36'28	19°27	11° 0	22°43	27°53	18° 6	8°48	0°39	10°57	15°50	24°22	23° 5	26°31	n.a.	S 24
S 25	17 34 30	22°33'50	1♍24	10°42	23°57	27°37	18°19	8°43	0°39	10°58	15°52	24°19	23° 2	26°38	n.a.	S 25
M26	17 38 27	23°31'13	13°30	10°29	25°11	27°22	18°31	8°39	0°38	10°59	15°54	24°18	22°59	26°44	n.a.	M26
T 27	17 42 24	24°28'36	25°49	10°23	26°25	27° 6	18°44	8°35	0°38	11° 0	15°56	24°D17	22°56	26°51	n.a.	T 27
W28	17 46 20	25°26'01	8♎25	10°D22	27°40	26°50	18°56	8°30	0°37	11° 1	15°57	24°18	22°53	26°58	n.a.	W28
T 29	17 50 17	26°23'26	21°24	10°28	28°54	26°34	19° 8	8°26	0°37	11° 1	15°59	24°19	22°50	27° 4	n.a.	T 29
F 30	17 54 13	27♊20'53	4♏47	10♊41	0♋ 8	26♐18	19♉20	8♏22	0♓36	11♍ 2	16♋ 1	24♉21	22♉46	27♋11	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n24	2s 6	3n30	22n 9	1s21	19n 6	0s 4	27s57	4s 9	15n26	0s37	23s52	0s27	12s10	0s47	9n20	1n51	33n 8	10n16	19n15	19n 9	26n 2		n.a.
F 2	20 36	8 8	2 29	21 55	1 36	19 26	0 2	28 2	4 14	15 30	0 37	23 52	0 27	12 10	0 47	9 20	1 51	33 7	10 16	19 15	19 8	26 1		n.a.
S 3	20 48	13 59	1 18	21 40	1 51	19 46	0n 0	28 7	4 18	15 34	0 37	23 53	0 27	12 10	0 47	9 20	1 51	33 7	10 16	19 15	19 7	26 0		n.a.
S 4	21 0	19 15	0 0	21 25	2 6	20 6	0 3	28 12	4 23	15 38	0 37	23 53	0 27	12 9	0 47	9 19	1 51	33 7	10 16	19 15	19 6	25 59		n.a.
M 5	21 11	23 29	1s19	21 9	2 22	20 24	0 5	28 17	4 28	15 42	0 37	23 53	0 27	12 9	0 47	9 19	1 51	33 6	10 15	19 15	19 6	25 59		n.a.
T 6	21 22	26 15	2 35	20 54	2 37	20 43	0 8	28 22	4 33	15 46	0 37	23 54	0 27	12 9	0 47	9 19	1 51	33 6	10 15	19 15	19 5	25 58		n.a.
W 7	21 32	27 11	3 40	20 38	2 51	21 0	0 10	28 27	4 38	15 50	0 37	23 54	0 27	12 9	0 47	9 19	1 51	33 6	10 15	19 15	19 4	25 57		n.a.
T 8	21 42	26 11	4 31	20 22	3 6	21 17	0 12	28 31	4 43	15 54	0 37	23 54	0 28	12 9	0 47	9 19	1 50	33 5	10 15	19 14	19 3	25 56		n.a.
F 9	21 52	23 24	5 3	20 7	3 19	21 34	0 15	28 36	4 47	15 58	0 37	23 55	0 28	12 9	0 48	9 19	1 50	33 5	10 15	19 14	19 2	25 55		n.a.
S 10	22 2	19 11	5 16	19 52	3 33	21 50	0 17	28 41	4 52	16 2	0 37	23 55	0 28	12 9	0 48	9 19	1 50	33 5	10 15	19 14	19 2	25 54		n.a.
S 11	22 11	13 59	5 9	19 37	3 45	22 5	0 19	28 46	4 57	16 6	0 37	23 55	0 28	12 9	0 48	9 19	1 50	33 4	10 15	19 14	19 1	25 54		n.a.
M12	22 19	8 11	4 45	19 23	3 56	22 20	0 21	28 50	5 1	16 10	0 37	23 56	0 28	12 9	0 48	9 18	1 50	33 4	10 15	19 14	19 0	25 53		n.a.
T 13	22 28	2 7	4 5	19 9	4 6	22 34	0 24	28 55	5 6	16 14	0 37	23 56	0 28	12 9	0 48	9 18	1 50	33 4	10 15	19 14	18 59	25 52		n.a.
W14	22 36	3n54	3 12	18 57	4 15	22 47	0 26	28 59	5 10	16 18	0 37	23 57	0 28	12 9	0 48	9 18	1 50	33 4	10 14	19 14	18 58	25 51		n.a.
T 15	22 43	9 40	2 11	18 45	4 22	23 0	0 28	29 3	5 14	16 22	0 36	23 57	0 28	12 9	0 48	9 18	1 50	33 3	10 14	19 14	18 58	25 50		n.a.
F 16	22 50	14 55	1 5	18 35	4 28	23 12	0 30	29 8	5 19	16 26	0 36	23 57	0 29	12 9	0 48	9 18	1 50	33 3	10 14	19 15	18 57	25 49		n.a.
S 17	22 57	19 28	0n 4	18 26	4 33	23 24	0 33	29 12	5 23	16 29	0 36	23 58	0 29	12 9	0 48	9 17	1 50	33 3	10 14	19 15	18 56	25 48		n.a.
S 18	23 3	23 7	1 11	18 19	4 35	23 34	0 35	29 16	5 27	16 33	0 36	23 58	0 29	12 9	0 48	9 17	1 50	33 2	10 14	19 15	18 55	25 47		n.a.
M19	23 9	25 39	2 14	18 13	4 36	23 44	0 37	29 20	5 31	16 37	0 36	23 59	0 29	12 9	0 48	9 17	1 50	33 2	10 14	19 14	18 54	25 47		n.a.
T 20	23 15	26 59	3 10	18 9	4 36	23 54	0 39	29 23	5 34	16 41	0 36	23 59	0 29	12 9	0 48	9 17	1 50	33 2	10 14	19 14	18 54	25 46		n.a.
W21	23 20	27 1	3 58	18 7	4 33	24 2	0 41	29 27	5 38	16 44	0 36	23 59	0 29	12 9	0 48	9 16	1 50	33 1	10 14	19 13	18 53	25 45		n.a.
T 22	23 25	25 49	4 35	18 7	4 29	24 10	0 43	29 30	5 42	16 48	0 36	24 0	0 29	12 9	0 48	9 16	1 50	33 1	10 14	19 12	18 52	25 44		n.a.
F 23	23 29	23 29	5 0	18 9	4 24	24 18	0 45	29 33	5 45	16 51	0 36	24 0	0 29	12 10	0 48	9 16	1 50	33 1	10 14	19 11	18 51	25 43		n.a.
S 24	23 33	20 8	5 12	18 13	4 17	24 24	0 47	29 36	5 48	16 55	0 36	24 1	0 29	12 10	0 48	9 15	1 50	33 1	10 14	19 10	18 50	25 42		n.a.
S 25	23 36	15 58	5 11	18 18	4 8	24 30	0 49	29 39	5 51	16 59	0 36	24 1	0 30	12 10	0 48	9 15	1 50	33 0	10 14	19 9	18 49	25 41		n.a.
M26	23 39	11 7	4 56	18 26	3 59	24 35	0 51	29 42	5 54	17 2	0 36	24 1	0 30	12 10	0 48	9 15	1 49	33 0	10 14	19 9	18 49	25 40		n.a.
T 27	23 42	5 46	4 27	18 36	3 48	24 39	0 53	29 44	5 57	17 6	0 36	24 2	0 30	12 10	0 48	9 14	1 49	33 0	10 14	19 8	18 48	25 39		n.a.
W28	23 44	0 3	3 45	18 48	3 36	24 43	0 55	29 46	6 0	17 9	0 36	24 2	0 30	12 11	0 48	9 14	1 49	32 59	10 14	19 9	18 47	25 38		n.a.
T 29	23 46	5s51	2 50	19 1	3 23	24 45	0 57	29 48	6 2	17 12	0 36	24 3	0 30	12 11	0 48	9 14	1 49	32 59	10 14	19 9	18 46	25 37		n.a.
F 30	23n47	11s40	1n45	19n16	3s10	24n47	0n58	29s50	6s 4	17n16	0s36	24s 3	0s30	12s11	0s48	9n13	1n49	32n59	10n14	19n 9	18n45	25n36		n.a.

Julian Day Number = 1351576.5, Delta T = 07h06m50s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'17, Lahiri = -17°56'16 Julian Calendar 1 June 1013 BCE == Greg. Calendar 22 May 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

JULY 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 58 10	28♊18'20	18♏37	11♊ 0	1♋22	26°R 3	19♉32	8°R17	0°R35	11♍ 3	16♋ 3	24°R22	22♉43	27♋18	n.a.	S 1
S 2	18 2 6	29°15'49	2♐54	11°26	2°36	25♐47	19°44	8♑13	0♓35	11° 4	16° 5	24♉22	22°40	27°25	n.a.	S 2
M 3	18 6 3	0♋13'18	17°36	11°58	3°50	25°31	19°56	8° 8	0°34	11° 5	16° 7	24°20	22°37	27°31	n.a.	M 3
T 4	18 9 59	1°10'50	2♑35	12°38	5° 4	25°16	20° 8	8° 4	0°33	11° 6	16° 9	24°17	22°34	27°38	n.a.	T 4
W 5	18 13 56	2° 8'22	17°44	13°23	6°19	25° 1	20°20	8° 0	0°32	11° 7	16°11	24°12	22°30	27°45	n.a.	W 5
T 6	18 17 53	3° 5'56	2♒53	14°16	7°33	24°46	20°32	7°55	0°31	11° 8	16°12	24° 6	22°27	27°51	n.a.	T 6
F 7	18 21 49	4° 3'31	17°51	15°15	8°47	24°31	20°43	7°51	0°30	11° 9	16°14	24° 1	22°24	27°58	n.a.	F 7
S 8	18 25 46	5° 1'08	2♓32	16°20	10° 1	24°16	20°55	7°46	0°29	11°10	16°16	23°56	22°21	28° 5	n.a.	S 8
S 9	18 29 42	5°58'46	16°50	17°31	11°16	24° 2	21° 6	7°41	0°28	11°12	16°18	23°53	22°18	28°12	n.a.	S 9
M10	18 33 39	6°56'26	0♈42	18°47	12°30	23°49	21°18	7°37	0°27	11°13	16°20	23°51	22°15	28°18	n.a.	M10
T 11	18 37 35	7°54'08	14° 9	20°10	13°44	23°36	21°29	7°32	0°26	11°14	16°22	23°D51	22°11	28°25	n.a.	T 11
W12	18 41 32	8°51'52	27°14	21°37	14°58	23°23	21°41	7°28	0°24	11°15	16°24	23°52	22° 8	28°32	n.a.	W12
T 13	18 45 28	9°49'38	9♉58	23° 9	16°13	23°11	21°52	7°23	0°23	11°16	16°26	23°54	22° 5	28°38	n.a.	T 13
F 14	18 49 25	10°47'26	22°27	24°46	17°27	22°59	22° 3	7°19	0°22	11°18	16°28	23°R54	22° 2	28°45	n.a.	F 14
S 15	18 53 22	11°45'15	4♊43	26°26	18°41	22°48	22°14	7°14	0°21	11°19	16°30	23°54	21°59	28°52	n.a.	S 15
S 16	18 57 18	12°43'06	16°50	28°10	19°56	22°38	22°25	7°10	0°19	11°20	16°32	23°51	21°56	28°58	n.a.	S 16
M17	19 1 15	13°40'59	28°50	29°58	21°10	22°28	22°36	7° 5	0°18	11°22	16°34	23°46	21°52	29° 5	n.a.	M17
T 18	19 5 11	14°38'54	10♋45	1♋48	22°25	22°19	22°47	7° 1	0°16	11°23	16°36	23°39	21°49	29°12	n.a.	T 18
W19	19 9 8	15°36'50	22°37	3°40	23°39	22°10	22°57	6°56	0°15	11°25	16°38	23°30	21°46	29°19	n.a.	W19
T 20	19 13 4	16°34'48	4♌28	5°34	24°53	22° 3	23° 8	6°52	0°13	11°26	16°40	23°20	21°43	29°25	n.a.	T 20
F 21	19 17 1	17°32'48	16°20	7°30	26° 8	21°56	23°18	6°48	0°12	11°28	16°42	23°10	21°40	29°32	n.a.	F 21
S 22	19 20 57	18°30'49	28°14	9°27	27°22	21°50	23°29	6°43	0°10	11°29	16°44	23° 0	21°36	29°39	n.a.	S 22
S 23	19 24 54	19°28'52	10♍12	11°24	28°37	21°44	23°39	6°39	0° 8	11°31	16°45	22°52	21°33	29°45	n.a.	S 23
M24	19 28 51	20°26'56	22°18	13°22	29°51	21°39	23°49	6°34	0° 7	11°32	16°47	22°46	21°30	29°52	n.a.	M24
T 25	19 32 47	21°25'02	4♎36	15°21	1♌ 6	21°36	23°59	6°30	0° 5	11°34	16°49	22°42	21°27	29°59	n.a.	T 25
W26	19 36 44	22°23'10	17° 9	17°19	2°20	21°33	24° 9	6°26	0° 3	11°35	16°51	22°D41	21°24	0♌ 6	n.a.	W26
T 27	19 40 40	23°21'19	0♏ 1	19°16	3°35	21°30	24°19	6°22	0° 2	11°37	16°53	22°41	21°21	0°12	n.a.	T 27
F 28	19 44 37	24°19'30	13°17	21°14	4°49	21°29	24°29	6°17	29♒59	11°38	16°55	22°41	21°17	0°19	n.a.	F 28
S 29	19 48 33	25°17'42	27° 0	23°11	6° 3	21°D28	24°39	6°13	29°58	11°40	16°57	22°R41	21°14	0°26	n.a.	S 29
S 30	19 52 30	26°15'56	11♐11	25° 7	7°18	21°28	24°48	6° 9	29°56	11°42	16°59	22°40	21°11	0°33	n.a.	S 30
M31	19 56 26	27♋14'12	25♐50	27♋ 2	8♌32	21♐29	24♉58	6♑ 5	29♒54	11♍44	17♋ 1	22♉37	21♉ 8	0♌39	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	17s 8	0n31	19n33	2s56	24n49	1n 0	29s52	6s 6	17n19	0s36	24s 3	0s30	12s11	0s48	9n13	1n49	32n59	10n14	19n10	18n45	25n35		n.a.
S 2	23 49	21 50	0s46	19 51	2 41	24 49	1 2	29 53	6 8	17 23	0 36	24 4	0 30	12 12	0 48	9 12	1 49	32 58	10 14	19 10	18 44	25 34		n.a.
M 3	23 49	25 16	2 3	20 10	2 26	24 49	1 3	29 54	6 10	17 26	0 36	24 4	0 30	12 12	0 48	9 12	1 49	32 58	10 13	19 9	18 43	25 33		n.a.
T 4	23 49	27 0	3 13	20 30	2 11	24 48	1 5	29 55	6 11	17 29	0 36	24 4	0 30	12 12	0 48	9 12	1 49	32 58	10 13	19 8	18 42	25 32		n.a.
W 5	23 48	26 45	4 10	20 51	1 55	24 46	1 6	29 56	6 13	17 32	0 36	24 5	0 31	12 13	0 49	9 11	1 49	32 58	10 13	19 7	18 41	25 31		n.a.
T 6	23 47	24 30	4 49	21 13	1 40	24 44	1 8	29 56	6 14	17 36	0 36	24 5	0 31	12 13	0 49	9 11	1 49	32 57	10 13	19 6	18 40	25 30		n.a.
F 7	23 45	20 36	5 8	21 35	1 24	24 40	1 9	29 57	6 15	17 39	0 35	24 6	0 31	12 14	0 49	9 10	1 49	32 57	10 14	19 4	18 40	25 29		n.a.
S 8	23 43	15 29	5 6	21 57	1 9	24 36	1 11	29 57	6 16	17 42	0 35	24 6	0 31	12 14	0 49	9 10	1 49	32 57	10 14	19 3	18 39	25 28		n.a.
S 9	23 41	9 39	4 45	22 19	0 54	24 32	1 12	29 57	6 16	17 45	0 35	24 6	0 31	12 14	0 49	9 9	1 49	32 57	10 14	19 2	18 38	25 27		n.a.
M10	23 38	3 30	4 8	22 41	0 39	24 26	1 13	29 56	6 17	17 48	0 35	24 7	0 31	12 15	0 49	9 9	1 49	32 56	10 14	19 2	18 37	25 26		n.a.
T 11	23 35	2n38	3 18	23 2	0 25	24 20	1 15	29 56	6 17	17 51	0 35	24 7	0 31	12 15	0 49	9 8	1 49	32 56	10 14	19 2	18 36	25 25		n.a.
W12	23 31	8 29	2 19	23 22	0 11	24 13	1 16	29 55	6 17	17 54	0 35	24 7	0 31	12 16	0 49	9 8	1 49	32 56	10 14	19 2	18 35	25 24		n.a.
T 13	23 27	13 51	1 15	23 40	0n 2	24 5	1 17	29 55	6 17	17 57	0 35	24 8	0 31	12 16	0 49	9 7	1 49	32 56	10 14	19 2	18 35	25 22		n.a.
F 14	23 22	18 33	0 8	23 57	0 15	23 57	1 18	29 54	6 17	18 0	0 35	24 8	0 31	12 17	0 49	9 7	1 49	32 56	10 14	19 3	18 34	25 21		n.a.
S 15	23 17	22 22	0n58	24 13	0 26	23 47	1 19	29 53	6 16	18 3	0 35	24 8	0 32	12 17	0 49	9 6	1 49	32 55	10 14	19 3	18 33	25 20		n.a.
S 16	23 12	25 9	2 0	24 26	0 38	23 38	1 20	29 52	6 16	18 6	0 35	24 9	0 32	12 18	0 49	9 5	1 48	32 55	10 14	19 2	18 32	25 19		n.a.
M17	23 6	26 45	2 56	24 37	0 48	23 27	1 21	29 50	6 15	18 9	0 35	24 9	0 32	12 18	0 49	9 5	1 48	32 55	10 14	19 1	18 31	25 18		n.a.
T 18	23 0	27 6	3 44	24 46	0 58	23 16	1 21	29 49	6 14	18 11	0 35	24 9	0 32	12 19	0 49	9 4	1 48	32 55	10 14	18 59	18 30	25 17		n.a.
W19	22 53	26 12	4 22	24 52	1 6	23 4	1 22	29 47	6 13	18 14	0 35	24 10	0 32	12 19	0 49	9 4	1 48	32 55	10 14	18 57	18 30	25 16		n.a.
T 20	22 46	24 7	4 49	24 56	1 14	22 51	1 23	29 46	6 12	18 17	0 35	24 10	0 32	12 20	0 49	9 3	1 48	32 54	10 14	18 54	18 29	25 15		n.a.
F 21	22 39	20 59	5 3	24 57	1 21	22 37	1 24	29 44	6 11	18 20	0 35	24 10	0 32	12 21	0 49	9 3	1 48	32 54	10 14	18 51	18 28	25 14		n.a.
S 22	22 31	17 0	5 3	24 56	1 27	22 23	1 24	29 42	6 9	18 22	0 35	24 11	0 32	12 21	0 49	9 2	1 48	32 54	10 14	18 49	18 27	25 12		n.a.
S 23	22 23	12 20	4 51	24 51	1 33	22 9	1 25	29 40	6 8	18 25	0 35	24 11	0 32	12 22	0 49	9 1	1 48	32 54	10 14	18 47	18 26	25 11		n.a.
M24	22 14	7 9	4 26	24 45	1 37	21 53	1 25	29 38	6 6	18 28	0 35	24 11	0 32	12 22	0 49	9 1	1 48	32 54	10 14	18 45	18 25	25 10		n.a.
T 25	22 5	1 37	3 48	24 35	1 41	21 37	1 25	29 36	6 4	18 30	0 35	24 12	0 32	12 23	0 49	9 0	1 48	32 53	10 14	18 44	18 25	25 9		n.a.
W26	21 55	4s 6	2 58	24 23	1 44	21 20	1 26	29 34	6 2	18 33	0 35	24 12	0 32	12 24	0 49	8 59	1 48	32 53	10 15	18 44	18 24	25 8		n.a.
T 27	21 46	9 49	1 58	24 9	1 46	21 3	1 26	29 32	6 0	18 35	0 35	24 12	0 32	12 24	0 49	8 59	1 48	32 53	10 15	18 44	18 23	25 7		n.a.
F 28	21 35	15 17	0 50	23 52	1 47	20 45	1 26	29 30	5 58	18 38	0 35	24 12	0 33	12 25	0 49	8 58	1 48	32 53	10 15	18 44	18 22	25 5		n.a.
S 29	21 25	20 10	0s23	23 34	1 48	20 27	1 26	29 27	5 56	18 40	0 35	24 13	0 33	12 26	0 49	8 57	1 48	32 53	10 15	18 44	18 21	25 4		n.a.
S 30	21 14	24 4	1 37	23 13	1 48	20 8	1 26	29 25	5 54	18 42	0 35	24 13	0 33	12 26	0 49	8 57	1 48	32 53	10 15	18 44	18 20	25 3		n.a.
M31	21n 2	26s32	2s47	22n50	1n47	19n48	1n26	29s23	5s51	18n45	0s35	24s13	0s33	12s27	0s49	8n56	1n48	32n52	10n15	18n43	18n20	25n 2		n.a.

Julian Day Number = 1351606.5, Delta T = 07h06m49s
Ecliptic obliquity = 23°49'02, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'13, Lahiri = -17°56'12 Julian Calendar 1 July 1013 BCE == Greg. Calendar 21 June 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

AUGUST 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 0 23	28♋12'29	10♉51	28♋56	9♌47	21♐31	25♉ 7	6°R 1	29°R52	11♍45	17♋ 3	22°R30	21♉ 5	0♌46	n.a.	T 1
W 2	20 4 20	29°10'49	26° 7	0♌49	11° 1	21°34	25°16	5♉57	29♒50	11°47	17° 5	22♉22	21° 2	0°53	n.a.	W 2
T 3	20 8 16	0♌ 9'10	11♒28	2°41	12°16	21°37	25°25	5°53	29°48	11°49	17° 7	22°12	20°58	0°59	n.a.	T 3
F 4	20 12 13	1° 7'34	26°41	4°33	13°31	21°41	25°34	5°49	29°46	11°51	17° 9	22° 3	20°55	1° 6	n.a.	F 4
S 5	20 16 9	2° 5'59	11♓36	6°23	14°45	21°46	25°43	5°45	29°44	11°52	17°11	21°54	20°52	1°13	n.a.	S 5
S 6	20 20 6	3° 4'27	26° 6	8°12	16° 0	21°52	25°52	5°42	29°42	11°54	17°13	21°47	20°49	1°20	n.a.	S 6
M 7	20 24 2	4° 2'57	10♈ 7	10° 0	17°14	21°58	26° 1	5°38	29°40	11°56	17°14	21°43	20°46	1°26	n.a.	M 7
T 8	20 27 59	5° 1'29	23°39	11°47	18°29	22° 6	26° 9	5°34	29°38	11°58	17°16	21°40	20°42	1°33	n.a.	T 8
W 9	20 31 55	6° 0'03	6♉43	13°32	19°43	22°14	26°17	5°31	29°36	12° 0	17°18	21°D40	20°39	1°40	n.a.	W 9
T 10	20 35 52	6°58'40	19°24	15°17	20°58	22°22	26°26	5°27	29°34	12° 2	17°20	21°R40	20°36	1°46	n.a.	T 10
F 11	20 39 49	7°57'20	1♊47	17° 1	22°12	22°32	26°34	5°24	29°31	12° 4	17°22	21°40	20°33	1°53	n.a.	F 11
S 12	20 43 45	8°56'02	13°56	18°43	23°27	22°42	26°42	5°20	29°29	12° 6	17°24	21°38	20°30	2° 0	n.a.	S 12
S 13	20 47 42	9°54'46	25°55	20°25	24°41	22°53	26°50	5°17	29°27	12° 7	17°26	21°33	20°27	2° 7	n.a.	S 13
M14	20 51 38	10°53'32	7♋49	22° 6	25°56	23° 4	26°57	5°14	29°25	12° 9	17°28	21°26	20°23	2°13	n.a.	M14
T 15	20 55 35	11°52'21	19°40	23°45	27°11	23°17	27° 5	5°11	29°22	12°11	17°29	21°16	20°20	2°20	n.a.	T 15
W16	20 59 31	12°51'12	1♌31	25°24	28°25	23°30	27°12	5° 7	29°20	12°13	17°31	21° 4	20°17	2°27	n.a.	W16
T 17	21 3 28	13°50'05	13°23	27° 1	29°40	23°43	27°20	5° 4	29°18	12°15	17°33	20°49	20°14	2°33	n.a.	T 17
F 18	21 7 24	14°49'00	25°19	28°38	0♍54	23°57	27°27	5° 1	29°16	12°17	17°35	20°35	20°11	2°40	n.a.	F 18
S 19	21 11 21	15°47'57	7♍18	0♍14	2° 9	24°12	27°34	4°59	29°13	12°20	17°37	20°21	20° 8	2°47	n.a.	S 19
S 20	21 15 18	16°46'56	19°23	1°48	3°23	24°28	27°41	4°56	29°11	12°22	17°38	20°10	20° 4	2°54	n.a.	S 20
M21	21 19 14	17°45'58	1♎36	3°22	4°38	24°44	27°48	4°53	29° 8	12°24	17°40	20° 0	20° 1	3° 0	n.a.	M21
T 22	21 23 11	18°45'01	13°58	4°55	5°53	25° 1	27°54	4°50	29° 6	12°26	17°42	19°54	19°58	3° 7	n.a.	T 22
W23	21 27 7	19°44'06	26°33	6°27	7° 7	25°19	28° 0	4°48	29° 4	12°28	17°43	19°51	19°55	3°14	n.a.	W23
T 24	21 31 4	20°43'13	9♏23	7°58	8°22	25°37	28° 7	4°45	29° 1	12°30	17°45	19°50	19°52	3°20	n.a.	T 24
F 25	21 35 0	21°42'22	22°34	9°29	9°36	25°55	28°13	4°43	28°59	12°32	17°47	19°49	19°48	3°27	n.a.	F 25
S 26	21 38 57	22°41'33	6♐ 8	10°58	10°51	26°14	28°19	4°41	28°57	12°34	17°49	19°49	19°45	3°34	n.a.	S 26
S 27	21 42 53	23°40'46	20° 7	12°26	12° 5	26°34	28°25	4°39	28°54	12°36	17°50	19°47	19°42	3°41	n.a.	S 27
M28	21 46 50	24°40'01	4♑32	13°54	13°20	26°55	28°30	4°36	28°52	12°38	17°52	19°43	19°39	3°47	n.a.	M28
T 29	21 50 46	25°39'18	19°21	15°21	14°35	27°15	28°36	4°34	28°49	12°41	17°53	19°37	19°36	3°54	n.a.	T 29
W30	21 54 43	26°38'37	4♒27	16°46	15°49	27°37	28°41	4°33	28°47	12°43	17°55	19°27	19°33	4° 1	n.a.	W30
T 31	21 58 40	27♌37'58	19♒42	18♍11	17♍ 4	27♐58	28♉46	4♑31	28♒44	12♍45	17♋57	19♉17	19♉29	4♌ 7	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	20n51	27s 8	3s47	22n26	1n46	19n28	1n26	29s21	5s49	18n47	0s35	24s14	0s33	12s28	0s49	8n55	1n48	32n52	10n15	18n41	18n19	25n 0			n.a.
W 2	20 39	25 42	4 31	22 0	1 45	19 7	1 26	29 18	5 46	18 49	0 35	24 14	0 33	12 28	0 49	8 55	1 48	32 52	10 15	18 39	18 18	24 59			n.a.
T 3	20 26	22 22	4 57	21 32	1 43	18 45	1 26	29 16	5 44	18 52	0 35	24 14	0 33	12 29	0 49	8 54	1 48	32 52	10 16	18 37	18 17	24 58			n.a.
F 4	20 13	17 31	5 1	21 3	1 40	18 24	1 25	29 14	5 41	18 54	0 35	24 14	0 33	12 30	0 49	8 53	1 48	32 52	10 16	18 34	18 16	24 57			n.a.
S 5	20 0	11 42	4 45	20 32	1 37	18 1	1 25	29 11	5 39	18 56	0 35	24 14	0 33	12 31	0 49	8 52	1 48	32 52	10 16	18 32	18 15	24 56			n.a.
S 6	19 47	5 23	4 10	20 0	1 34	17 38	1 25	29 9	5 36	18 58	0 35	24 15	0 33	12 31	0 49	8 52	1 48	32 52	10 16	18 30	18 14	24 54			n.a.
M 7	19 33	0n59	3 21	19 28	1 30	17 15	1 24	29 7	5 33	19 0	0 35	24 15	0 33	12 32	0 49	8 51	1 48	32 52	10 16	18 29	18 14	24 53			n.a.
T 8	19 19	7 7	2 23	18 54	1 26	16 51	1 24	29 4	5 30	19 2	0 35	24 15	0 33	12 33	0 49	8 50	1 48	32 51	10 16	18 28	18 13	24 52			n.a.
W 9	19 4	12 44	1 18	18 19	1 21	16 27	1 23	29 2	5 27	19 4	0 35	24 15	0 33	12 34	0 49	8 49	1 48	32 51	10 16	18 28	18 12	24 50			n.a.
T 10	18 49	17 40	0 12	17 43	1 16	16 2	1 22	29 0	5 25	19 6	0 35	24 16	0 33	12 35	0 49	8 49	1 48	32 51	10 17	18 28	18 11	24 49			n.a.
F 11	18 34	21 43	0n53	17 7	1 11	15 37	1 22	28 57	5 22	19 8	0 35	24 16	0 33	12 35	0 49	8 48	1 48	32 51	10 17	18 28	18 10	24 48			n.a.
S 12	18 18	24 44	1 55	16 29	1 6	15 11	1 21	28 55	5 19	19 10	0 35	24 16	0 34	12 36	0 50	8 47	1 48	32 51	10 17	18 27	18 9	24 47			n.a.
S 13	18 3	26 36	2 51	15 52	1 0	14 45	1 20	28 53	5 16	19 12	0 35	24 16	0 34	12 37	0 50	8 46	1 47	32 51	10 17	18 26	18 8	24 45			n.a.
M14	17 46	27 13	3 38	15 13	0 54	14 19	1 19	28 50	5 13	19 14	0 34	24 16	0 34	12 38	0 50	8 45	1 47	32 51	10 17	18 24	18 8	24 44			n.a.
T 15	17 30	26 34	4 16	14 34	0 48	13 52	1 18	28 48	5 10	19 15	0 34	24 17	0 34	12 39	0 50	8 45	1 47	32 51	10 18	18 22	18 7	24 43			n.a.
W16	17 13	24 43	4 42	13 55	0 42	13 25	1 17	28 45	5 7	19 17	0 34	24 17	0 34	12 39	0 50	8 44	1 47	32 51	10 18	18 18	18 6	24 41			n.a.
T 17	16 56	21 48	4 57	13 15	0 36	12 57	1 16	28 43	5 4	19 19	0 34	24 17	0 34	12 40	0 50	8 43	1 47	32 51	10 18	18 15	18 5	24 40			n.a.
F 18	16 39	17 57	4 58	12 35	0 29	12 29	1 15	28 41	5 0	19 21	0 34	24 17	0 34	12 41	0 50	8 42	1 47	32 51	10 18	18 11	18 4	24 39			n.a.
S 19	16 21	13 23	4 47	11 55	0 22	12 1	1 13	28 38	4 57	19 22	0 34	24 17	0 34	12 42	0 50	8 41	1 47	32 51	10 18	18 7	18 3	24 37			n.a.
S 20	16 3	8 16	4 22	11 14	0 15	11 32	1 12	28 36	4 54	19 24	0 34	24 17	0 34	12 43	0 50	8 41	1 47	32 51	10 19	18 4	18 2	24 36			n.a.
M21	15 45	2 47	3 45	10 34	0 8	11 3	1 11	28 34	4 51	19 25	0 34	24 18	0 34	12 44	0 50	8 40	1 47	32 51	10 19	18 1	18 2	24 35			n.a.
T 22	15 27	2s53	2 57	9 53	0 1	10 34	1 9	28 31	4 48	19 27	0 34	24 18	0 34	12 44	0 50	8 39	1 47	32 51	10 19	18 0	18 1	24 33			n.a.
W23	15 8	8 33	2 0	9 12	0s 6	10 5	1 8	28 29	4 45	19 28	0 34	24 18	0 34	12 45	0 50	8 38	1 47	32 51	10 19	17 59	18 0	24 32			n.a.
T 24	14 49	13 59	0 55	8 31	0 13	9 35	1 6	28 26	4 42	19 30	0 34	24 18	0 34	12 46	0 50	8 37	1 47	32 51	10 19	17 58	17 59	24 30			n.a.
F 25	14 30	18 56	0s14	7 50	0 20	9 5	1 5	28 24	4 39	19 31	0 34	24 18	0 34	12 47	0 50	8 36	1 47	32 50	10 20	17 58	17 58	24 29			n.a.
S 26	14 10	23 4	1 25	7 9	0 28	8 35	1 3	28 21	4 36	19 32	0 34	24 18	0 34	12 48	0 50	8 36	1 47	32 50	10 20	17 58	17 57	24 28			n.a.
S 27	13 50	25 59	2 33	6 28	0 35	8 4	1 1	28 19	4 33	19 34	0 34	24 18	0 34	12 49	0 50	8 35	1 47	32 50	10 20	17 58	17 56	24 26			n.a.
M28	13 30	27 17	3 33	5 47	0 42	7 34	0 59	28 16	4 30	19 35	0 34	24 18	0 34	12 50	0 50	8 34	1 47	32 50	10 20	17 57	17 55	24 25			n.a.
T 29	13 10	26 41	4 20	5 6	0 50	7 3	0 58	28 14	4 26	19 36	0 34	24 19	0 34	12 50	0 50	8 33	1 47	32 51	10 21	17 55	17 55	24 23			n.a.
W30	12 50	24 8	4 50	4 26	0 57	6 32	0 56	28 11	4 23	19 37	0 34	24 19	0 34	12 51	0 50	8 32	1 47	32 51	10 21	17 52	17 54	24 22			n.a.
T 31	12n29	19s53	5s 0	3n46	1s 4	6n 1	0n54	28s 8	4s20	19n39	0s34	24s19	0s34	12s52	0s50	8n31	1n47	32n51	10n21	17n49	17n53	24n21			n.a.

Julian Day Number = 1351637.5, Delta T = 07h06m47s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'09, Lahiri = -17°56'08 Julian Calendar 1 Aug. 1013 BCE == Greg. Calendar 22 July 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

SEPTEMBER 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 2 36	28♌37'20	4♓54	19♍35	18♍18	28♐21	28♉51	4°R29	28°R42	12♍47	17♋58	19°R 5	19♉26	4♌14	n.a.	F 1
S 2	22 6 33	29°36'45	19°52	20°57	19°33	28°43	28°56	4♑27	28♒40	12°49	18° 0	18♉55	19°23	4°21	n.a.	S 2
S 3	22 10 29	0♍36'13	4♈29	22°19	20°47	29° 7	29° 0	4°26	28°37	12°52	18° 1	18°47	19°20	4°28	n.a.	S 3
M 4	22 14 26	1°35'42	18°37	23°39	22° 2	29°30	29° 5	4°24	28°35	12°54	18° 3	18°41	19°17	4°34	n.a.	M 4
T 5	22 18 22	2°35'14	2♉16	24°59	23°16	29°54	29° 9	4°23	28°32	12°56	18° 4	18°38	19°13	4°41	n.a.	T 5
W 6	22 22 19	3°34'49	15°26	26°17	24°31	0♑19	29°13	4°22	28°30	12°58	18° 6	18°D37	19°10	4°48	n.a.	W 6
T 7	22 26 15	4°34'26	28°11	27°34	25°45	0°44	29°17	4°21	28°27	13° 0	18° 7	18°38	19° 7	4°55	n.a.	T 7
F 8	22 30 12	5°34'05	10♊35	28°49	27° 0	1° 9	29°21	4°20	28°25	13° 3	18° 9	18°R38	19° 4	5° 1	n.a.	F 8
S 9	22 34 8	6°33'47	22°43	0♎ 3	28°14	1°35	29°24	4°19	28°23	13° 5	18°10	18°36	19° 1	5° 8	n.a.	S 9
S 10	22 38 5	7°33'32	4♋41	1°16	29°29	2° 1	29°28	4°18	28°20	13° 7	18°12	18°33	18°58	5°15	n.a.	S 10
M11	22 42 2	8°33'18	16°33	2°26	0♎43	2°28	29°31	4°17	28°18	13° 9	18°13	18°27	18°54	5°21	n.a.	M11
T 12	22 45 58	9°33'07	28°23	3°35	1°58	2°54	29°34	4°16	28°16	13°12	18°14	18°18	18°51	5°28	n.a.	T 12
W13	22 49 55	10°32'59	10♌15	4°42	3°12	3°22	29°37	4°16	28°13	13°14	18°16	18° 7	18°48	5°35	n.a.	W13
T 14	22 53 51	11°32'52	22°11	5°47	4°26	3°49	29°39	4°15	28°11	13°16	18°17	17°55	18°45	5°42	n.a.	T 14
F 15	22 57 48	12°32'48	4♍13	6°49	5°41	4°17	29°42	4°15	28° 8	13°18	18°18	17°42	18°42	5°48	n.a.	F 15
S 16	23 1 44	13°32'45	16°22	7°48	6°55	4°46	29°44	4°15	28° 6	13°21	18°20	17°30	18°39	5°55	n.a.	S 16
S 17	23 5 41	14°32'45	28°38	8°45	8°10	5°14	29°46	4°15	28° 4	13°23	18°21	17°19	18°35	6° 2	n.a.	S 17
M18	23 9 37	15°32'47	11♎ 4	9°38	9°24	5°43	29°48	4°D15	28° 2	13°25	18°22	17°11	18°32	6° 8	n.a.	M18
T 19	23 13 34	16°32'50	23°39	10°27	10°39	6°13	29°49	4°15	27°59	13°27	18°23	17° 6	18°29	6°15	n.a.	T 19
W20	23 17 31	17°32'56	6♏26	11°13	11°53	6°42	29°51	4°15	27°57	13°29	18°24	17° 3	18°26	6°22	n.a.	W20
T 21	23 21 27	18°33'03	19°25	11°54	13° 7	7°12	29°52	4°15	27°55	13°32	18°26	17°D 2	18°23	6°29	n.a.	T 21
F 22	23 25 24	19°33'12	2♐39	12°29	14°22	7°42	29°53	4°16	27°53	13°34	18°27	17° 3	18°19	6°35	n.a.	F 22
S 23	23 29 20	20°33'23	16°11	13° 0	15°36	8°13	29°54	4°16	27°50	13°36	18°28	17°R 4	18°16	6°42	n.a.	S 23
S 24	23 33 17	21°33'36	0♑ 2	13°24	16°51	8°44	29°55	4°17	27°48	13°38	18°29	17° 4	18°13	6°49	n.a.	S 24
M25	23 37 13	22°33'50	14°12	13°41	18° 5	9°15	29°55	4°17	27°46	13°41	18°30	17° 2	18°10	6°55	n.a.	M25
T 26	23 41 10	23°34'06	28°41	13°51	19°19	9°46	29°55	4°18	27°44	13°43	18°31	16°57	18° 7	7° 2	n.a.	T 26
W27	23 45 6	24°34'23	13♒25	13°R54	20°33	10°17	29°R55	4°19	27°42	13°45	18°32	16°51	18° 4	7° 9	n.a.	W27
T 28	23 49 3	25°34'42	28°18	13°47	21°48	10°49	29°55	4°20	27°40	13°47	18°33	16°43	18° 0	7°16	n.a.	T 28
F 29	23 52 59	26°35'03	13♓11	13°31	23° 2	11°21	29°55	4°21	27°38	13°50	18°34	16°35	17°57	7°22	n.a.	F 29
S 30	23 56 56	27♍35'25	27♓56	13♎ 6	24♎16	11♑53	29♉54	4♑22	27♒36	13♍52	18♋35	16♉27	17♉54	7♌29	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n 8	14s20	4s49	3n 6	1s12	5n29	0n52	28s 6	4s17	19n40	0s34	24s19	0s34	12s53	0s50	8n31	1n47	32n51	10n21	17n46	17n52	24n19		n.a.
S 2	11 47	8 1	4 18	2 26	1 19	4 58	0 50	28 3	4 14	19 41	0 34	24 19	0 35	12 54	0 50	8 30	1 47	32 51	10 22	17 43	17 51	24 18		n.a.
S 3	11 26	1 24	3 31	1 47	1 26	4 26	0 48	28 0	4 11	19 42	0 34	24 19	0 35	12 55	0 50	8 29	1 47	32 51	10 22	17 41	17 50	24 16		n.a.
M 4	11 5	5n 5	2 32	1 8	1 33	3 54	0 46	27 57	4 8	19 43	0 34	24 19	0 35	12 56	0 50	8 28	1 47	32 51	10 22	17 39	17 49	24 15		n.a.
T 5	10 43	11 7	1 25	0 29	1 41	3 23	0 43	27 54	4 5	19 44	0 34	24 19	0 35	12 56	0 50	8 27	1 47	32 51	10 23	17 39	17 48	24 13		n.a.
W 6	10 21	16 27	0 17	0s 8	1 48	2 51	0 41	27 51	4 2	19 45	0 34	24 19	0 35	12 57	0 50	8 26	1 47	32 51	10 23	17 38	17 48	24 12		n.a.
T 7	9 59	20 53	0n50	0 46	1 54	2 18	0 39	27 48	3 59	19 46	0 34	24 19	0 35	12 58	0 50	8 25	1 47	32 51	10 23	17 38	17 47	24 10		n.a.
F 8	9 37	24 16	1 54	1 22	2 1	1 46	0 37	27 45	3 56	19 46	0 34	24 19	0 35	12 59	0 50	8 24	1 47	32 51	10 23	17 38	17 46	24 9		n.a.
S 9	9 15	26 27	2 50	1 58	2 8	1 14	0 34	27 42	3 53	19 47	0 34	24 20	0 35	13 0	0 50	8 24	1 47	32 51	10 24	17 38	17 45	24 7		n.a.
S 10	8 52	27 22	3 39	2 33	2 14	0 42	0 32	27 39	3 50	19 48	0 34	24 20	0 35	13 1	0 50	8 23	1 47	32 51	10 24	17 37	17 44	24 6		n.a.
M11	8 29	27 1	4 17	3 7	2 20	0 10	0 30	27 35	3 48	19 49	0 34	24 20	0 35	13 2	0 50	8 22	1 47	32 51	10 24	17 35	17 43	24 4		n.a.
T 12	8 7	25 26	4 44	3 40	2 26	0s23	0 27	27 32	3 45	19 49	0 34	24 20	0 35	13 2	0 50	8 21	1 47	32 51	10 25	17 33	17 42	24 3		n.a.
W13	7 44	22 44	4 59	4 13	2 32	0 55	0 25	27 28	3 42	19 50	0 34	24 20	0 35	13 3	0 50	8 20	1 47	32 51	10 25	17 30	17 41	24 1		n.a.
T 14	7 21	19 4	5 1	4 43	2 37	1 27	0 22	27 25	3 39	19 51	0 34	24 20	0 35	13 4	0 50	8 19	1 47	32 52	10 25	17 26	17 40	24 0		n.a.
F 15	6 57	14 36	4 50	5 13	2 42	2 0	0 20	27 21	3 36	19 51	0 34	24 20	0 35	13 5	0 50	8 18	1 47	32 52	10 26	17 23	17 40	23 58		n.a.
S 16	6 34	9 31	4 25	5 41	2 46	2 32	0 17	27 17	3 33	19 52	0 34	24 20	0 35	13 6	0 50	8 18	1 47	32 52	10 26	17 19	17 39	23 57		n.a.
S 17	6 11	4 1	3 48	6 7	2 51	3 4	0 14	27 13	3 30	19 52	0 34	24 20	0 35	13 6	0 50	8 17	1 47	32 52	10 26	17 16	17 38	23 55		n.a.
M18	5 47	1s42	2 59	6 32	2 54	3 36	0 12	27 9	3 28	19 52	0 34	24 20	0 35	13 7	0 50	8 16	1 47	32 52	10 27	17 14	17 37	23 54		n.a.
T 19	5 23	7 27	2 1	6 55	2 57	4 8	0 9	27 5	3 25	19 53	0 34	24 20	0 35	13 8	0 50	8 15	1 47	32 52	10 27	17 12	17 36	23 52		n.a.
W20	5 0	12 59	0 56	7 15	3 0	4 40	0 7	27 1	3 22	19 53	0 34	24 20	0 35	13 9	0 50	8 14	1 47	32 52	10 27	17 12	17 35	23 50		n.a.
T 21	4 36	18 4	0s13	7 33	3 2	5 12	0 4	26 56	3 19	19 53	0 34	24 20	0 35	13 10	0 49	8 13	1 47	32 53	10 28	17 11	17 34	23 49		n.a.
F 22	4 12	22 22	1 23	7 48	3 3	5 44	0 1	26 52	3 17	19 54	0 34	24 20	0 35	13 10	0 49	8 12	1 47	32 53	10 28	17 12	17 33	23 47		n.a.
S 23	3 48	25 34	2 29	8 0	3 3	6 16	0s 2	26 47	3 14	19 54	0 34	24 20	0 35	13 11	0 49	8 11	1 47	32 53	10 28	17 12	17 32	23 46		n.a.
S 24	3 24	27 18	3 29	8 9	3 2	6 47	0 4	26 43	3 11	19 54	0 34	24 20	0 35	13 12	0 49	8 11	1 47	32 53	10 29	17 12	17 32	23 44		n.a.
M25	3 0	27 19	4 18	8 14	3 0	7 18	0 7	26 38	3 9	19 54	0 34	24 20	0 35	13 13	0 49	8 10	1 47	32 53	10 29	17 11	17 31	23 42		n.a.
T 26	2 36	25 29	4 51	8 15	2 57	7 50	0 10	26 33	3 6	19 54	0 34	24 20	0 35	13 13	0 49	8 9	1 47	32 53	10 29	17 10	17 30	23 41		n.a.
W27	2 11	21 55	5 5	8 12	2 52	8 21	0 13	26 28	3 4	19 54	0 34	24 20	0 35	13 14	0 49	8 8	1 47	32 54	10 30	17 8	17 29	23 39		n.a.
T 28	1 47	16 55	5 0	8 4	2 46	8 52	0 15	26 23	3 1	19 54	0 34	24 20	0 35	13 15	0 49	8 7	1 47	32 54	10 30	17 6	17 28	23 38		n.a.
F 29	1 23	10 55	4 34	7 51	2 39	9 22	0 18	26 17	2 59	19 54	0 34	24 20	0 35	13 15	0 49	8 6	1 47	32 54	10 30	17 3	17 27	23 36		n.a.
S 30	0n58	4s20	3s50	7s33	2s30	9s53	0s21	26s12	2s56	19n54	0s34	24s20	0s35	13s16	0s49	8n 5	1n47	32n54	10n31	17n 1	17n26	23n34		n.a.

Julian Day Number = 1351668.5, Delta T = 07h06m46s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'04, Lahiri = -17°56'04 Julian Calendar 1 Sept. 1013 BCE == Greg. Calendar 22 Aug. 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

OCTOBER 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 53	28♍35'49	12♈25	12°R31	25♎31	12♑26	29°R54	4♑24	27°R34	13♍54	18♋36	16°R21	17♉51	7♌36	n.a.	S 1
M 2	0 4 49	29°36'15	26°31	11♎46	26°45	12°59	29♉53	4°25	27♒32	13°56	18°37	16♉17	17°48	7°43	n.a.	M 2
T 3	0 8 46	0♎36'44	10♉12	10°51	27°59	13°31	29°51	4°27	27°30	13°58	18°37	16°D16	17°44	7°49	n.a.	T 3
W 4	0 12 42	1°37'14	23°26	9°48	29°13	14° 4	29°50	4°28	27°28	14° 0	18°38	16°16	17°41	7°56	n.a.	W 4
T 5	0 16 39	2°37'46	6♊16	8°38	0♏27	14°38	29°49	4°30	27°26	14° 3	18°39	16°17	17°38	8° 3	n.a.	T 5
F 6	0 20 35	3°38'20	18°45	7°22	1°42	15°11	29°47	4°32	27°24	14° 5	18°40	16°18	17°35	8° 9	n.a.	F 6
S 7	0 24 32	4°38'56	0♋56	6° 2	2°56	15°45	29°45	4°34	27°22	14° 7	18°40	16°R19	17°32	8°16	n.a.	S 7
S 8	0 28 28	5°39'34	12°56	4°42	4°10	16°19	29°43	4°36	27°21	14° 9	18°41	16°19	17°29	8°23	n.a.	S 8
M 9	0 32 25	6°40'14	24°49	3°23	5°24	16°53	29°40	4°38	27°19	14°11	18°42	16°17	17°25	8°30	n.a.	M 9
T 10	0 36 22	7°40'55	6♌41	2° 8	6°38	17°27	29°38	4°40	27°17	14°13	18°42	16°13	17°22	8°36	n.a.	T 10
W11	0 40 18	8°41'39	18°34	1° 0	7°52	18° 1	29°35	4°43	27°16	14°15	18°43	16° 8	17°19	8°43	n.a.	W11
T 12	0 44 15	9°42'24	0♍34	0° 1	9° 6	18°36	29°32	4°45	27°14	14°17	18°44	16° 2	17°16	8°50	n.a.	T 12
F 13	0 48 11	10°43'11	12°42	29♍12	10°20	19°11	29°29	4°47	27°12	14°19	18°44	15°55	17°13	8°56	n.a.	F 13
S 14	0 52 8	11°43'59	25° 1	28°34	11°34	19°46	29°26	4°50	27°11	14°21	18°45	15°48	17°10	9° 3	n.a.	S 14
S 15	0 56 4	12°44'49	7♎31	28° 7	12°49	20°21	29°22	4°53	27° 9	14°24	18°45	15°43	17° 6	9°10	n.a.	S 15
M16	1 0 1	13°45'41	20°14	27°52	14° 3	20°56	29°19	4°56	27° 8	14°26	18°46	15°39	17° 3	9°17	n.a.	M16
T 17	1 3 57	14°46'33	3♏10	27°D49	15°17	21°31	29°15	4°59	27° 7	14°28	18°46	15°36	17° 0	9°23	n.a.	T 17
W18	1 7 54	15°47'27	16°18	27°56	16°31	22° 7	29°11	5° 2	27° 5	14°30	18°46	15°D36	16°57	9°30	n.a.	W18
T 19	1 11 51	16°48'23	29°37	28°14	17°44	22°42	29° 6	5° 5	27° 4	14°32	18°47	15°36	16°54	9°37	n.a.	T 19
F 20	1 15 47	17°49'19	13♐ 8	28°41	18°58	23°18	29° 2	5° 8	27° 3	14°33	18°47	15°38	16°50	9°44	n.a.	F 20
S 21	1 19 44	18°50'17	26°51	29°16	20°12	23°54	28°57	5°11	27° 1	14°35	18°47	15°39	16°47	9°50	n.a.	S 21
S 22	1 23 40	19°51'16	10♑45	29°58	21°26	24°30	28°53	5°14	27° 0	14°37	18°48	15°41	16°44	9°57	n.a.	S 22
M23	1 27 37	20°52'15	24°49	0♎47	22°40	25° 6	28°48	5°18	26°59	14°39	18°48	15°R41	16°41	10° 4	n.a.	M23
T 24	1 31 33	21°53'15	9♒ 4	1°42	23°54	25°43	28°43	5°22	26°58	14°41	18°48	15°40	16°38	10°10	n.a.	T 24
W25	1 35 30	22°54'16	23°25	2°42	25° 8	26°19	28°37	5°25	26°57	14°43	18°48	15°38	16°35	10°17	n.a.	W25
T 26	1 39 26	23°55'18	7♓50	3°46	26°22	26°56	28°32	5°29	26°56	14°45	18°48	15°35	16°31	10°24	n.a.	T 26
F 27	1 43 23	24°56'21	22°14	4°55	27°35	27°32	28°26	5°33	26°55	14°47	18°49	15°32	16°28	10°31	n.a.	F 27
S 28	1 47 20	25°57'24	6♈31	6° 6	28°49	28° 9	28°20	5°37	26°54	14°48	18°49	15°29	16°25	10°37	n.a.	S 28
S 29	1 51 16	26°58'28	20°37	7°21	0♐ 3	28°46	28°15	5°41	26°53	14°50	18°49	15°27	16°22	10°44	n.a.	S 29
M30	1 55 13	27°59'34	4♉28	8°38	1°16	29°23	28° 8	5°45	26°52	14°52	18°R49	15°26	16°19	10°51	n.a.	M30
T 31	1 59 9	29♎ 0'40	17♉58	9♎57	2♐30	29♑59	28♉ 2	5♑49	26♒51	14♍54	18♋49	15°D26	16♉16	10♌58	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	0n34	2n21	2s52	7s 8	2s19	10s23	0s24	26s 6	2s53	19n54	0s34	24s20	0s35	13s17	0s49	8n 5	1n47	32n55	10n31	16n59	17n25	23n33			n.a.
M 2	0 10	8 46	1 44	6 39	2 6	10 53	0 26	26 1	2 51	19 54	0 33	24 20	0 35	13 17	0 49	8 4	1 47	32 55	10 31	16 58	17 24	23 31			n.a.
T 3	0s15	14 36	0 33	6 4	1 51	11 23	0 29	25 55	2 49	19 54	0 33	24 20	0 35	13 18	0 49	8 3	1 47	32 55	10 32	16 58	17 23	23 29			n.a.
W 4	0 39	19 33	0n39	5 24	1 35	11 52	0 32	25 49	2 46	19 53	0 33	24 20	0 35	13 19	0 49	8 2	1 47	32 55	10 32	16 58	17 23	23 28			n.a.
T 5	1 4	23 26	1 46	4 39	1 17	12 21	0 35	25 43	2 44	19 53	0 33	24 20	0 35	13 19	0 49	8 1	1 47	32 56	10 33	16 58	17 22	23 26			n.a.
F 6	1 28	26 6	2 47	3 51	0 58	12 50	0 37	25 36	2 41	19 53	0 33	24 20	0 35	13 20	0 49	8 0	1 47	32 56	10 33	16 59	17 21	23 24			n.a.
S 7	1 53	27 27	3 38	3 0	0 37	13 19	0 40	25 30	2 39	19 52	0 33	24 20	0 36	13 21	0 49	8 0	1 47	32 56	10 33	16 59	17 20	23 23			n.a.
S 8	2 17	27 29	4 19	2 9	0 17	13 47	0 43	25 23	2 36	19 52	0 33	24 20	0 36	13 21	0 49	7 59	1 48	32 56	10 34	16 59	17 19	23 21			n.a.
M 9	2 41	26 14	4 49	1 18	0n 4	14 15	0 46	25 17	2 34	19 52	0 33	24 20	0 36	13 22	0 49	7 58	1 48	32 57	10 34	16 58	17 18	23 19			n.a.
T 10	3 6	23 49	5 6	0 30	0 24	14 42	0 48	25 10	2 32	19 51	0 33	24 20	0 36	13 22	0 49	7 57	1 48	32 57	10 34	16 57	17 17	23 18			n.a.
W11	3 30	20 24	5 10	0n15	0 43	15 9	0 51	25 3	2 29	19 51	0 33	24 20	0 36	13 23	0 49	7 56	1 48	32 57	10 35	16 56	17 16	23 16			n.a.
T 12	3 54	16 7	5 0	0 56	1 1	15 36	0 54	24 56	2 27	19 50	0 33	24 19	0 36	13 23	0 49	7 56	1 48	32 57	10 35	16 54	17 15	23 14			n.a.
F 13	4 18	11 9	4 37	1 31	1 18	16 3	0 56	24 49	2 25	19 49	0 33	24 19	0 36	13 24	0 49	7 55	1 48	32 58	10 36	16 52	17 14	23 12			n.a.
S 14	4 43	5 41	4 1	2 0	1 33	16 29	0 59	24 41	2 23	19 49	0 33	24 19	0 36	13 24	0 49	7 54	1 48	32 58	10 36	16 50	17 13	23 11			n.a.
S 15	5 7	0s 5	3 13	2 22	1 46	16 54	1 2	24 34	2 20	19 48	0 33	24 19	0 36	13 25	0 49	7 53	1 48	32 58	10 36	16 48	17 13	23 9			n.a.
M16	5 31	5 58	2 14	2 38	1 56	17 19	1 4	24 26	2 18	19 47	0 33	24 19	0 36	13 25	0 49	7 53	1 48	32 59	10 37	16 47	17 12	23 7			n.a.
T 17	5 55	11 42	1 7	2 48	2 6	17 44	1 7	24 18	2 16	19 46	0 33	24 19	0 36	13 26	0 49	7 52	1 48	32 59	10 37	16 46	17 11	23 5			n.a.
W18	6 19	17 2	0s 4	2 51	2 13	18 8	1 9	24 10	2 14	19 46	0 33	24 19	0 36	13 26	0 49	7 51	1 48	32 59	10 37	16 46	17 10	23 4			n.a.
T 19	6 42	21 38	1 16	2 50	2 18	18 32	1 12	24 2	2 12	19 45	0 33	24 19	0 36	13 27	0 49	7 50	1 48	33 0	10 38	16 46	17 9	23 2			n.a.
F 20	7 6	25 8	2 25	2 43	2 23	18 55	1 14	23 54	2 10	19 44	0 33	24 19	0 36	13 27	0 49	7 50	1 48	33 0	10 38	16 47	17 8	23 0			n.a.
S 21	7 30	27 14	3 27	2 31	2 25	19 18	1 17	23 45	2 7	19 43	0 32	24 19	0 36	13 28	0 49	7 49	1 48	33 0	10 39	16 47	17 7	22 58			n.a.
S 22	7 53	27 39	4 18	2 15	2 27	19 41	1 19	23 37	2 5	19 42	0 32	24 19	0 36	13 28	0 49	7 48	1 48	33 1	10 39	16 48	17 6	22 57			n.a.
M23	8 16	26 19	4 54	1 55	2 27	20 2	1 21	23 28	2 3	19 41	0 32	24 18	0 36	13 28	0 49	7 47	1 48	33 1	10 39	16 48	17 5	22 55			n.a.
T 24	8 39	23 17	5 12	1 33	2 26	20 24	1 24	23 19	2 1	19 40	0 32	24 18	0 36	13 29	0 49	7 47	1 48	33 1	10 40	16 47	17 4	22 53			n.a.
W25	9 3	18 49	5 11	1 7	2 25	20 44	1 26	23 10	1 59	19 39	0 32	24 18	0 36	13 29	0 49	7 46	1 48	33 2	10 40	16 47	17 3	22 51			n.a.
T 26	9 25	13 15	4 51	0 39	2 22	21 4	1 28	23 1	1 57	19 38	0 32	24 18	0 36	13 29	0 49	7 45	1 48	33 2	10 41	16 46	17 2	22 49			n.a.
F 27	9 48	6 59	4 12	0 8	2 19	21 24	1 30	22 52	1 55	19 36	0 32	24 18	0 36	13 30	0 48	7 45	1 48	33 2	10 41	16 45	17 1	22 48			n.a.
S 28	10 11	0 24	3 18	0s24	2 15	21 43	1 32	22 42	1 53	19 35	0 32	24 18	0 36	13 30	0 48	7 44	1 48	33 3	10 41	16 44	17 1	22 46			n.a.
S 29	10 33	6n 8	2 13	0 58	2 11	22 1	1 34	22 33	1 51	19 34	0 32	24 18	0 36	13 30	0 48	7 43	1 48	33 3	10 42	16 44	17 0	22 44			n.a.
M30	10 56	12 16	1 0	1 33	2 6	22 19	1 36	22 23	1 49	19 33	0 32	24 17	0 36	13 30	0 48	7 43	1 48	33 4	10 42	16 43	16 59	22 42			n.a.
T 31	11s18	17n41	0n14	2s 9	2n 1	22s36	1s38	22s13	1s47	19n31	0s32	24s17	0s36	13s31	0s48	7n42	1n48	33n 4	10n43	16n43	16n58	22n40			n.a.

Julian Day Number = 1351698.5, Delta T = 07h06m44s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°03'00, Lahiri = -17°56'00 Julian Calendar 1 Oct. 1013 BCE == Greg. Calendar 21 Sept. 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

NOVEMBER 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 3 6	0♏ 1'47	1♊ 9	11♎17	3♐44	0♒37	27°R56	5♑53	26°R51	14♍55	18°R49	15♉26	16♉12	11♌ 4	n.a.	W 1
T 2	2 7 2	1° 2'55	13°58	12°40	4°57	1°14	27♉49	5°57	26♒50	14°57	18♋49	15°27	16° 9	11°11	n.a.	T 2
F 3	2 10 59	2° 4'05	26°29	14° 3	6°11	1°51	27°43	6° 2	26°49	14°59	18°49	15°28	16° 6	11°18	n.a.	F 3
S 4	2 14 55	3° 5'15	8♋44	15°28	7°24	2°29	27°36	6° 6	26°49	15° 1	18°48	15°30	16° 3	11°24	n.a.	S 4
S 5	2 18 52	4° 6'26	20°47	16°54	8°38	3° 6	27°29	6°11	26°48	15° 2	18°48	15°31	16° 0	11°31	n.a.	S 5
M 6	2 22 49	5° 7'39	2♌42	18°21	9°51	3°44	27°22	6°16	26°48	15° 4	18°48	15°R31	15°56	11°38	n.a.	M 6
T 7	2 26 45	6° 8'52	14°34	19°49	11° 4	4°21	27°15	6°20	26°47	15° 5	18°48	15°31	15°53	11°45	n.a.	T 7
W 8	2 30 42	7°10'06	26°28	21°17	12°18	4°59	27° 8	6°25	26°47	15° 7	18°48	15°30	15°50	11°51	n.a.	W 8
T 9	2 34 38	8°11'21	8♍29	22°45	13°31	5°37	27° 1	6°30	26°47	15° 8	18°47	15°29	15°47	11°58	n.a.	T 9
F 10	2 38 35	9°12'36	20°40	24°15	14°44	6°14	26°53	6°35	26°46	15°10	18°47	15°29	15°44	12° 5	n.a.	F 10
S 11	2 42 31	10°13'52	3♎ 5	25°44	15°58	6°52	26°46	6°40	26°46	15°11	18°47	15°28	15°41	12°11	n.a.	S 11
S 12	2 46 28	11°15'09	15°46	27°14	17°11	7°30	26°38	6°45	26°46	15°13	18°46	15°27	15°37	12°18	n.a.	S 12
M13	2 50 25	12°16'27	28°44	28°45	18°24	8° 8	26°31	6°50	26°46	15°14	18°46	15°27	15°34	12°25	n.a.	M13
T 14	2 54 21	13°17'44	12♏ 1	0♏16	19°37	8°46	26°23	6°55	26°46	15°16	18°46	15°D27	15°31	12°32	n.a.	T 14
W15	2 58 18	14°19'03	25°34	1°47	20°50	9°25	26°15	7° 1	26°D46	15°17	18°45	15°27	15°28	12°38	n.a.	W15
T 16	3 2 14	15°20'21	9♐21	3°18	22° 3	10° 3	26° 7	7° 6	26°46	15°18	18°45	15°R27	15°25	12°45	n.a.	T 16
F 17	3 6 11	16°21'40	23°20	4°50	23°16	10°41	25°59	7°12	26°46	15°20	18°44	15°27	15°22	12°52	n.a.	F 17
S 18	3 10 7	17°22'59	7♑27	6°22	24°29	11°19	25°51	7°17	26°46	15°21	18°44	15°27	15°18	12°59	n.a.	S 18
S 19	3 14 4	18°24'18	21°39	7°54	25°42	11°58	25°43	7°23	26°46	15°22	18°43	15°26	15°15	13° 5	n.a.	S 19
M20	3 18 0	19°25'36	5♒52	9°26	26°55	12°36	25°35	7°28	26°46	15°23	18°42	15°26	15°12	13°12	n.a.	M20
T 21	3 21 57	20°26'54	20° 5	10°59	28° 8	13°15	25°27	7°34	26°47	15°25	18°42	15°D26	15° 9	13°19	n.a.	T 21
W22	3 25 54	21°28'12	4♓14	12°32	29°20	13°53	25°19	7°40	26°47	15°26	18°41	15°26	15° 6	13°25	n.a.	W22
T 23	3 29 50	22°29'30	18°17	14° 5	0♑33	14°32	25°11	7°45	26°47	15°27	18°40	15°26	15° 2	13°32	n.a.	T 23
F 24	3 33 47	23°30'47	2♈13	15°39	1°46	15°11	25° 3	7°51	26°48	15°28	18°40	15°27	14°59	13°39	n.a.	F 24
S 25	3 37 43	24°32'04	16° 1	17°12	2°58	15°49	24°55	7°57	26°48	15°29	18°39	15°28	14°56	13°46	n.a.	S 25
S 26	3 41 40	25°33'20	29°37	18°47	4°11	16°28	24°47	8° 3	26°49	15°30	18°38	15°29	14°53	13°52	n.a.	S 26
M27	3 45 36	26°34'37	13♉ 2	20°21	5°23	17° 7	24°39	8° 9	26°49	15°31	18°38	15°R29	14°50	13°59	n.a.	M27
T 28	3 49 33	27°35'53	26°13	21°56	6°35	17°46	24°31	8°15	26°50	15°32	18°37	15°29	14°47	14° 6	n.a.	T 28
W29	3 53 30	28°37'09	9♊ 9	23°31	7°47	18°24	24°22	8°22	26°51	15°33	18°36	15°28	14°43	14°13	n.a.	W29
T 30	3 57 26	29♏38'25	21♊50	25♏ 7	9♑ 0	19♒ 3	24♉14	8♑28	26♒51	15♍34	18♋35	15♉26	14♉40	14♌19	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11 s40	22n 7	1n26	2 s46	1n56	22 s52	1 s40	22 s 3	1 s45	19n30	0 s32	24 s17	0 s36	13 s31	0 s48	7n41	1n48	33n 4	10n43	16n43	16n57	22n38		n.a.
T 2	12 1	25 20	2 31	3 24	1 50	23 8	1 42	21 53	1 44	19 29	0 31	24 17	0 36	13 31	0 48	7 41	1 48	33 5	10 43	16 44	16 56	22 37		n.a.
F 3	12 23	27 14	3 28	4 2	1 44	23 23	1 44	21 43	1 42	19 27	0 31	24 17	0 36	13 31	0 48	7 40	1 49	33 5	10 44	16 44	16 55	22 35		n.a.
S 4	12 44	27 45	4 14	4 41	1 37	23 37	1 45	21 32	1 40	19 26	0 31	24 17	0 36	13 31	0 48	7 40	1 49	33 5	10 44	16 44	16 54	22 33		n.a.
S 5	13 5	26 55	4 48	5 21	1 31	23 51	1 47	21 22	1 38	19 24	0 31	24 16	0 36	13 32	0 48	7 39	1 49	33 6	10 44	16 45	16 53	22 31		n.a.
M 6	13 26	24 52	5 9	6 0	1 24	24 4	1 49	21 11	1 36	19 23	0 31	24 16	0 36	13 32	0 48	7 38	1 49	33 6	10 45	16 45	16 52	22 29		n.a.
T 7	13 47	21 45	5 17	6 40	1 18	24 17	1 50	21 0	1 34	19 21	0 31	24 16	0 36	13 32	0 48	7 38	1 49	33 7	10 45	16 45	16 51	22 27		n.a.
W 8	14 7	17 45	5 11	7 20	1 11	24 28	1 52	20 49	1 33	19 20	0 31	24 16	0 36	13 32	0 48	7 37	1 49	33 7	10 46	16 44	16 50	22 25		n.a.
T 9	14 27	13 0	4 52	8 0	1 4	24 39	1 53	20 38	1 31	19 18	0 31	24 16	0 36	13 32	0 48	7 37	1 49	33 8	10 46	16 44	16 49	22 23		n.a.
F 10	14 47	7 43	4 19	8 40	0 57	24 49	1 54	20 27	1 29	19 16	0 31	24 15	0 36	13 32	0 48	7 36	1 49	33 8	10 46	16 44	16 48	22 22		n.a.
S 11	15 7	2 1	3 34	9 20	0 50	24 59	1 56	20 15	1 27	19 15	0 31	24 15	0 36	13 32	0 48	7 36	1 49	33 8	10 47	16 44	16 48	22 20		n.a.
S 12	15 27	3 s53	2 37	9 59	0 43	25 7	1 57	20 4	1 26	19 13	0 30	24 15	0 36	13 32	0 48	7 35	1 49	33 9	10 47	16 44	16 47	22 18		n.a.
M13	15 46	9 47	1 31	10 38	0 36	25 15	1 58	19 52	1 24	19 11	0 30	24 15	0 36	13 32	0 48	7 35	1 49	33 9	10 48	16 43	16 46	22 16		n.a.
T 14	16 5	15 23	0 19	11 17	0 29	25 23	1 59	19 40	1 22	19 10	0 30	24 14	0 36	13 32	0 48	7 34	1 49	33 10	10 48	16 43	16 45	22 14		n.a.
W15	16 23	20 21	0 s56	11 56	0 22	25 29	2 0	19 28	1 21	19 8	0 30	24 14	0 36	13 32	0 48	7 34	1 49	33 10	10 48	16 43	16 44	22 12		n.a.
T 16	16 42	24 19	2 9	12 35	0 15	25 35	2 0	19 16	1 19	19 6	0 30	24 14	0 37	13 32	0 48	7 33	1 49	33 11	10 49	16 43	16 43	22 10		n.a.
F 17	17 0	26 54	3 15	13 12	0 8	25 40	2 1	19 4	1 17	19 5	0 30	24 14	0 37	13 32	0 48	7 33	1 49	33 11	10 49	16 43	16 42	22 8		n.a.
S 18	17 17	27 46	4 10	13 50	0 1	25 44	2 2	18 52	1 16	19 3	0 30	24 13	0 37	13 32	0 48	7 32	1 49	33 11	10 49	16 43	16 41	22 6		n.a.
S 19	17 35	26 49	4 50	14 27	0 s 6	25 47	2 2	18 39	1 14	19 1	0 29	24 13	0 37	13 32	0 48	7 32	1 49	33 12	10 50	16 43	16 40	22 4		n.a.
M20	17 52	24 8	5 13	15 3	0 12	25 50	2 3	18 27	1 12	18 59	0 29	24 13	0 37	13 32	0 48	7 31	1 49	33 12	10 50	16 43	16 39	22 2		n.a.
T 21	18 9	20 0	5 16	15 39	0 19	25 52	2 3	18 14	1 11	18 57	0 29	24 12	0 37	13 32	0 48	7 31	1 50	33 13	10 50	16 43	16 38	22 0		n.a.
W22	18 25	14 45	5 0	16 15	0 25	25 53	2 4	18 1	1 9	18 56	0 29	24 12	0 37	13 31	0 47	7 31	1 50	33 13	10 51	16 43	16 37	21 58		n.a.
T 23	18 41	8 47	4 26	16 49	0 32	25 53	2 4	17 49	1 8	18 54	0 29	24 12	0 37	13 31	0 47	7 30	1 50	33 14	10 51	16 43	16 36	21 56		n.a.
F 24	18 57	2 25	3 37	17 23	0 38	25 52	2 4	17 36	1 6	18 52	0 29	24 12	0 37	13 31	0 47	7 30	1 50	33 14	10 51	16 44	16 35	21 54		n.a.
S 25	19 12	4n 0	2 36	17 57	0 44	25 51	2 4	17 22	1 5	18 50	0 29	24 11	0 37	13 31	0 47	7 29	1 50	33 15	10 52	16 44	16 34	21 52		n.a.
S 26	19 27	10 10	1 27	18 29	0 50	25 49	2 4	17 9	1 3	18 48	0 28	24 11	0 37	13 31	0 47	7 29	1 50	33 15	10 52	16 44	16 33	21 50		n.a.
M27	19 42	15 47	0 14	19 1	0 56	25 46	2 4	16 56	1 2	18 46	0 28	24 11	0 37	13 30	0 47	7 29	1 50	33 15	10 53	16 44	16 32	21 48		n.a.
T 28	19 56	20 34	0n59	19 32	1 2	25 43	2 4	16 42	1 0	18 45	0 28	24 10	0 37	13 30	0 47	7 28	1 50	33 16	10 53	16 44	16 31	21 46		n.a.
W29	20 10	24 16	2 7	20 2	1 7	25 38	2 3	16 29	0 59	18 43	0 28	24 10	0 37	13 30	0 47	7 28	1 50	33 16	10 53	16 44	16 31	21 44		n.a.
T 30	20 s24	26n41	3n 8	20 s31	1 s13	25 s33	2 s 3	16 s15	0 s57	18n41	0 s28	24 s10	0 s37	13 s30	0 s47	7n28	1n50	33n17	10n53	16n43	16n30	21n42		n.a.

Julian Day Number = 1351729.5, Delta T = 07h06m43s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'56, Lahiri = -17°55'56 Julian Calendar 1 Nov. 1013 BCE == Greg. Calendar 22 Oct. 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1013 BCE
geocentric

DECEMBER 1013 BCE (-1012) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 1 23	0♐39'40	4♋16	26♏42	10♑12	19♒42	24°R 6	8♑34	26♒52	15♍35	18°R34	15°R24	14♉37	14♌26	n.a.	F 1
S 2	4 5 19	1°40'55	16°30	28°19	11°24	20°21	23♉58	8°40	26°53	15°36	18♋33	15♉22	14°34	14°33	n.a.	S 2
S 3	4 9 16	2°42'11	28°34	29°56	12°35	21° 0	23°50	8°47	26°54	15°37	18°32	15°19	14°31	14°39	n.a.	S 3
M 4	4 13 12	3°43'25	10♌29	1♐33	13°47	21°39	23°42	8°53	26°55	15°37	18°31	15°17	14°28	14°46	n.a.	M 4
T 5	4 17 9	4°44'40	22°22	3°10	14°59	22°18	23°35	9° 0	26°56	15°38	18°30	15°15	14°24	14°53	n.a.	T 5
W 6	4 21 5	5°45'54	4♍15	4°48	16°11	22°57	23°27	9° 6	26°57	15°39	18°29	15°D15	14°21	15° 0	n.a.	W 6
T 7	4 25 2	6°47'08	16°14	6°27	17°22	23°36	23°19	9°13	26°58	15°40	18°28	15°15	14°18	15° 6	n.a.	T 7
F 8	4 28 59	7°48'22	28°23	8° 6	18°34	24°15	23°11	9°19	26°59	15°40	18°27	15°16	14°15	15°13	n.a.	F 8
S 9	4 32 55	8°49'35	10♎47	9°46	19°45	24°54	23° 4	9°26	27° 0	15°41	18°26	15°18	14°12	15°20	n.a.	S 9
S 10	4 36 52	9°50'48	23°31	11°26	20°56	25°33	22°56	9°32	27° 2	15°41	18°25	15°19	14° 8	15°27	n.a.	S 10
M11	4 40 48	10°52'00	6♏36	13° 6	22° 8	26°12	22°49	9°39	27° 3	15°42	18°24	15°21	14° 5	15°33	n.a.	M11
T 12	4 44 45	11°53'12	20° 6	14°47	23°19	26°52	22°42	9°46	27° 4	15°43	18°23	15°R21	14° 2	15°40	n.a.	T 12
W13	4 48 41	12°54'23	3♐58	16°29	24°30	27°31	22°34	9°53	27° 6	15°43	18°22	15°20	13°59	15°47	n.a.	W13
T 14	4 52 38	13°55'33	18°11	18°11	25°40	28°10	22°27	9°59	27° 7	15°43	18°21	15°17	13°56	15°53	n.a.	T 14
F 15	4 56 35	14°56'43	2♑39	19°54	26°51	28°49	22°20	10° 6	27° 9	15°44	18°19	15°13	13°53	16° 0	n.a.	F 15
S 16	5 0 31	15°57'51	17°17	21°37	28° 2	29°28	22°13	10°13	27°10	15°44	18°18	15° 8	13°49	16° 7	n.a.	S 16
S 17	5 4 28	16°58'59	1♒57	23°20	29°12	0♓ 8	22° 7	10°20	27°12	15°45	18°17	15° 3	13°46	16°14	n.a.	S 17
M18	5 8 24	18° 0'05	16°32	25° 4	0♒23	0°47	22° 0	10°27	27°13	15°45	18°16	14°59	13°43	16°20	n.a.	M18
T 19	5 12 21	19° 1'10	0♓57	26°48	1°33	1°26	21°53	10°34	27°15	15°45	18°14	14°56	13°40	16°27	n.a.	T 19
W20	5 16 17	20° 2'13	15° 9	28°32	2°43	2° 6	21°47	10°41	27°17	15°45	18°13	14°D55	13°37	16°34	n.a.	W20
T 21	5 20 14	21° 3'15	29° 5	0♑17	3°53	2°45	21°41	10°48	27°19	15°46	18°12	14°55	13°33	16°40	n.a.	T 21
F 22	5 24 10	22° 4'15	12♈46	2° 2	5° 3	3°24	21°35	10°55	27°20	15°46	18°11	14°56	13°30	16°47	n.a.	F 22
S 23	5 28 7	23° 5'14	26°12	3°46	6°13	4° 4	21°29	11° 2	27°22	15°46	18° 9	14°58	13°27	16°54	n.a.	S 23
S 24	5 32 4	24° 6'12	9♉23	5°30	7°22	4°43	21°23	11° 9	27°24	15°46	18° 8	14°R59	13°24	17° 1	n.a.	S 24
M25	5 36 0	25° 7'08	22°23	7°14	8°31	5°22	21°17	11°16	27°26	15°46	18° 7	14°59	13°21	17° 7	n.a.	M25
T 26	5 39 57	26° 8'03	5♊10	8°58	9°41	6° 2	21°12	11°23	27°28	15°46	18° 5	14°57	13°18	17°14	n.a.	T 26
W27	5 43 53	27° 8'56	17°47	10°40	10°50	6°41	21° 6	11°31	27°30	15°R46	18° 4	14°53	13°14	17°21	n.a.	W27
T 28	5 47 50	28° 9'49	0♋14	12°21	11°59	7°20	21° 1	11°38	27°32	15°46	18° 3	14°47	13°11	17°28	n.a.	T 28
F 29	5 51 46	29°10'39	12°31	14° 1	13° 7	8° 0	20°56	11°45	27°34	15°46	18° 1	14°39	13° 8	17°34	n.a.	F 29
S 30	5 55 43	0♑11'29	24°39	15°39	14°16	8°39	20°51	11°52	27°36	15°46	18° 0	14°30	13° 5	17°41	n.a.	S 30
S 31	5 59 40	1♑12'17	6♌39	17♑14	15♒24	9♓18	20♉47	11♑59	27♒39	15♍46	17♋58	14♉21	13♉ 2	17♌48	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s37	27n43	3n58	20s59	1s18	25s27	2s 2	16s 1	0s56	18n39	0s28	24s 9	0s37	13s29	0s47	7n28	1n50	33n17	10n54	16n43	16n29	21n40		n.a.
S 2	20 49	27 21	4 36	21 26	1 23	25 20	2 2	15 48	0 55	18 37	0 27	24 9	0 37	13 29	0 47	7 27	1 50	33 18	10 54	16 42	16 28	21 38		n.a.
S 3	21 2	25 41	5 2	21 53	1 27	25 13	2 1	15 34	0 53	18 35	0 27	24 8	0 37	13 29	0 47	7 27	1 50	33 18	10 54	16 41	16 27	21 36		n.a.
M 4	21 14	22 55	5 14	22 18	1 32	25 5	2 0	15 20	0 52	18 33	0 27	24 8	0 37	13 28	0 47	7 27	1 50	33 19	10 55	16 40	16 26	21 34		n.a.
T 5	21 25	19 11	5 13	22 42	1 36	24 56	1 59	15 5	0 50	18 32	0 27	24 8	0 37	13 28	0 47	7 26	1 50	33 19	10 55	16 40	16 25	21 32		n.a.
W 6	21 36	14 43	4 58	23 4	1 40	24 47	1 58	14 51	0 49	18 30	0 27	24 7	0 37	13 27	0 47	7 26	1 51	33 20	10 55	16 40	16 24	21 30		n.a.
T 7	21 47	9 39	4 30	23 26	1 44	24 36	1 57	14 37	0 48	18 28	0 27	24 7	0 37	13 27	0 47	7 26	1 51	33 20	10 56	16 40	16 23	21 28		n.a.
F 8	21 57	4 10	3 50	23 46	1 47	24 25	1 56	14 22	0 46	18 26	0 26	24 6	0 37	13 26	0 47	7 26	1 51	33 20	10 56	16 40	16 22	21 26		n.a.
S 9	22 7	1s36	2 59	24 5	1 50	24 14	1 55	14 8	0 45	18 24	0 26	24 6	0 37	13 26	0 47	7 26	1 51	33 21	10 56	16 41	16 21	21 24		n.a.
S 10	22 17	7 28	1 57	24 22	1 53	24 1	1 53	13 53	0 44	18 23	0 26	24 5	0 37	13 26	0 47	7 26	1 51	33 21	10 57	16 41	16 20	21 22		n.a.
M11	22 26	13 11	0 48	24 38	1 55	23 48	1 52	13 39	0 42	18 21	0 26	24 5	0 38	13 25	0 47	7 25	1 51	33 22	10 57	16 42	16 19	21 19		n.a.
T 12	22 34	18 28	0s26	24 53	1 58	23 34	1 50	13 24	0 41	18 19	0 26	24 5	0 38	13 25	0 47	7 25	1 51	33 22	10 57	16 42	16 18	21 17		n.a.
W13	22 42	22 55	1 40	25 6	1 59	23 20	1 48	13 9	0 40	18 18	0 26	24 4	0 38	13 24	0 47	7 25	1 51	33 23	10 57	16 41	16 17	21 15		n.a.
T 14	22 50	26 6	2 50	25 17	2 1	23 5	1 46	12 54	0 39	18 16	0 25	24 4	0 38	13 24	0 47	7 25	1 51	33 23	10 58	16 41	16 16	21 13		n.a.
F 15	22 57	27 38	3 50	25 27	2 2	22 49	1 44	12 39	0 37	18 14	0 25	24 3	0 38	13 23	0 47	7 25	1 51	33 24	10 58	16 39	16 15	21 11		n.a.
S 16	23 4	27 14	4 36	25 35	2 2	22 33	1 42	12 24	0 36	18 13	0 25	24 3	0 38	13 22	0 47	7 25	1 51	33 24	10 58	16 38	16 14	21 9		n.a.
S 17	23 10	24 58	5 4	25 41	2 2	22 16	1 40	12 9	0 35	18 11	0 25	24 2	0 38	13 22	0 46	7 25	1 51	33 24	10 58	16 37	16 13	21 7		n.a.
M18	23 16	21 4	5 12	25 45	2 2	21 59	1 38	11 54	0 34	18 10	0 25	24 2	0 38	13 21	0 46	7 25	1 51	33 25	10 59	16 35	16 12	21 5		n.a.
T 19	23 21	15 58	5 0	25 47	2 1	21 41	1 35	11 38	0 32	18 8	0 24	24 1	0 38	13 21	0 46	7 25	1 51	33 25	10 59	16 34	16 11	21 3		n.a.
W20	23 26	10 4	4 30	25 48	1 59	21 22	1 33	11 23	0 31	18 7	0 24	24 1	0 38	13 20	0 46	7 25	1 51	33 26	10 59	16 34	16 10	21 0		n.a.
T 21	23 31	3 47	3 44	25 46	1 57	21 3	1 30	11 7	0 30	18 5	0 24	24 0	0 38	13 19	0 46	7 25	1 52	33 26	10 59	16 34	16 9	20 58		n.a.
F 22	23 35	2n34	2 46	25 42	1 54	20 43	1 28	10 52	0 29	18 4	0 24	24 0	0 38	13 19	0 46	7 25	1 52	33 27	11 0	16 34	16 8	20 56		n.a.
S 23	23 38	8 43	1 40	25 37	1 51	20 23	1 25	10 36	0 28	18 2	0 24	23 59	0 38	13 18	0 46	7 25	1 52	33 27	11 0	16 35	16 7	20 54		n.a.
S 24	23 41	14 22	0 30	25 29	1 47	20 2	1 22	10 21	0 27	18 1	0 23	23 59	0 38	13 17	0 46	7 25	1 52	33 27	11 0	16 35	16 7	20 52		n.a.
M25	23 44	19 18	0n40	25 19	1 42	19 41	1 19	10 5	0 25	18 0	0 23	23 58	0 38	13 17	0 46	7 25	1 52	33 28	11 0	16 35	16 6	20 50		n.a.
T 26	23 46	23 15	1 47	25 7	1 37	19 19	1 16	9 49	0 24	17 58	0 23	23 57	0 38	13 16	0 46	7 25	1 52	33 28	11 0	16 35	16 5	20 47		n.a.
W27	23 47	26 2	2 48	24 53	1 30	18 57	1 13	9 33	0 23	17 57	0 23	23 57	0 38	13 15	0 46	7 25	1 52	33 29	11 1	16 33	16 4	20 45		n.a.
T 28	23 48	27 29	3 40	24 37	1 23	18 35	1 9	9 18	0 22	17 56	0 23	23 56	0 38	13 14	0 46	7 25	1 52	33 29	11 1	16 32	16 3	20 43		n.a.
F 29	23 49	27 32	4 21	24 19	1 16	18 12	1 6	9 2	0 21	17 55	0 22	23 56	0 38	13 14	0 46	7 25	1 52	33 29	11 1	16 29	16 2	20 41		n.a.
S 30	23 49	26 16	4 49	24 0	1 7	17 48	1 2	8 46	0 20	17 54	0 22	23 55	0 39	13 13	0 46	7 25	1 52	33 30	11 1	16 26	16 1	20 39		n.a.
S 31	23s49	23n48	5n 4	23s38	0s57	17s24	0s59	8s30	0s19	17n53	0s22	23s54	0s39	13s12	0s46	7n25	1n52	33n30	11n 1	16n24	16n 0	20n36		n.a.

Julian Day Number = 1351759.5, Delta T = 07h06m41s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'52, Lahiri = -17°55'51 Julian Calendar 1 Dec. 1013 BCE == Greg. Calendar 21 Nov. 1013 BCE

The year -1012 astronomical counting style corresponds to year 1013 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

JANUARY 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 3 36	2♉13'04	18♌34	18♉47	16♒32	9♓58	20°R42	12♉ 7	27♒41	15°R46	17°R57	14°R12	12♉59	17♌54	n.a.	M 1
T 2	6 7 33	3°13'49	0♍25	20°16	17°40	10°37	20♉38	12°14	27°43	15♍46	17♋55	14♉ 5	12°55	18° 1	n.a.	T 2
W 3	6 11 29	4°14'33	12°17	21°41	18°48	11°16	20°34	12°21	27°45	15°45	17°54	14° 0	12°52	18° 8	n.a.	W 3
T 4	6 15 26	5°15'16	24°14	23° 1	19°55	11°56	20°30	12°28	27°48	15°45	17°53	13°57	12°49	18°15	n.a.	T 4
F 5	6 19 22	6°15'57	6♎19	24°16	21° 3	12°35	20°26	12°36	27°50	15°45	17°51	13°D57	12°46	18°21	n.a.	F 5
S 6	6 23 19	7°16'37	18°39	25°25	22°10	13°14	20°22	12°43	27°52	15°44	17°50	13°57	12°43	18°28	n.a.	S 6
S 7	6 27 15	8°17'16	1♏19	26°27	23°17	13°54	20°19	12°50	27°55	15°44	17°48	13°58	12°39	18°35	n.a.	S 7
M 8	6 31 12	9°17'54	14°22	27°21	24°23	14°33	20°16	12°58	27°57	15°44	17°47	13°R59	12°36	18°42	n.a.	M 8
T 9	6 35 9	10°18'30	27°52	28° 7	25°30	15°12	20°13	13° 5	28° 0	15°43	17°45	13°58	12°33	18°48	n.a.	T 9
W10	6 39 5	11°19'05	11♐51	28°44	26°36	15°52	20°10	13°12	28° 2	15°43	17°44	13°55	12°30	18°55	n.a.	W10
T 11	6 43 2	12°19'38	26°16	29°11	27°42	16°31	20° 7	13°20	28° 5	15°42	17°42	13°49	12°27	19° 2	n.a.	T 11
F 12	6 46 58	13°20'09	11♑ 4	29°29	28°48	17°10	20° 5	13°27	28° 8	15°42	17°41	13°41	12°24	19° 8	n.a.	F 12
S 13	6 50 55	14°20'39	26° 6	29°R37	29°53	17°50	20° 3	13°34	28°10	15°41	17°39	13°32	12°20	19°15	n.a.	S 13
S 14	6 54 51	15°21'07	11♒12	29°34	0♓58	18°29	20° 1	13°42	28°13	15°41	17°38	13°22	12°17	19°22	n.a.	S 14
M15	6 58 48	16°21'33	26°13	29°21	2° 3	19° 9	19°59	13°49	28°16	15°40	17°36	13°13	12°14	19°29	n.a.	M15
T 16	7 2 44	17°21'56	11♓ 0	28°59	3° 8	19°48	19°57	13°56	28°19	15°39	17°35	13° 6	12°11	19°35	n.a.	T 16
W17	7 6 41	18°22'18	25°26	28°27	4°12	20°27	19°56	14° 3	28°21	15°39	17°33	13° 1	12° 8	19°42	n.a.	W17
T 18	7 10 38	19°22'37	9♈29	27°47	5°16	21° 7	19°54	14°11	28°24	15°38	17°32	12°59	12° 5	19°49	n.a.	T 18
F 19	7 14 34	20°22'54	23° 8	26°59	6°20	21°46	19°53	14°18	28°27	15°37	17°30	12°D59	12° 1	19°56	n.a.	F 19
S 20	7 18 31	21°23'09	6♉26	26° 5	7°23	22°25	19°52	14°25	28°30	15°37	17°29	12°R59	11°58	20° 2	n.a.	S 20
S 21	7 22 27	22°23'22	19°24	25° 7	8°26	23° 4	19°52	14°33	28°33	15°36	17°27	12°59	11°55	20° 9	n.a.	S 21
M22	7 26 24	23°23'32	2♊ 7	24° 5	9°29	23°44	19°51	14°40	28°36	15°35	17°26	12°58	11°52	20°16	n.a.	M22
T 23	7 30 20	24°23'41	14°38	23° 2	10°31	24°23	19°51	14°47	28°39	15°34	17°24	12°54	11°49	20°22	n.a.	T 23
W24	7 34 17	25°23'47	26°58	21°59	11°33	25° 2	19°D51	14°54	28°41	15°33	17°23	12°46	11°45	20°29	n.a.	W24
T 25	7 38 13	26°23'51	9♋10	20°57	12°35	25°42	19°51	15° 2	28°44	15°32	17°21	12°37	11°42	20°36	n.a.	T 25
F 26	7 42 10	27°23'53	21°16	19°57	13°36	26°21	19°51	15° 9	28°47	15°31	17°20	12°24	11°39	20°43	n.a.	F 26
S 27	7 46 7	28°23'53	3♌16	19° 2	14°36	27° 0	19°52	15°16	28°51	15°30	17°18	12°10	11°36	20°49	n.a.	S 27
S 28	7 50 3	29°23'51	15°12	18°11	15°37	27°39	19°53	15°23	28°54	15°29	17°17	11°56	11°33	20°56	n.a.	S 28
M29	7 54 0	0♒23'47	27° 5	17°26	16°37	28°18	19°54	15°30	28°57	15°28	17°15	11°43	11°30	21° 3	n.a.	M29
T 30	7 57 56	1°23'40	8♍57	16°47	17°36	28°58	19°55	15°38	29° 0	15°27	17°14	11°31	11°26	21° 9	n.a.	T 30
W31	8 1 53	2♒23'32	20♍49	16♉14	18♓35	29♓37	19♉56	15♉45	29♒ 3	15♍26	17♋12	11♉22	11♉23	21♌16	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
M 1	23s48	20n20	5n 6	23s15	0s47	17s 0	0s55	8s14	0s18	17n52	0s22	23s54	0s39	13s11	0s46	7n25	1n52	33n31	11n 2	16n21		15n59		20n34			n.a.
T 2	23 47	16 5	4 55	22 51	0 36	16 35	0 51	7 58	0 17	17 51	0 22	23 53	0 39	13 10	0 46	7 25	1 52	33 31	11 2	16 19		15 58		20 32			n.a.
W 3	23 45	11 13	4 31	22 26	0 24	16 10	0 47	7 42	0 16	17 50	0 21	23 53	0 39	13 9	0 46	7 25	1 52	33 31	11 2	16 18		15 57		20 30			n.a.
T 4	23 43	5 55	3 55	22 0	0 11	15 45	0 43	7 25	0 15	17 49	0 21	23 52	0 39	13 9	0 46	7 26	1 53	33 32	11 2	16 17		15 56		20 28			n.a.
F 5	23 40	0 19	3 8	21 33	0n 3	15 19	0 39	7 9	0 14	17 48	0 21	23 51	0 39	13 8	0 46	7 26	1 53	33 32	11 2	16 16		15 55		20 25			n.a.
S 6	23 37	5s24	2 12	21 6	0 18	14 53	0 35	6 53	0 13	17 47	0 21	23 51	0 39	13 7	0 46	7 26	1 53	33 32	11 2	16 17		15 54		20 23			n.a.
S 7	23 33	11 4	1 7	20 40	0 33	14 27	0 31	6 37	0 12	17 46	0 21	23 50	0 39	13 6	0 46	7 26	1 53	33 33	11 3	16 17		15 53		20 21			n.a.
M 8	23 29	16 26	0s 2	20 13	0 49	14 1	0 26	6 20	0 11	17 46	0 20	23 49	0 39	13 5	0 46	7 26	1 53	33 33	11 3	16 17		15 52		20 19			n.a.
T 9	23 25	21 11	1 14	19 48	1 5	13 34	0 22	6 4	0 10	17 45	0 20	23 49	0 39	13 4	0 46	7 27	1 53	33 33	11 3	16 17		15 51		20 16			n.a.
W10	23 20	24 56	2 23	19 24	1 22	13 7	0 17	5 48	0 9	17 45	0 20	23 48	0 39	13 3	0 46	7 27	1 53	33 34	11 3	16 16		15 50		20 14			n.a.
T 11	23 14	27 12	3 26	19 2	1 38	12 39	0 12	5 31	0 8	17 44	0 20	23 47	0 39	13 2	0 46	7 27	1 53	33 34	11 3	16 14		15 49		20 12			n.a.
F 12	23 8	27 36	4 16	18 42	1 55	12 12	0 7	5 15	0 7	17 44	0 20	23 47	0 39	13 1	0 46	7 27	1 53	33 34	11 3	16 12		15 48		20 9			n.a.
S 13	23 2	26 0	4 50	18 24	2 12	11 44	0 3	4 59	0 6	17 43	0 19	23 46	0 40	13 0	0 46	7 28	1 53	33 35	11 3	16 9		15 47		20 7			n.a.
S 14	22 55	22 32	5 3	18 9	2 28	11 16	0n 2	4 42	0 5	17 43	0 19	23 45	0 40	12 59	0 46	7 28	1 53	33 35	11 3	16 6		15 46		20 5			n.a.
M15	22 48	17 36	4 56	17 56	2 44	10 48	0 7	4 26	0 4	17 43	0 19	23 45	0 40	12 58	0 46	7 28	1 53	33 35	11 3	16 3		15 45		20 3			n.a.
T 16	22 40	11 41	4 29	17 47	2 58	10 19	0 13	4 9	0 3	17 42	0 19	23 44	0 40	12 57	0 46	7 29	1 53	33 36	11 3	16 1		15 44		20 0			n.a.
W17	22 32	5 16	3 45	17 40	3 11	9 51	0 18	3 53	0 2	17 42	0 19	23 43	0 40	12 56	0 45	7 29	1 53	33 36	11 4	16 0		15 43		19 58			n.a.
T 18	22 24	1n15	2 48	17 37	3 23	9 22	0 23	3 36	0 1	17 42	0 18	23 43	0 40	12 55	0 45	7 29	1 53	33 36	11 4	15 59		15 42		19 56			n.a.
F 19	22 15	7 32	1 44	17 36	3 33	8 53	0 29	3 19	0 1	17 42	0 18	23 42	0 40	12 54	0 45	7 30	1 53	33 36	11 4	15 59		15 41		19 53			n.a.
S 20	22 5	13 20	0 35	17 38	3 42	8 24	0 34	3 3	0n 0	17 42	0 18	23 41	0 40	12 53	0 45	7 30	1 54	33 37	11 4	15 59		15 40		19 51			n.a.
S 21	21 55	18 24	0n34	17 43	3 48	7 55	0 40	2 46	0 1	17 42	0 18	23 40	0 40	12 52	0 45	7 30	1 54	33 37	11 4	15 59		15 39		19 49			n.a.
M22	21 45	22 32	1 40	17 50	3 52	7 26	0 45	2 30	0 2	17 42	0 18	23 40	0 40	12 51	0 45	7 31	1 54	33 37	11 4	15 58		15 38		19 46			n.a.
T 23	21 35	25 33	2 39	17 59	3 54	6 57	0 51	2 13	0 3	17 42	0 17	23 39	0 40	12 50	0 45	7 31	1 54	33 37	11 4	15 57		15 37		19 44			n.a.
W24	21 24	27 17	3 30	18 9	3 53	6 28	0 57	1 57	0 4	17 42	0 17	23 38	0 40	12 49	0 45	7 32	1 54	33 38	11 4	15 55		15 36		19 42			n.a.
T 25	21 12	27 40	4 11	18 22	3 51	5 59	1 3	1 40	0 5	17 42	0 17	23 38	0 40	12 48	0 45	7 32	1 54	33 38	11 4	15 52		15 35		19 39			n.a.
F 26	21 1	26 43	4 40	18 35	3 46	5 30	1 9	1 24	0 5	17 43	0 17	23 37	0 41	12 47	0 45	7 32	1 54	33 38	11 4	15 48		15 34		19 37			n.a.
S 27	20 48	24 32	4 56	18 49	3 40	5 0	1 15	1 7	0 6	17 43	0 17	23 36	0 41	12 46	0 45	7 33	1 54	33 38	11 4	15 44		15 33		19 35			n.a.
S 28	20 36	21 17	4 59	19 4	3 32	4 31	1 21	0 50	0 7	17 43	0 17	23 35	0 41	12 45	0 45	7 33	1 54	33 39	11 4	15 39		15 32		19 32			n.a.
M29	20 23	17 11	4 49	19 19	3 23	4 2	1 27	0 34	0 8	17 44	0 16	23 35	0 41	12 44	0 45	7 34	1 54	33 39	11 4	15 35		15 31		19 30			n.a.
T 30	20 10	12 27	4 27	19 34	3 12	3 33	1 33	0 17	0 9	17 44	0 16	23 34	0 41	12 43	0 45	7 34	1 54	33 39	11 4	15 32		15 30		19 28			n.a.
W31	19s56	7n15	3n53	19s49	3n 1	3s 4	1n40	0s 1	0n 9	17n45	0s16	23s33	0s41	12s41	0s45	7n35	1n54	33n39	11n 4	15n29		15n29		19n25			n.a.

Julian Day Number = 1351790.5, Delta T = 07h06m40s
Ecliptic obliquity = 23°49'03, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'48, Lahiri = -17°55'47 Julian Calendar 1 Jan. 1012 BCE == Greg. Calendar 22 Dec. 1013 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

FEBRUARY 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 5 49	3♒23'22	2♎45	15°R48	19♓33	0♈16	19♉57	15♏52	29♒ 6	15°R25	17°R11	11°R16	11♉20	21♌23	n.a.	T 1
F 2	8 9 46	4°23'10	14°50	15♏28	20°31	0°55	19°59	15°59	29° 9	15♍24	17♋10	11♉13	11°17	21°30	n.a.	F 2
S 3	8 13 42	5°22'56	27° 7	15°15	21°29	1°34	20° 1	16° 6	29°12	15°23	17° 8	11°12	11°14	21°36	n.a.	S 3
S 4	8 17 39	6°22'41	9♏41	15° 9	22°26	2°13	20° 3	16°13	29°16	15°22	17° 7	11°11	11°11	21°43	n.a.	S 4
M 5	8 21 35	7°22'23	22°38	15°D 8	23°22	2°53	20° 5	16°20	29°19	15°21	17° 5	11°11	11° 7	21°50	n.a.	M 5
T 6	8 25 32	8°22'04	6♐ 2	15°14	24°18	3°32	20° 8	16°27	29°22	15°19	17° 4	11°10	11° 4	21°57	n.a.	T 6
W 7	8 29 29	9°21'43	19°55	15°26	25°13	4°11	20°10	16°34	29°25	15°18	17° 3	11° 6	11° 1	22° 3	n.a.	W 7
T 8	8 33 25	10°21'20	4♑18	15°43	26° 8	4°50	20°13	16°41	29°29	15°17	17° 1	10°59	10°58	22°10	n.a.	T 8
F 9	8 37 22	11°20'55	19° 8	16° 5	27° 2	5°29	20°16	16°48	29°32	15°16	17° 0	10°50	10°55	22°17	n.a.	F 9
S 10	8 41 18	12°20'28	4♒17	16°32	27°55	6° 8	20°19	16°55	29°35	15°14	16°59	10°39	10°51	22°23	n.a.	S 10
S 11	8 45 15	13°19'59	19°36	17° 3	28°48	6°47	20°23	17° 2	29°38	15°13	16°57	10°28	10°48	22°30	n.a.	S 11
M12	8 49 11	14°19'27	4♓54	17°39	29°40	7°26	20°26	17° 8	29°42	15°12	16°56	10°17	10°45	22°37	n.a.	M12
T 13	8 53 8	15°18'53	19°58	18°19	0♈31	8° 5	20°30	17°15	29°45	15°10	16°55	10° 8	10°42	22°44	n.a.	T 13
W14	8 57 4	16°18'17	4♈41	19° 2	1°22	8°44	20°34	17°22	29°48	15° 9	16°53	10° 2	10°39	22°50	n.a.	W14
T 15	9 1 1	17°17'38	18°57	19°50	2°11	9°23	20°38	17°29	29°52	15° 8	16°52	9°59	10°36	22°57	n.a.	T 15
F 16	9 4 58	18°16'57	2♉45	20°40	3° 0	10° 2	20°42	17°35	29°55	15° 6	16°51	9°58	10°32	23° 4	n.a.	F 16
S 17	9 8 54	19°16'14	16° 7	21°34	3°49	10°41	20°47	17°42	29°58	15° 5	16°50	9°58	10°29	23°10	n.a.	S 17
S 18	9 12 51	20°15'28	29° 4	22°30	4°36	11°20	20°51	17°49	0♓ 2	15° 3	16°48	9°58	10°26	23°17	n.a.	S 18
M19	9 16 47	21°14'39	11♊42	23°30	5°22	11°59	20°56	17°55	0° 5	15° 2	16°47	9°56	10°23	23°24	n.a.	M19
T 20	9 20 44	22°13'49	24° 5	24°32	6° 8	12°38	21° 1	18° 2	0° 9	15° 0	16°46	9°52	10°20	23°31	n.a.	T 20
W21	9 24 40	23°12'55	6♋16	25°37	6°52	13°17	21° 6	18° 8	0°12	14°59	16°45	9°46	10°17	23°37	n.a.	W21
T 22	9 28 37	24°12'00	18°19	26°44	7°35	13°56	21°11	18°14	0°15	14°57	16°44	9°36	10°13	23°44	n.a.	T 22
F 23	9 32 33	25°11'02	0♌16	27°53	8°18	14°35	21°17	18°21	0°19	14°56	16°43	9°25	10°10	23°51	n.a.	F 23
S 24	9 36 30	26°10'01	12°11	29° 5	8°59	15°14	21°22	18°27	0°22	14°54	16°42	9°12	10° 7	23°58	n.a.	S 24
S 25	9 40 27	27° 8'59	24° 3	0♒19	9°39	15°53	21°28	18°33	0°26	14°53	16°40	8°58	10° 4	24° 4	n.a.	S 25
M26	9 44 23	28° 7'54	5♍56	1°35	10°18	16°31	21°34	18°40	0°29	14°51	16°39	8°45	10° 1	24°11	n.a.	M26
T 27	9 48 20	29° 6'47	17°49	2°52	10°56	17°10	21°40	18°46	0°32	14°50	16°38	8°34	9°57	24°18	n.a.	T 27
W28	9 52 16	0♓ 5'38	29♍45	4♒12	11♈32	17♈49	21♉46	18♏52	0♓36	14♍48	16♋37	8♉26	9♉54	24♌24	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s42	1n45	3n 8	20s 4	2n49	2s35	1n46	0n16	0n10	17n45	0s16	23s32	0s41	12s40	0s45	7n35	1n54	33n39	11n 4	15n27	15n28	19n23		n.a.
F 2	19 28	3s52	2 14	20 19	2 36	2 6	1 52	0 32	0 11	17 46	0 16	23 32	0 41	12 39	0 45	7 36	1 54	33 40	11 4	15 26	15 27	19 20		n.a.
S 3	19 13	9 28	1 14	20 34	2 23	1 37	1 59	0 49	0 12	17 47	0 15	23 31	0 41	12 38	0 45	7 36	1 54	33 40	11 4	15 25	15 26	19 18		n.a.
S 4	18 58	14 49	0 8	20 48	2 10	1 8	2 5	1 5	0 12	17 47	0 15	23 30	0 41	12 37	0 45	7 37	1 54	33 40	11 4	15 25	15 25	19 16		n.a.
M 5	18 43	19 41	1s 0	21 1	1 56	0 40	2 12	1 22	0 13	17 48	0 15	23 29	0 42	12 36	0 45	7 37	1 54	33 40	11 4	15 25	15 24	19 13		n.a.
T 6	18 28	23 44	2 7	21 14	1 43	0 11	2 19	1 38	0 14	17 49	0 15	23 28	0 42	12 35	0 45	7 38	1 54	33 40	11 4	15 25	15 23	19 11		n.a.
W 7	18 12	26 34	3 9	21 26	1 29	0n17	2 25	1 55	0 15	17 50	0 15	23 28	0 42	12 33	0 45	7 38	1 54	33 40	11 4	15 24	15 22	19 8		n.a.
T 8	17 55	27 46	4 1	21 37	1 16	0 45	2 32	2 11	0 15	17 51	0 15	23 27	0 42	12 32	0 45	7 39	1 55	33 41	11 4	15 22	15 21	19 6		n.a.
F 9	17 39	27 2	4 39	21 48	1 3	1 13	2 39	2 27	0 16	17 52	0 14	23 26	0 42	12 31	0 45	7 39	1 55	33 41	11 4	15 19	15 20	19 4		n.a.
S 10	17 22	24 18	4 58	21 57	0 50	1 41	2 46	2 44	0 17	17 53	0 14	23 25	0 42	12 30	0 45	7 40	1 55	33 41	11 4	15 15	15 19	19 1		n.a.
S 11	17 5	19 51	4 56	22 6	0 37	2 9	2 52	3 0	0 18	17 54	0 14	23 25	0 42	12 29	0 45	7 40	1 55	33 41	11 4	15 12	15 18	18 59		n.a.
M12	16 48	14 5	4 33	22 13	0 25	2 36	2 59	3 16	0 18	17 55	0 14	23 24	0 42	12 28	0 45	7 41	1 55	33 41	11 4	15 8	15 17	18 56		n.a.
T 13	16 30	7 34	3 51	22 20	0 13	3 3	3 6	3 33	0 19	17 56	0 14	23 23	0 42	12 26	0 45	7 41	1 55	33 41	11 3	15 5	15 16	18 54		n.a.
W14	16 12	0 46	2 55	22 25	0 2	3 30	3 13	3 49	0 20	17 57	0 13	23 22	0 42	12 25	0 45	7 42	1 55	33 41	11 3	15 3	15 15	18 51		n.a.
T 15	15 54	5n52	1 49	22 29	0s10	3 56	3 20	4 5	0 20	17 59	0 13	23 22	0 43	12 24	0 45	7 43	1 55	33 41	11 3	15 2	15 14	18 49		n.a.
F 16	15 35	12 2	0 38	22 32	0 20	4 22	3 27	4 21	0 21	18 0	0 13	23 21	0 43	12 23	0 45	7 43	1 55	33 41	11 3	15 2	15 13	18 47		n.a.
S 17	15 17	17 26	0n32	22 34	0 31	4 48	3 34	4 38	0 22	18 1	0 13	23 20	0 43	12 22	0 45	7 44	1 55	33 42	11 3	15 2	15 12	18 44		n.a.
S 18	14 58	21 53	1 39	22 34	0 41	5 13	3 41	4 54	0 22	18 3	0 13	23 19	0 43	12 20	0 45	7 44	1 55	33 42	11 3	15 2	15 11	18 42		n.a.
M19	14 39	25 10	2 39	22 33	0 50	5 39	3 48	5 10	0 23	18 4	0 13	23 18	0 43	12 19	0 45	7 45	1 55	33 42	11 3	15 1	15 10	18 39		n.a.
T 20	14 19	27 11	3 31	22 31	0 59	6 3	3 55	5 26	0 24	18 6	0 12	23 18	0 43	12 18	0 45	7 46	1 55	33 42	11 3	15 0	15 9	18 37		n.a.
W21	14 0	27 51	4 11	22 28	1 8	6 28	4 2	5 42	0 24	18 7	0 12	23 17	0 43	12 17	0 45	7 46	1 55	33 42	11 3	14 58	15 8	18 34		n.a.
T 22	13 40	27 10	4 40	22 23	1 16	6 51	4 9	5 58	0 25	18 9	0 12	23 16	0 43	12 15	0 45	7 47	1 55	33 42	11 3	14 55	15 7	18 32		n.a.
F 23	13 20	25 14	4 57	22 16	1 23	7 15	4 16	6 14	0 25	18 10	0 12	23 15	0 43	12 14	0 45	7 47	1 55	33 42	11 2	14 51	15 6	18 29		n.a.
S 24	13 0	22 12	5 0	22 8	1 31	7 38	4 23	6 29	0 26	18 12	0 12	23 15	0 44	12 13	0 45	7 48	1 55	33 42	11 2	14 47	15 5	18 27		n.a.
S 25	12 39	18 16	4 50	21 59	1 37	8 0	4 30	6 45	0 27	18 14	0 12	23 14	0 44	12 12	0 45	7 49	1 55	33 42	11 2	14 43	15 4	18 24		n.a.
M26	12 19	13 37	4 28	21 48	1 44	8 22	4 37	7 1	0 27	18 15	0 11	23 13	0 44	12 11	0 45	7 49	1 55	33 42	11 2	14 39	15 3	18 22		n.a.
T 27	11 58	8 28	3 54	21 36	1 49	8 44	4 44	7 17	0 28	18 17	0 11	23 12	0 44	12 9	0 45	7 50	1 55	33 42	11 2	14 35	15 2	18 19		n.a.
W28	11s37	2n59	3n 9	21s22	1s55	9n 4	4n50	7n32	0n28	18n19	0s11	23s12	0s44	12s 8	0s45	7n51	1n55	33n42	11n 2	14n32	15n 1	18n17		n.a.

Julian Day Number = 1351821.5, Delta T = 07h06m38s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'43, Lahiri = -17°55'43 Julian Calendar 1 Feb. 1012 BCE == Greg. Calendar 22 Jan. 1012 BCE

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

MARCH 1012 BCE (-1011) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 56 13	1♓ 4'27	11♎47	5♒34	12♈ 7	18♈28	21♉53	18♊58	0♓39	14°R47	16°R36	8°R20	9♉51	24♌31	n.a.	T 1
F 2	10 0 9	2° 3'14	23°56	6°57	12°41	19° 7	21°59	19° 4	0°43	14♍45	16♋35	8♉17	9°48	24°38	n.a.	F 2
S 3	10 4 6	3° 1'59	6♏16	8°22	13°14	19°45	22° 6	19°10	0°46	14°43	16°34	8°D16	9°45	24°45	n.a.	S 3
S 4	10 8 2	4° 0'42	18°51	9°49	13°44	20°24	22°13	19°16	0°49	14°42	16°33	8°16	9°42	24°51	n.a.	S 4
M 5	10 11 59	4°59'24	1♐46	11°18	14°14	21° 3	22°20	19°22	0°53	14°40	16°33	8°R16	9°38	24°58	n.a.	M 5
T 6	10 15 55	5°58'04	15° 4	12°48	14°42	21°42	22°27	19°28	0°56	14°39	16°32	8°16	9°35	25° 5	n.a.	T 6
W 7	10 19 52	6°56'42	28°48	14°20	15° 8	22°20	22°34	19°33	1° 0	14°37	16°31	8°14	9°32	25°11	n.a.	W 7
T 8	10 23 49	7°55'18	13♑ 1	15°54	15°32	22°59	22°41	19°39	1° 3	14°35	16°30	8°10	9°29	25°18	n.a.	T 8
F 9	10 27 45	8°53'52	27°39	17°29	15°55	23°38	22°49	19°45	1° 6	14°34	16°29	8° 3	9°26	25°25	n.a.	F 9
S 10	10 31 42	9°52'25	12♒39	19° 6	16°16	24°16	22°56	19°50	1°10	14°32	16°28	7°55	9°23	25°32	n.a.	S 10
S 11	10 35 38	10°50'55	27°52	20°44	16°35	24°55	23° 4	19°56	1°13	14°31	16°28	7°46	9°19	25°38	n.a.	S 11
M12	10 39 35	11°49'24	13♓ 8	22°25	16°52	25°34	23°12	20° 1	1°17	14°29	16°27	7°38	9°16	25°45	n.a.	M12
T 13	10 43 31	12°47'50	28°16	24° 6	17° 7	26°12	23°20	20° 7	1°20	14°27	16°26	7°32	9°13	25°52	n.a.	T 13
W14	10 47 28	13°46'15	13♈ 6	25°50	17°20	26°51	23°28	20°12	1°23	14°26	16°25	7°27	9°10	25°58	n.a.	W14
T 15	10 51 24	14°44'37	27°31	27°35	17°31	27°30	23°36	20°17	1°27	14°24	16°25	7°25	9° 7	26° 5	n.a.	T 15
F 16	10 55 21	15°42'57	11♉29	29°22	17°40	28° 8	23°45	20°23	1°30	14°22	16°24	7°D24	9° 3	26°12	n.a.	F 16
S 17	10 59 17	16°41'15	24°59	1♓10	17°47	28°47	23°53	20°28	1°33	14°21	16°24	7°25	9° 0	26°19	n.a.	S 17
S 18	11 3 14	17°39'31	8♊ 2	3° 0	17°51	29°25	24° 2	20°33	1°37	14°19	16°23	7°26	8°57	26°25	n.a.	S 18
M19	11 7 11	18°37'45	20°43	4°52	17°R53	0♉ 4	24°11	20°38	1°40	14°17	16°22	7°R27	8°54	26°32	n.a.	M19
T 20	11 11 7	19°35'56	3♋ 6	6°45	17°52	0°42	24°20	20°43	1°43	14°16	16°22	7°25	8°51	26°39	n.a.	T 20
W21	11 15 4	20°34'06	15°15	8°40	17°50	1°21	24°29	20°48	1°47	14°14	16°21	7°22	8°48	26°46	n.a.	W21
T 22	11 19 0	21°32'13	27°15	10°37	17°44	2° 0	24°38	20°52	1°50	14°13	16°21	7°18	8°44	26°52	n.a.	T 22
F 23	11 22 57	22°30'18	9♌ 9	12°36	17°37	2°38	24°47	20°57	1°53	14°11	16°20	7°11	8°41	26°59	n.a.	F 23
S 24	11 26 53	23°28'21	21° 0	14°35	17°26	3°16	24°56	21° 2	1°56	14° 9	16°20	7° 3	8°38	27° 6	n.a.	S 24
S 25	11 30 50	24°26'22	2♍52	16°37	17°14	3°55	25° 6	21° 6	1°59	14° 8	16°20	6°55	8°35	27°12	n.a.	S 25
M26	11 34 46	25°24'22	14°47	18°40	16°58	4°33	25°15	21°11	2° 3	14° 6	16°19	6°47	8°32	27°19	n.a.	M26
T 27	11 38 43	26°22'19	26°45	20°44	16°41	5°12	25°25	21°15	2° 6	14° 5	16°19	6°41	8°28	27°26	n.a.	T 27
W28	11 42 40	27°20'15	8♎49	22°50	16°21	5°50	25°35	21°20	2° 9	14° 3	16°19	6°36	8°25	27°33	n.a.	W28
T 29	11 46 36	28°18'09	21° 1	24°57	15°59	6°29	25°44	21°24	2°12	14° 1	16°18	6°33	8°22	27°39	n.a.	T 29
F 30	11 50 33	29°16'01	3♏21	27° 5	15°34	7° 7	25°54	21°28	2°15	14° 0	16°18	6°D32	8°19	27°46	n.a.	F 30
S 31	11 54 29	0♈13'52	15♏53	29♓14	15♈ 8	7♉45	26♉ 4	21♊32	2♓18	13♍58	16♋18	6♉32	8♉16	27♌53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11s16	2s39	2n16	21s 7	2s 0	9n25	4n57	7n48	0n29	18n21	0s11	23s11	0s44	12s 7	0s45	7n51	1n55	33n42	11n 2	14n30	15n 0	18n14			n.a.
F 2	10 55	8 16	1 15	20 49	2 4	9 44	5 4	8 3	0 30	18 23	0 11	23 10	0 44	12 6	0 45	7 52	1 55	33 42	11 1	14 29	14 59	18 12			n.a.
S 3	10 33	13 39	0 11	20 31	2 8	10 3	5 10	8 19	0 30	18 25	0 11	23 9	0 44	12 4	0 45	7 52	1 55	33 42	11 1	14 29	14 58	18 9			n.a.
S 4	10 12	18 36	0s56	20 10	2 11	10 21	5 17	8 34	0 31	18 26	0 11	23 9	0 45	12 3	0 45	7 53	1 55	33 42	11 1	14 29	14 57	18 6			n.a.
M 5	9 50	22 50	2 2	19 48	2 14	10 39	5 23	8 49	0 31	18 28	0 10	23 8	0 45	12 2	0 45	7 54	1 55	33 42	11 1	14 29	14 56	18 4			n.a.
T 6	9 28	26 0	3 3	19 25	2 17	10 56	5 30	9 5	0 32	18 30	0 10	23 7	0 45	12 1	0 45	7 54	1 55	33 42	11 1	14 29	14 55	18 1			n.a.
W 7	9 6	27 44	3 56	19 0	2 19	11 12	5 36	9 20	0 32	18 32	0 10	23 6	0 45	11 59	0 45	7 55	1 55	33 42	11 1	14 28	14 54	17 59			n.a.
T 8	8 44	27 45	4 36	18 33	2 20	11 27	5 42	9 35	0 33	18 34	0 10	23 6	0 45	11 58	0 45	7 56	1 55	33 42	11 0	14 27	14 53	17 56			n.a.
F 9	8 22	25 51	4 59	18 4	2 21	11 41	5 48	9 50	0 34	18 37	0 10	23 5	0 45	11 57	0 45	7 56	1 55	33 41	11 0	14 25	14 52	17 54			n.a.
S 10	7 59	22 7	5 3	17 34	2 21	11 55	5 54	10 5	0 34	18 39	0 10	23 4	0 45	11 56	0 45	7 57	1 55	33 41	11 0	14 22	14 51	17 51			n.a.
S 11	7 37	16 52	4 46	17 2	2 21	12 7	5 59	10 20	0 35	18 41	0 9	23 4	0 45	11 55	0 45	7 58	1 55	33 41	11 0	14 19	14 50	17 49			n.a.
M12	7 14	10 33	4 9	16 28	2 20	12 19	6 5	10 35	0 35	18 43	0 9	23 3	0 46	11 53	0 45	7 58	1 55	33 41	11 0	14 17	14 49	17 46			n.a.
T 13	6 52	3 39	3 14	15 53	2 19	12 30	6 10	10 50	0 36	18 45	0 9	23 2	0 46	11 52	0 45	7 59	1 55	33 41	10 59	14 14	14 48	17 43			n.a.
W14	6 29	3n19	2 7	15 16	2 18	12 40	6 15	11 4	0 36	18 47	0 9	23 2	0 46	11 51	0 45	8 0	1 55	33 41	10 59	14 13	14 47	17 41			n.a.
T 15	6 6	9 56	0 53	14 37	2 15	12 48	6 19	11 19	0 37	18 50	0 9	23 1	0 46	11 50	0 45	8 0	1 55	33 41	10 59	14 12	14 46	17 38			n.a.
F 16	5 43	15 52	0n22	13 56	2 12	12 56	6 24	11 33	0 37	18 52	0 9	23 0	0 46	11 49	0 45	8 1	1 55	33 41	10 59	14 12	14 44	17 36			n.a.
S 17	5 20	20 49	1 33	13 14	2 9	13 2	6 28	11 48	0 38	18 54	0 9	23 0	0 46	11 47	0 45	8 2	1 55	33 41	10 59	14 12	14 43	17 33			n.a.
S 18	4 57	24 35	2 37	12 30	2 5	13 7	6 31	12 2	0 38	18 56	0 8	22 59	0 46	11 46	0 45	8 2	1 55	33 41	10 58	14 13	14 42	17 30			n.a.
M19	4 34	27 0	3 31	11 45	2 1	13 11	6 35	12 17	0 39	18 59	0 8	22 58	0 47	11 45	0 45	8 3	1 55	33 40	10 58	14 13	14 41	17 28			n.a.
T 20	4 11	28 1	4 15	10 58	1 56	13 13	6 38	12 31	0 39	19 1	0 8	22 58	0 47	11 44	0 45	8 4	1 55	33 40	10 58	14 12	14 40	17 25			n.a.
W21	3 48	27 39	4 45	10 9	1 50	13 15	6 40	12 45	0 40	19 3	0 8	22 57	0 47	11 43	0 45	8 4	1 55	33 40	10 58	14 11	14 39	17 23			n.a.
T 22	3 24	25 59	5 3	9 18	1 44	13 15	6 43	12 59	0 40	19 6	0 8	22 57	0 47	11 41	0 45	8 5	1 55	33 40	10 58	14 10	14 38	17 20			n.a.
F 23	3 1	23 11	5 8	8 27	1 38	13 13	6 44	13 13	0 41	19 8	0 8	22 56	0 47	11 40	0 45	8 5	1 55	33 40	10 57	14 8	14 37	17 17			n.a.
S 24	2 38	19 25	4 59	7 33	1 31	13 10	6 45	13 27	0 41	19 11	0 8	22 55	0 47	11 39	0 45	8 6	1 55	33 40	10 57	14 5	14 36	17 15			n.a.
S 25	2 15	14 54	4 37	6 38	1 23	13 6	6 46	13 40	0 42	19 13	0 8	22 55	0 47	11 38	0 45	8 7	1 55	33 39	10 57	14 2	14 35	17 12			n.a.
M26	1 51	9 49	4 3	5 42	1 15	13 0	6 46	13 54	0 42	19 16	0 7	22 54	0 48	11 37	0 45	8 7	1 55	33 39	10 57	14 0	14 34	17 9			n.a.
T 27	1 28	4 20	3 19	4 45	1 7	12 52	6 45	14 8	0 42	19 18	0 7	22 54	0 48	11 36	0 45	8 8	1 55	33 39	10 56	13 58	14 33	17 7			n.a.
W28	1 4	1s20	2 25	3 46	0 58	12 43	6 44	14 21	0 43	19 21	0 7	22 53	0 48	11 34	0 45	8 9	1 55	33 39	10 56	13 56	14 32	17 4			n.a.
T 29	0 41	7 3	1 23	2 47	0 48	12 33	6 42	14 34	0 43	19 23	0 7	22 53	0 48	11 33	0 45	8 9	1 55	33 39	10 56	13 55	14 31	17 1			n.a.
F 30	0 18	12 34	0 17	1 46	0 39	12 21	6 40	14 48	0 44	19 26	0 7	22 52	0 48	11 32	0 45	8 10	1 55	33 39	10 56	13 54	14 30	16 59			n.a.
S 31	0n 6	17s40	0s51	0s45	0s29	12n 7	6n36	15n 1	0n44	19n28	0s 7	22s52	0s48	11s31	0s45	8n10	1n55	33n38	10n55	13n55	14n29	16n56			n.a.

Julian Day Number = 1351849.5, Delta T = 07h06m37s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'40, Lahiri = -17°55'39 Julian Calendar 1 March 1012 BCE == Greg. Calendar 19 Feb. 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

APRIL 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 58 26	1♈11'41	28♏38	1♈23	14°R39	8♉24	26♉14	21♑36	2♓22	13°R57	16°R18	6♉33	8♉13	27♌59	n.a.	S 1
M 2	12 2 22	2° 9'30	11♐39	3°34	14♈ 9	9° 2	26°25	21°40	2°25	13♍55	16♋17	6°35	8° 9	28° 6	n.a.	M 2
T 3	12 6 19	3° 7'17	24°59	5°44	13°37	9°40	26°35	21°44	2°28	13°54	16°17	6°36	8° 6	28°13	n.a.	T 3
W 4	12 10 15	4° 5'02	8♑40	7°54	13° 4	10°19	26°45	21°48	2°31	13°52	16°17	6°R36	8° 3	28°20	n.a.	W 4
T 5	12 14 12	5° 2'47	22°42	10° 4	12°29	10°57	26°56	21°52	2°34	13°51	16°17	6°35	8° 0	28°26	n.a.	T 5
F 6	12 18 9	6° 0'30	7♒ 6	12°13	11°53	11°35	27° 7	21°55	2°37	13°49	16°17	6°32	7°57	28°33	n.a.	F 6
S 7	12 22 5	6°58'12	21°47	14°21	11°16	12°14	27°17	21°59	2°40	13°48	16°D17	6°29	7°54	28°40	n.a.	S 7
S 8	12 26 2	7°55'53	6♓41	16°29	10°39	12°52	27°28	22° 2	2°43	13°46	16°17	6°25	7°50	28°46	n.a.	S 8
M 9	12 29 58	8°53'32	21°39	18°34	10° 1	13°30	27°39	22° 6	2°46	13°45	16°17	6°21	7°47	28°53	n.a.	M 9
T 10	12 33 55	9°51'10	6♈33	20°38	9°23	14° 9	27°50	22° 9	2°48	13°43	16°17	6°18	7°44	29° 0	n.a.	T 10
W11	12 37 51	10°48'46	21°16	22°41	8°46	14°47	28° 1	22°12	2°51	13°42	16°17	6°16	7°41	29° 7	n.a.	W11
T 12	12 41 48	11°46'21	5♉39	24°41	8° 8	15°25	28°12	22°15	2°54	13°40	16°17	6°D16	7°38	29°13	n.a.	T 12
F 13	12 45 44	12°43'55	19°38	26°38	7°31	16° 3	28°23	22°18	2°57	13°39	16°18	6°16	7°34	29°20	n.a.	F 13
S 14	12 49 41	13°41'28	3♊12	28°34	6°55	16°42	28°34	22°21	3° 0	13°38	16°18	6°17	7°31	29°27	n.a.	S 14
S 15	12 53 37	14°38'58	16°21	0♉26	6°20	17°20	28°46	22°24	3° 2	13°36	16°18	6°19	7°28	29°33	n.a.	S 15
M16	12 57 34	15°36'28	29° 7	2°16	5°46	17°58	28°57	22°27	3° 5	13°35	16°18	6°20	7°25	29°40	n.a.	M16
T 17	13 1 31	16°33'56	11♋33	4° 3	5°13	18°36	29° 8	22°29	3° 8	13°34	16°18	6°R21	7°22	29°47	n.a.	T 17
W18	13 5 27	17°31'22	23°45	5°48	4°42	19°14	29°20	22°32	3°11	13°32	16°19	6°21	7°19	29°54	n.a.	W18
T 19	13 9 24	18°28'47	5♌45	7°29	4°13	19°53	29°32	22°34	3°13	13°31	16°19	6°20	7°15	0♍ 0	n.a.	T 19
F 20	13 13 20	19°26'11	17°39	9° 7	3°46	20°31	29°43	22°37	3°16	13°30	16°19	6°18	7°12	0° 7	n.a.	F 20
S 21	13 17 17	20°23'33	29°31	10°43	3°20	21° 9	29°55	22°39	3°18	13°29	16°20	6°16	7° 9	0°14	n.a.	S 21
S 22	13 21 13	21°20'54	11♍24	12°15	2°57	21°47	0♊ 7	22°41	3°21	13°27	16°20	6°14	7° 6	0°20	n.a.	S 22
M23	13 25 10	22°18'13	23°22	13°44	2°36	22°25	0°19	22°43	3°23	13°26	16°21	6°12	7° 3	0°27	n.a.	M23
T 24	13 29 7	23°15'32	5♎27	15°10	2°17	23° 3	0°30	22°45	3°26	13°25	16°21	6°10	7° 0	0°34	n.a.	T 24
W25	13 33 3	24°12'49	17°42	16°33	2° 1	23°41	0°42	22°47	3°28	13°24	16°22	6° 9	6°56	0°41	n.a.	W25
T 26	13 37 0	25°10'05	0♏ 7	17°53	1°47	24°19	0°54	22°49	3°31	13°23	16°22	6°D 8	6°53	0°47	n.a.	T 26
F 27	13 40 56	26° 7'21	12°44	19° 9	1°36	24°58	1° 6	22°51	3°33	13°22	16°23	6° 8	6°50	0°54	n.a.	F 27
S 28	13 44 53	27° 4'36	25°35	20°22	1°26	25°36	1°19	22°52	3°35	13°20	16°23	6° 9	6°47	1° 1	n.a.	S 28
S 29	13 48 49	28° 1'50	8♐38	21°32	1°20	26°14	1°31	22°54	3°38	13°19	16°24	6° 9	6°44	1° 7	n.a.	S 29
M30	13 52 46	28♈59'04	21♐56	22♉38	1♈16	26♉52	1♊43	22♑55	3♓40	13♍18	16♋25	6♉10	6♉40	1♍14	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n29	22s 5	1s58	0n17	0s18	11n52	6n32	15n14	0n45	19n31	0s 7	22s51	0s48	11s30	0s45	8n11	1n55	33n38	10n55	13n55	14n28	16n53		n.a.
M 2	0 52	25 30	3 0	1 19	0 8	11 36	6 27	15 27	0 45	19 33	0 6	22 51	0 49	11 29	0 45	8 12	1 55	33 38	10 55	13 55	14 27	16 51		n.a.
T 3	1 16	27 37	3 54	2 21	0n 3	11 18	6 22	15 39	0 45	19 36	0 6	22 50	0 49	11 28	0 45	8 12	1 55	33 38	10 55	13 56	14 26	16 48		n.a.
W 4	1 39	28 7	4 36	3 23	0 13	10 59	6 16	15 52	0 46	19 38	0 6	22 50	0 49	11 27	0 45	8 13	1 55	33 37	10 54	13 56	14 25	16 45		n.a.
T 5	2 2	26 51	5 3	4 25	0 24	10 39	6 9	16 5	0 46	19 41	0 6	22 49	0 49	11 26	0 45	8 13	1 55	33 37	10 54	13 56	14 24	16 43		n.a.
F 6	2 25	23 49	5 12	5 26	0 34	10 17	6 1	16 17	0 47	19 44	0 6	22 49	0 49	11 25	0 45	8 14	1 55	33 37	10 54	13 55	14 23	16 40		n.a.
S 7	2 49	19 12	5 1	6 26	0 45	9 55	5 53	16 30	0 47	19 46	0 6	22 48	0 49	11 23	0 45	8 14	1 55	33 37	10 54	13 54	14 22	16 37		n.a.
S 8	3 12	13 22	4 30	7 25	0 55	9 32	5 43	16 42	0 47	19 49	0 6	22 48	0 50	11 22	0 45	8 15	1 55	33 36	10 54	13 52	14 21	16 35		n.a.
M 9	3 35	6 44	3 40	8 23	1 5	9 7	5 34	16 54	0 48	19 51	0 6	22 48	0 50	11 21	0 45	8 15	1 55	33 36	10 53	13 51	14 20	16 32		n.a.
T 10	3 58	0n16	2 36	9 20	1 15	8 43	5 23	17 6	0 48	19 54	0 5	22 47	0 50	11 20	0 45	8 16	1 55	33 36	10 53	13 50	14 19	16 29		n.a.
W11	4 21	7 10	1 21	10 15	1 24	8 17	5 12	17 18	0 49	19 57	0 5	22 47	0 50	11 19	0 45	8 17	1 55	33 36	10 53	13 49	14 17	16 26		n.a.
T 12	4 44	13 34	0 3	11 8	1 32	7 52	5 1	17 30	0 49	19 59	0 5	22 46	0 50	11 18	0 45	8 17	1 55	33 35	10 53	13 49	14 16	16 24		n.a.
F 13	5 6	19 5	1n13	11 59	1 40	7 26	4 49	17 41	0 49	20 2	0 5	22 46	0 50	11 17	0 45	8 18	1 55	33 35	10 52	13 49	14 15	16 21		n.a.
S 14	5 29	23 28	2 23	12 48	1 48	7 0	4 36	17 53	0 50	20 5	0 5	22 46	0 51	11 16	0 45	8 18	1 55	33 35	10 52	13 50	14 14	16 18		n.a.
S 15	5 52	26 28	3 23	13 36	1 55	6 34	4 23	18 4	0 50	20 7	0 5	22 45	0 51	11 15	0 45	8 19	1 55	33 35	10 52	13 50	14 13	16 16		n.a.
M16	6 14	28 0	4 11	14 20	2 1	6 8	4 10	18 16	0 51	20 10	0 5	22 45	0 51	11 14	0 45	8 19	1 55	33 34	10 52	13 51	14 12	16 13		n.a.
T 17	6 37	28 3	4 46	15 3	2 7	5 43	3 56	18 27	0 51	20 13	0 5	22 45	0 51	11 13	0 46	8 20	1 55	33 34	10 51	13 51	14 11	16 10		n.a.
W18	6 59	26 44	5 8	15 43	2 11	5 18	3 43	18 38	0 51	20 15	0 4	22 45	0 51	11 12	0 46	8 20	1 55	33 34	10 51	13 51	14 10	16 7		n.a.
T 19	7 21	24 13	5 15	16 21	2 16	4 53	3 29	18 49	0 52	20 18	0 4	22 44	0 51	11 11	0 46	8 21	1 55	33 34	10 51	13 51	14 9	16 5		n.a.
F 20	7 43	20 40	5 9	16 57	2 19	4 29	3 15	19 0	0 52	20 20	0 4	22 44	0 52	11 10	0 46	8 21	1 55	33 33	10 51	13 50	14 8	16 2		n.a.
S 21	8 5	16 20	4 50	17 30	2 22	4 6	3 1	19 10	0 52	20 23	0 4	22 44	0 52	11 10	0 46	8 21	1 55	33 33	10 50	13 49	14 7	15 59		n.a.
S 22	8 27	11 22	4 18	18 2	2 23	3 44	2 47	19 21	0 53	20 26	0 4	22 44	0 52	11 9	0 46	8 22	1 55	33 33	10 50	13 49	14 6	15 56		n.a.
M23	8 49	5 57	3 35	18 30	2 25	3 23	2 33	19 31	0 53	20 28	0 4	22 43	0 52	11 8	0 46	8 22	1 55	33 32	10 50	13 48	14 5	15 53		n.a.
T 24	9 11	0 16	2 42	18 57	2 25	3 3	2 19	19 41	0 53	20 31	0 4	22 43	0 52	11 7	0 46	8 23	1 55	33 32	10 50	13 47	14 4	15 51		n.a.
W25	9 32	5s31	1 40	19 21	2 24	2 43	2 5	19 51	0 54	20 34	0 4	22 43	0 52	11 6	0 46	8 23	1 55	33 32	10 49	13 47	14 3	15 48		n.a.
T 26	9 53	11 10	0 33	19 43	2 23	2 25	1 52	20 1	0 54	20 36	0 4	22 43	0 53	11 5	0 46	8 24	1 55	33 31	10 49	13 47	14 2	15 45		n.a.
F 27	10 15	16 29	0s36	20 3	2 21	2 8	1 38	20 11	0 54	20 39	0 3	22 43	0 53	11 4	0 46	8 24	1 55	33 31	10 49	13 47	14 1	15 42		n.a.
S 28	10 36	21 10	1 46	20 20	2 18	1 53	1 25	20 21	0 55	20 42	0 3	22 43	0 53	11 3	0 46	8 24	1 55	33 31	10 49	13 47	14 0	15 40		n.a.
S 29	10 56	24 54	2 50	20 36	2 14	1 38	1 12	20 30	0 55	20 44	0 3	22 43	0 53	11 3	0 46	8 25	1 55	33 30	10 48	13 47	13 58	15 37		n.a.
M30	11n17	27s21	3s47	20n49	2n10	1n25	1n 0	20n40	0n55	20n47	0s 3	22s43	0s53	11s 2	0s46	8n25	1n55	33n30	10n48	13n47	13n57	15n34		n.a.

Julian Day Number = 1351880.5, Delta T = 07h06m35s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'35, Lahiri = -17°55'35 Julian Calendar 1 Apr. 1012 BCE == Greg. Calendar 22 March 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

MAY 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 56 42	29♈56'16	5♉28	23♉41	1°D14	27♉30	1♊55	22♉57	3♓42	13°R17	16♋25	6♉11	6♉37	1♍21	n.a.	T 1
W 2	14 0 39	0♉53'29	19°15	24°41	1♈14	28° 8	2° 8	22°58	3°44	13♍16	16°26	6°11	6°34	1°27	n.a.	W 2
T 3	14 4 36	1°50'41	3♒16	25°37	1°17	28°46	2°20	22°59	3°47	13°15	16°27	6°R11	6°31	1°34	n.a.	T 3
F 4	14 8 32	2°47'53	17°29	26°29	1°22	29°24	2°33	23° 0	3°49	13°15	16°27	6°11	6°28	1°41	n.a.	F 4
S 5	14 12 29	3°45'04	1♓53	27°17	1°29	0♊ 2	2°45	23° 1	3°51	13°14	16°28	6°11	6°25	1°48	n.a.	S 5
S 6	14 16 25	4°42'15	16°23	28° 2	1°39	0°40	2°58	23° 2	3°53	13°13	16°29	6°11	6°21	1°54	n.a.	S 6
M 7	14 20 22	5°39'25	0♈56	28°42	1°50	1°18	3°10	23° 3	3°55	13°12	16°30	6°10	6°18	2° 1	n.a.	M 7
T 8	14 24 18	6°36'35	15°26	29°19	2° 4	1°56	3°23	23° 3	3°57	13°11	16°31	6°D10	6°15	2° 8	n.a.	T 8
W 9	14 28 15	7°33'45	29°47	29°51	2°19	2°34	3°35	23° 4	3°59	13°10	16°32	6°R11	6°12	2°14	n.a.	W 9
T 10	14 32 11	8°30'54	13♉54	0♊19	2°37	3°12	3°48	23° 4	4° 1	13° 9	16°32	6°11	6° 9	2°21	n.a.	T 10
F 11	14 36 8	9°28'03	27°44	0°43	2°56	3°50	4° 1	23° 4	4° 3	13° 9	16°33	6°10	6° 5	2°28	n.a.	F 11
S 12	14 40 5	10°25'11	11♊13	1° 2	3°17	4°28	4°14	23° 5	4° 4	13° 8	16°34	6°10	6° 2	2°35	n.a.	S 12
S 13	14 44 1	11°22'19	24°21	1°17	3°40	5° 6	4°27	23° 5	4° 6	13° 7	16°35	6° 9	5°59	2°41	n.a.	S 13
M14	14 47 58	12°19'26	7♋ 8	1°27	4° 5	5°44	4°39	23°R 5	4° 8	13° 7	16°36	6° 9	5°56	2°48	n.a.	M14
T 15	14 51 54	13°16'33	19°37	1°33	4°31	6°22	4°52	23° 5	4°10	13° 6	16°37	6° 8	5°53	2°55	n.a.	T 15
W16	14 55 51	14°13'39	1♌50	1°R34	4°58	7° 0	5° 5	23° 5	4°11	13° 5	16°38	6° 8	5°50	3° 1	n.a.	W16
T 17	14 59 47	15°10'45	13°52	1°30	5°27	7°38	5°18	23° 4	4°13	13° 5	16°40	6°D 7	5°46	3° 8	n.a.	T 17
F 18	15 3 44	16° 7'50	25°47	1°22	5°58	8°16	5°31	23° 4	4°14	13° 4	16°41	6° 7	5°43	3°15	n.a.	F 18
S 19	15 7 41	17° 4'55	7♍39	1°10	6°30	8°54	5°44	23° 4	4°16	13° 4	16°42	6° 8	5°40	3°22	n.a.	S 19
S 20	15 11 37	18° 1'59	19°34	0°54	7° 3	9°32	5°57	23° 3	4°17	13° 3	16°43	6° 9	5°37	3°28	n.a.	S 20
M21	15 15 34	18°59'02	1♎35	0°33	7°38	10°10	6°10	23° 2	4°19	13° 3	16°44	6°10	5°34	3°35	n.a.	M21
T 22	15 19 30	19°56'06	13°46	0° 9	8°14	10°48	6°23	23° 2	4°20	13° 2	16°45	6°11	5°31	3°42	n.a.	T 22
W23	15 23 27	20°53'09	26°10	29♉42	8°51	11°26	6°37	23° 1	4°21	13° 2	16°47	6°12	5°27	3°48	n.a.	W23
T 24	15 27 23	21°50'12	8♏49	29°12	9°29	12° 4	6°50	23° 0	4°23	13° 2	16°48	6°R12	5°24	3°55	n.a.	T 24
F 25	15 31 20	22°47'16	21°45	28°39	10° 8	12°42	7° 3	22°59	4°24	13° 1	16°49	6°12	5°21	4° 2	n.a.	F 25
S 26	15 35 16	23°44'19	4♐58	28° 5	10°49	13°20	7°16	22°58	4°25	13° 1	16°50	6°10	5°18	4° 9	n.a.	S 26
S 27	15 39 13	24°41'22	18°26	27°29	11°30	13°58	7°29	22°56	4°26	13° 1	16°52	6° 8	5°15	4°15	n.a.	S 27
M28	15 43 10	25°38'26	2♑ 9	26°52	12°12	14°36	7°42	22°55	4°27	13° 1	16°53	6° 6	5°11	4°22	n.a.	M28
T 29	15 47 6	26°35'30	16° 3	26°15	12°56	15°14	7°56	22°54	4°28	13° 0	16°54	6° 3	5° 8	4°29	n.a.	T 29
W30	15 51 3	27°32'35	0♒ 6	25°39	13°40	15°52	8° 9	22°52	4°30	13° 0	16°56	6° 1	5° 5	4°35	n.a.	W30
T 31	15 54 59	28♉29'40	14♒14	25♉ 3	14♈25	16♊30	8♊22	22♉50	4♓30	13♍ 0	16♋57	5♉59	5♉ 2	4♍42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11n38	28s14	4s33	21n 0	2n 5	1n13	0n47	20n49	0n56	20n50	0s 3	22s43	0s53	11s 1	0s46	8n26	1n55	33n30	10n48	13n47	13n56	15n31			n.a.
W 2	11 58	27 25	5 3	21 9	1 59	1 2	0 35	20 58	0 56	20 52	0 3	22 43	0 54	11 0	0 46	8 26	1 54	33 30	10 48	13 48	13 55	15 28			n.a.
T 3	12 18	24 51	5 16	21 16	1 52	0 53	0 24	21 7	0 56	20 55	0 3	22 43	0 54	10 59	0 46	8 26	1 54	33 29	10 47	13 48	13 54	15 26			n.a.
F 4	12 38	20 45	5 11	21 22	1 44	0 44	0 12	21 15	0 56	20 57	0 3	22 43	0 54	10 59	0 46	8 27	1 54	33 29	10 47	13 48	13 53	15 23			n.a.
S 5	12 58	15 24	4 46	21 25	1 36	0 37	0 1	21 24	0 57	21 0	0 3	22 43	0 54	10 58	0 46	8 27	1 54	33 29	10 47	13 47	13 52	15 20			n.a.
S 6	13 18	9 10	4 2	21 26	1 26	0 31	0s 9	21 32	0 57	21 2	0 2	22 43	0 54	10 57	0 46	8 27	1 54	33 28	10 47	13 47	13 51	15 17			n.a.
M 7	13 37	2 25	3 3	21 26	1 16	0 27	0 20	21 41	0 57	21 5	0 2	22 43	0 55	10 57	0 46	8 27	1 54	33 28	10 47	13 47	13 50	15 14			n.a.
T 8	13 56	4n27	1 52	21 23	1 6	0 23	0 30	21 49	0 58	21 8	0 2	22 43	0 55	10 56	0 46	8 28	1 54	33 28	10 46	13 47	13 49	15 11			n.a.
W 9	14 15	11 1	0 35	21 19	0 54	0 20	0 39	21 57	0 58	21 10	0 2	22 43	0 55	10 55	0 46	8 28	1 54	33 27	10 46	13 47	13 48	15 9			n.a.
T 10	14 34	16 57	0n43	21 13	0 42	0 19	0 49	22 5	0 58	21 13	0 2	22 43	0 55	10 54	0 46	8 28	1 54	33 27	10 46	13 47	13 47	15 6			n.a.
F 11	14 52	21 52	1 57	21 6	0 29	0 19	0 57	22 12	0 58	21 15	0 2	22 43	0 55	10 54	0 46	8 28	1 54	33 27	10 46	13 47	13 46	15 3			n.a.
S 12	15 11	25 29	3 2	20 57	0 16	0 19	1 6	22 20	0 59	21 18	0 2	22 43	0 55	10 53	0 46	8 29	1 54	33 26	10 45	13 47	13 45	15 0			n.a.
S 13	15 29	27 38	3 56	20 46	0 1	0 21	1 14	22 27	0 59	21 20	0 2	22 43	0 56	10 53	0 46	8 29	1 54	33 26	10 45	13 47	13 44	14 57			n.a.
M14	15 47	28 14	4 37	20 34	0s13	0 23	1 22	22 34	0 59	21 23	0 2	22 43	0 56	10 52	0 46	8 29	1 54	33 25	10 45	13 47	13 43	14 54			n.a.
T 15	16 4	27 22	5 4	20 20	0 28	0 27	1 30	22 41	0 59	21 25	0 1	22 44	0 56	10 51	0 46	8 29	1 54	33 25	10 45	13 47	13 41	14 52			n.a.
W16	16 22	25 11	5 16	20 5	0 44	0 31	1 37	22 48	1 0	21 28	0 1	22 44	0 56	10 51	0 46	8 30	1 54	33 25	10 45	13 46	13 40	14 49			n.a.
T 17	16 39	21 55	5 14	19 49	1 0	0 37	1 44	22 55	1 0	21 30	0 1	22 44	0 56	10 50	0 46	8 30	1 54	33 24	10 44	13 46	13 39	14 46			n.a.
F 18	16 56	17 47	4 58	19 31	1 16	0 43	1 51	23 1	1 0	21 33	0 1	22 44	0 56	10 50	0 46	8 30	1 54	33 24	10 44	13 46	13 38	14 43			n.a.
S 19	17 12	13 0	4 30	19 13	1 32	0 50	1 57	23 8	1 0	21 35	0 1	22 45	0 57	10 49	0 46	8 30	1 54	33 24	10 44	13 47	13 37	14 40			n.a.
S 20	17 28	7 43	3 50	18 53	1 49	0 58	2 3	23 14	1 1	21 38	0 1	22 45	0 57	10 49	0 47	8 30	1 54	33 23	10 44	13 47	13 36	14 37			n.a.
M21	17 44	2 6	3 0	18 33	2 5	1 6	2 9	23 20	1 1	21 40	0 1	22 45	0 57	10 48	0 47	8 30	1 54	33 23	10 44	13 47	13 35	14 34			n.a.
T 22	18 0	3s40	2 1	18 13	2 21	1 16	2 15	23 26	1 1	21 42	0 1	22 45	0 57	10 48	0 47	8 30	1 54	33 23	10 43	13 48	13 34	14 31			n.a.
W23	18 16	9 24	0 55	17 52	2 36	1 26	2 20	23 31	1 1	21 45	0 1	22 46	0 57	10 47	0 47	8 31	1 53	33 22	10 43	13 48	13 33	14 29			n.a.
T 24	18 31	14 54	0s14	17 30	2 51	1 36	2 25	23 37	1 2	21 47	0 0	22 46	0 58	10 47	0 47	8 31	1 53	33 22	10 43	13 48	13 32	14 26			n.a.
F 25	18 46	19 51	1 25	17 9	3 6	1 48	2 29	23 42	1 2	21 49	0 0	22 46	0 58	10 46	0 47	8 31	1 53	33 22	10 43	13 48	13 31	14 23			n.a.
S 26	19 0	23 57	2 32	16 49	3 19	1 59	2 34	23 47	1 2	21 52	0 0	22 47	0 58	10 46	0 47	8 31	1 53	33 21	10 43	13 47	13 30	14 20			n.a.
S 27	19 14	26 50	3 32	16 28	3 32	2 12	2 38	23 52	1 2	21 54	0 0	22 47	0 58	10 46	0 47	8 31	1 53	33 21	10 43	13 47	13 29	14 17			n.a.
M28	19 28	28 9	4 21	16 9	3 43	2 25	2 42	23 57	1 2	21 56	0 0	22 48	0 58	10 45	0 47	8 31	1 53	33 21	10 42	13 46	13 27	14 14			n.a.
T 29	19 42	27 43	4 55	15 50	3 53	2 39	2 46	24 1	1 3	21 59	0n 0	22 48	0 58	10 45	0 47	8 31	1 53	33 20	10 42	13 45	13 26	14 11			n.a.
W30	19 55	25 32	5 13	15 33	4 2	2 53	2 49	24 6	1 3	22 1	0 0	22 48	0 59	10 44	0 47	8 31	1 53	33 20	10 42	13 44	13 25	14 8			n.a.
T 31	20n 8	21s46	5s11	15n18	4s10	3n 8	2s52	24n10	1n 3	22n 3	0n 0	22s49	0s59	10s44	0s47	8n31	1n53	33n19	10n42	13n44	13n24	14n 5			n.a.

Julian Day Number = 1351910.5, Delta T = 07h06m34s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'31, Lahiri = -17°55'31 Julian Calendar 1 May 1012 BCE == Greg. Calendar 21 Apr. 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

JUNE 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 58 56	29♉26'45	28♒27	24°R30	15♈11	17♊ 8	8♊35	22°R49	4♓31	13°R 0	16♋59	5°D59	4♉59	4♍49	n.a.	F 1
S 2	16 2 52	0♊23'51	12♓40	23♉59	15°58	17°46	8°49	22♏47	4°32	13♍ 0	17° 0	5♉59	4°56	4°55	n.a.	S 2
S 3	16 6 49	1°20'57	26°53	23°30	16°46	18°24	9° 2	22°45	4°33	13° 0	17° 1	6° 0	4°52	5° 2	n.a.	S 3
M 4	16 10 45	2°18'05	11♈ 1	23° 6	17°34	19° 2	9°15	22°43	4°34	13°D 0	17° 3	6° 2	4°49	5° 9	n.a.	M 4
T 5	16 14 42	3°15'12	25° 4	22°45	18°23	19°40	9°29	22°41	4°35	13° 0	17° 4	6° 3	4°46	5°16	n.a.	T 5
W 6	16 18 39	4°12'21	8♉59	22°28	19°13	20°18	9°42	22°39	4°35	13° 0	17° 6	6°R 3	4°43	5°22	n.a.	W 6
T 7	16 22 35	5° 9'30	22°43	22°16	20° 3	20°56	9°55	22°37	4°36	13° 0	17° 7	6° 2	4°40	5°29	n.a.	T 7
F 8	16 26 32	6° 6'40	6♊14	22° 9	20°54	21°34	10° 9	22°34	4°37	13° 0	17° 9	6° 0	4°37	5°36	n.a.	F 8
S 9	16 30 28	7° 3'50	19°29	22°D 6	21°46	22°12	10°22	22°32	4°37	13° 0	17°11	5°56	4°33	5°42	n.a.	S 9
S 10	16 34 25	8° 1'01	2♋28	22°10	22°39	22°50	10°36	22°29	4°38	13° 0	17°12	5°51	4°30	5°49	n.a.	S 10
M11	16 38 21	8°58'12	15° 9	22°18	23°31	23°28	10°49	22°27	4°38	13° 1	17°14	5°45	4°27	5°56	n.a.	M11
T 12	16 42 18	9°55'24	27°35	22°33	24°25	24° 6	11° 2	22°24	4°38	13° 1	17°15	5°40	4°24	6° 3	n.a.	T 12
W13	16 46 15	10°52'36	9♌47	22°52	25°19	24°44	11°16	22°21	4°39	13° 1	17°17	5°36	4°21	6° 9	n.a.	W13
T 14	16 50 11	11°49'48	21°49	23°18	26°14	25°22	11°29	22°18	4°39	13° 1	17°19	5°32	4°17	6°16	n.a.	T 14
F 15	16 54 8	12°47'01	3♍43	23°49	27° 9	26° 0	11°42	22°15	4°39	13° 2	17°20	5°30	4°14	6°23	n.a.	F 15
S 16	16 58 4	13°44'15	15°35	24°26	28° 4	26°38	11°56	22°12	4°39	13° 2	17°22	5°D30	4°11	6°29	n.a.	S 16
S 17	17 2 1	14°41'29	27°29	25° 8	29° 0	27°16	12° 9	22° 9	4°40	13° 2	17°24	5°30	4° 8	6°36	n.a.	S 17
M18	17 5 57	15°38'43	9♎30	25°56	29°57	27°54	12°23	22° 6	4°40	13° 3	17°25	5°32	4° 5	6°43	n.a.	M18
T 19	17 9 54	16°35'58	21°44	26°50	0♉54	28°32	12°36	22° 3	4°40	13° 3	17°27	5°33	4° 2	6°49	n.a.	T 19
W20	17 13 50	17°33'14	4♏14	27°49	1°51	29°10	12°49	22° 0	4°R40	13° 4	17°29	5°R34	3°58	6°56	n.a.	W20
T 21	17 17 47	18°30'30	17° 4	28°53	2°49	29°48	13° 3	21°56	4°40	13° 4	17°31	5°33	3°55	7° 3	n.a.	T 21
F 22	17 21 44	19°27'48	0♐15	0♊ 3	3°47	0♋26	13°16	21°53	4°40	13° 5	17°32	5°31	3°52	7°10	n.a.	F 22
S 23	17 25 40	20°25'06	13°48	1°18	4°46	1° 4	13°29	21°49	4°40	13° 6	17°34	5°27	3°49	7°16	n.a.	S 23
S 24	17 29 37	21°22'25	27°41	2°37	5°45	1°43	13°43	21°46	4°39	13° 6	17°36	5°21	3°46	7°23	n.a.	S 24
M25	17 33 33	22°19'46	11♑51	4° 2	6°44	2°21	13°56	21°42	4°39	13° 7	17°38	5°14	3°43	7°30	n.a.	M25
T 26	17 37 30	23°17'07	26°13	5°31	7°44	2°59	14° 9	21°39	4°39	13° 8	17°40	5° 6	3°39	7°36	n.a.	T 26
W27	17 41 26	24°14'30	10♒39	7° 4	8°44	3°37	14°22	21°35	4°38	13° 8	17°42	5° 0	3°36	7°43	n.a.	W27
T 28	17 45 23	25°11'54	25° 6	8°42	9°45	4°15	14°36	21°31	4°38	13° 9	17°43	4°54	3°33	7°50	n.a.	T 28
F 29	17 49 20	26° 9'20	9♓28	10°24	10°45	4°53	14°49	21°27	4°38	13°10	17°45	4°51	3°30	7°56	n.a.	F 29
S 30	17 53 16	27♊ 6'47	23♓42	12♊ 9	11♉46	5♋31	15♊ 2	21♏23	4♓37	13♍11	17♋47	4°D50	3♉27	8♍ 3	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n21	16s44	4s51	15n 4	4s15	3n23	2s55	24n14	1n 3	22n 5	0n 0	22s49	0s59	10s44	0s47	8n31	1n53	33n19	10n42	13n43	13n23	14n 2		n.a.
S 2	20 33	10 47	4 12	14 52	4 20	3 39	2 58	24 18	1 3	22 8	0 0	22 50	0 59	10 44	0 47	8 31	1 53	33 19	10 42	13 44	13 22	13 59		n.a.
S 3	20 45	4 17	3 19	14 42	4 23	3 55	3 1	24 22	1 4	22 10	0 1	22 50	0 59	10 43	0 47	8 31	1 53	33 18	10 41	13 44	13 21	13 56		n.a.
M 4	20 57	2n24	2 13	14 35	4 24	4 11	3 3	24 25	1 4	22 12	0 1	22 51	0 59	10 43	0 47	8 31	1 53	33 18	10 41	13 44	13 20	13 54		n.a.
T 5	21 8	8 56	1 0	14 30	4 24	4 28	3 5	24 28	1 4	22 14	0 1	22 51	1 0	10 43	0 47	8 31	1 53	33 18	10 41	13 45	13 19	13 51		n.a.
W 6	21 19	14 58	0n16	14 27	4 23	4 46	3 7	24 31	1 4	22 16	0 1	22 52	1 0	10 43	0 47	8 31	1 53	33 17	10 41	13 45	13 18	13 48		n.a.
T 7	21 30	20 11	1 30	14 27	4 20	5 3	3 9	24 34	1 4	22 18	0 1	22 52	1 0	10 42	0 47	8 31	1 53	33 17	10 41	13 45	13 17	13 45		n.a.
F 8	21 40	24 16	2 38	14 29	4 15	5 21	3 10	24 37	1 5	22 21	0 1	22 53	1 0	10 42	0 47	8 31	1 53	33 17	10 41	13 44	13 16	13 42		n.a.
S 9	21 50	26 58	3 35	14 34	4 10	5 39	3 12	24 40	1 5	22 23	0 1	22 54	1 0	10 42	0 47	8 30	1 53	33 16	10 41	13 42	13 14	13 39		n.a.
S 10	21 59	28 8	4 20	14 41	4 3	5 58	3 13	24 42	1 5	22 25	0 1	22 54	1 0	10 42	0 47	8 30	1 52	33 16	10 40	13 41	13 13	13 36		n.a.
M11	22 9	27 46	4 51	14 51	3 56	6 17	3 14	24 44	1 5	22 27	0 1	22 55	1 1	10 42	0 47	8 30	1 52	33 16	10 40	13 39	13 12	13 33		n.a.
T 12	22 17	26 0	5 8	15 3	3 47	6 36	3 15	24 46	1 5	22 29	0 2	22 55	1 1	10 42	0 47	8 30	1 52	33 15	10 40	13 37	13 11	13 30		n.a.
W13	22 26	23 3	5 10	15 17	3 37	6 55	3 15	24 48	1 5	22 31	0 2	22 56	1 1	10 42	0 47	8 30	1 52	33 15	10 40	13 36	13 10	13 27		n.a.
T 14	22 34	19 9	4 59	15 33	3 27	7 15	3 16	24 50	1 6	22 33	0 2	22 57	1 1	10 41	0 47	8 30	1 52	33 15	10 40	13 34	13 9	13 24		n.a.
F 15	22 41	14 33	4 34	15 52	3 16	7 34	3 16	24 51	1 6	22 35	0 2	22 57	1 1	10 41	0 48	8 29	1 52	33 14	10 40	13 34	13 8	13 21		n.a.
S 16	22 49	9 25	3 58	16 12	3 4	7 54	3 16	24 52	1 6	22 37	0 2	22 58	1 1	10 41	0 48	8 29	1 52	33 14	10 40	13 34	13 7	13 18		n.a.
S 17	22 55	3 57	3 12	16 35	2 51	8 14	3 16	24 53	1 6	22 38	0 2	22 59	1 2	10 41	0 48	8 29	1 52	33 14	10 40	13 34	13 6	13 15		n.a.
M18	23 2	1s44	2 17	16 59	2 39	8 34	3 16	24 54	1 6	22 40	0 2	22 59	1 2	10 41	0 48	8 29	1 52	33 13	10 40	13 34	13 5	13 12		n.a.
T 19	23 8	7 27	1 14	17 24	2 25	8 54	3 16	24 55	1 6	22 42	0 2	23 0	1 2	10 41	0 48	8 29	1 52	33 13	10 39	13 35	13 4	13 9		n.a.
W20	23 13	13 1	0 7	17 51	2 12	9 15	3 16	24 55	1 7	22 44	0 2	23 1	1 2	10 41	0 48	8 28	1 52	33 13	10 39	13 35	13 3	13 6		n.a.
T 21	23 19	18 11	1s 2	18 18	1 58	9 35	3 15	24 56	1 7	22 46	0 2	23 1	1 2	10 41	0 48	8 28	1 52	33 12	10 39	13 35	13 1	13 3		n.a.
F 22	23 23	22 38	2 9	18 47	1 44	9 56	3 15	24 56	1 7	22 48	0 3	23 2	1 2	10 42	0 48	8 28	1 52	33 12	10 39	13 34	13 0	13 0		n.a.
S 23	23 28	25 59	3 11	19 16	1 30	10 16	3 14	24 56	1 7	22 49	0 3	23 3	1 3	10 42	0 48	8 28	1 52	33 12	10 39	13 33	12 59	12 57		n.a.
S 24	23 32	27 52	4 4	19 46	1 16	10 37	3 13	24 55	1 7	22 51	0 3	23 3	1 3	10 42	0 48	8 27	1 52	33 11	10 39	13 31	12 58	12 54		n.a.
M25	23 35	27 58	4 42	20 16	1 2	10 58	3 12	24 55	1 7	22 53	0 3	23 4	1 3	10 42	0 48	8 27	1 52	33 11	10 39	13 28	12 57	12 51		n.a.
T 26	23 39	26 12	5 3	20 46	0 49	11 18	3 11	24 54	1 7	22 55	0 3	23 5	1 3	10 42	0 48	8 27	1 52	33 11	10 39	13 26	12 56	12 48		n.a.
W27	23 41	22 44	5 5	21 15	0 35	11 39	3 9	24 54	1 7	22 56	0 3	23 6	1 3	10 42	0 48	8 26	1 51	33 10	10 39	13 23	12 55	12 45		n.a.
T 28	23 44	17 52	4 48	21 44	0 22	12 0	3 8	24 52	1 8	22 58	0 3	23 6	1 3	10 42	0 48	8 26	1 51	33 10	10 39	13 22	12 54	12 42		n.a.
F 29	23 46	12 2	4 13	22 13	0 9	12 20	3 6	24 51	1 8	23 0	0 3	23 7	1 3	10 43	0 48	8 26	1 51	33 10	10 39	13 21	12 53	12 39		n.a.
S 30	23n47	5s38	3s22	22n40	0n 3	12n41	3s 5	24n50	1n 8	23n 1	0n 3	23s 8	1s 4	10s43	0s48	8n25	1n51	33n 9	10n39	13n20	12n52	12n36		n.a.

Julian Day Number = 1351941.5, Delta T = 07h06m32s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'27, Lahiri = -17°55'27 Julian Calendar 1 June 1012 BCE == Greg. Calendar 22 May 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

JULY 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 57 13	28♊ 4'15	7♈45	13♊58	12♉48	6♋ 9	15♊15	21°R19	4°R37	13♍11	17♋49	4♉50	3♉23	8♍10	n.a.	S 1
M 2	18 1 9	29° 1'45	21°38	15°49	13°50	6°47	15°29	21♉15	4♓36	13°12	17°51	4°51	3°20	8°17	n.a.	M 2
T 3	18 5 6	29°59'16	5♉20	17°44	14°52	7°25	15°42	21°11	4°35	13°13	17°53	4°R52	3°17	8°23	n.a.	T 3
W 4	18 9 2	0♋56'49	18°50	19°40	15°54	8° 4	15°55	21° 7	4°35	13°14	17°55	4°51	3°14	8°30	n.a.	W 4
T 5	18 12 59	1°54'24	2♊10	21°38	16°57	8°42	16° 8	21° 3	4°34	13°15	17°57	4°48	3°11	8°37	n.a.	T 5
F 6	18 16 55	2°52'00	15°18	23°38	18° 0	9°20	16°21	20°59	4°33	13°16	17°58	4°42	3° 8	8°43	n.a.	F 6
S 7	18 20 52	3°49'38	28°14	25°39	19° 3	9°58	16°34	20°54	4°33	13°17	18° 0	4°34	3° 4	8°50	n.a.	S 7
S 8	18 24 49	4°47'17	10♋58	27°40	20° 6	10°36	16°47	20°50	4°32	13°18	18° 2	4°24	3° 1	8°57	n.a.	S 8
M 9	18 28 45	5°44'58	23°29	29°43	21°10	11°15	17° 0	20°46	4°31	13°19	18° 4	4°13	2°58	9° 3	n.a.	M 9
T 10	18 32 42	6°42'40	5♌47	1♋45	22°14	11°53	17°13	20°41	4°30	13°20	18° 6	4° 2	2°55	9°10	n.a.	T 10
W11	18 36 38	7°40'23	17°54	3°47	23°18	12°31	17°26	20°37	4°29	13°21	18° 8	3°52	2°52	9°17	n.a.	W11
T 12	18 40 35	8°38'08	29°52	5°49	24°23	13° 9	17°39	20°33	4°28	13°23	18°10	3°44	2°49	9°24	n.a.	T 12
F 13	18 44 31	9°35'53	11♍44	7°50	25°27	13°48	17°52	20°28	4°27	13°24	18°12	3°38	2°45	9°30	n.a.	F 13
S 14	18 48 28	10°33'41	23°34	9°51	26°32	14°26	18° 5	20°24	4°26	13°25	18°14	3°34	2°42	9°37	n.a.	S 14
S 15	18 52 24	11°31'29	5♎26	11°51	27°37	15° 4	18°17	20°19	4°25	13°26	18°16	3°33	2°39	9°44	n.a.	S 15
M16	18 56 21	12°29'19	17°25	13°50	28°42	15°42	18°30	20°15	4°23	13°28	18°18	3°D33	2°36	9°50	n.a.	M16
T 17	19 0 18	13°27'10	29°38	15°48	29°48	16°21	18°43	20°10	4°22	13°29	18°20	3°R33	2°33	9°57	n.a.	T 17
W18	19 4 14	14°25'03	12♏ 8	17°44	0♊54	16°59	18°56	20° 6	4°21	13°30	18°22	3°33	2°29	10° 4	n.a.	W18
T 19	19 8 11	15°22'57	25° 1	19°40	2° 0	17°37	19° 8	20° 1	4°19	13°32	18°24	3°31	2°26	10°10	n.a.	T 19
F 20	19 12 7	16°20'53	8♐20	21°34	3° 6	18°16	19°21	19°57	4°18	13°33	18°26	3°27	2°23	10°17	n.a.	F 20
S 21	19 16 4	17°18'50	22° 5	23°27	4°12	18°54	19°33	19°52	4°17	13°34	18°28	3°20	2°20	10°24	n.a.	S 21
S 22	19 20 0	18°16'49	6♑16	25°19	5°19	19°32	19°46	19°47	4°15	13°36	18°30	3°11	2°17	10°30	n.a.	S 22
M23	19 23 57	19°14'49	20°49	27°10	6°25	20°11	19°58	19°43	4°14	13°37	18°32	3° 1	2°14	10°37	n.a.	M23
T 24	19 27 53	20°12'52	5♒35	28°59	7°32	20°49	20°11	19°38	4°12	13°39	18°34	2°50	2°10	10°44	n.a.	T 24
W25	19 31 50	21°10'56	20°28	0♌47	8°39	21°27	20°23	19°34	4°11	13°40	18°36	2°40	2° 7	10°51	n.a.	W25
T 26	19 35 47	22° 9'02	5♓18	2°34	9°47	22° 6	20°35	19°29	4° 9	13°42	18°38	2°31	2° 4	10°57	n.a.	T 26
F 27	19 39 43	23° 7'10	19°58	4°20	10°54	22°44	20°48	19°24	4° 8	13°43	18°40	2°26	2° 1	11° 4	n.a.	F 27
S 28	19 43 40	24° 5'20	4♈23	6° 4	12° 2	23°23	21° 0	19°20	4° 6	13°45	18°42	2°23	1°58	11°11	n.a.	S 28
S 29	19 47 36	25° 3'32	18°29	7°47	13° 9	24° 1	21°12	19°15	4° 4	13°47	18°44	2°22	1°55	11°17	n.a.	S 29
M30	19 51 33	26° 1'47	2♉17	9°29	14°17	24°40	21°24	19°11	4° 2	13°48	18°46	2°22	1°51	11°24	n.a.	M30
T 31	19 55 29	27♋ 0'04	15♉47	11♌10	15♊26	25♋18	21♊36	19♑ 6	4♓ 1	13♍50	18♋48	2♉21	1♉48	11♍31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	0n59	2s20	23n 5	0n15	13n 1	3s 3	24n48	1n 8	23n 3	0n 4	23s 9	1s 4	10s43	0s48	8n25	1n51	33n 9	10n39	13n20	12n50	12n33			n.a.
M 2	23 49	7 29	1 10	23 29	0 27	13 22	3 1	24 46	1 8	23 4	0 4	23 10	1 4	10 43	0 48	8 24	1 51	33 9	10 39	13 21	12 49	12 30			n.a.
T 3	23 49	13 33	0n 3	23 51	0 37	13 42	2 59	24 44	1 8	23 6	0 4	23 10	1 4	10 43	0 48	8 24	1 51	33 8	10 39	13 21	12 48	12 27			n.a.
W 4	23 49	18 53	1 14	24 12	0 47	14 2	2 57	24 42	1 8	23 7	0 4	23 11	1 4	10 44	0 48	8 24	1 51	33 8	10 39	13 20	12 47	12 24			n.a.
T 5	23 48	23 13	2 21	24 29	0 56	14 22	2 55	24 40	1 8	23 9	0 4	23 12	1 4	10 44	0 48	8 23	1 51	33 8	10 39	13 19	12 46	12 21			n.a.
F 6	23 47	26 17	3 18	24 45	1 5	14 42	2 53	24 37	1 8	23 10	0 4	23 13	1 4	10 44	0 48	8 23	1 51	33 8	10 39	13 17	12 45	12 18			n.a.
S 7	23 46	27 53	4 5	24 57	1 13	15 2	2 50	24 35	1 9	23 12	0 4	23 13	1 4	10 45	0 48	8 22	1 51	33 7	10 39	13 15	12 44	12 15			n.a.
S 8	23 44	27 59	4 38	25 7	1 20	15 21	2 48	24 32	1 9	23 13	0 4	23 14	1 5	10 45	0 48	8 22	1 51	33 7	10 39	13 11	12 43	12 12			n.a.
M 9	23 41	26 38	4 58	25 15	1 26	15 40	2 46	24 29	1 9	23 15	0 4	23 15	1 5	10 45	0 48	8 21	1 51	33 7	10 39	13 8	12 42	12 9			n.a.
T 10	23 39	24 0	5 3	25 19	1 31	15 59	2 43	24 25	1 9	23 16	0 5	23 16	1 5	10 46	0 48	8 21	1 51	33 6	10 39	13 4	12 41	12 6			n.a.
W11	23 35	20 22	4 54	25 21	1 36	16 18	2 40	24 22	1 9	23 17	0 5	23 17	1 5	10 46	0 49	8 20	1 51	33 6	10 39	13 0	12 39	12 2			n.a.
T 12	23 32	15 56	4 33	25 21	1 40	16 37	2 38	24 18	1 9	23 19	0 5	23 17	1 5	10 47	0 49	8 20	1 51	33 6	10 39	12 57	12 38	11 59			n.a.
F 13	23 28	10 57	3 59	25 17	1 43	16 55	2 35	24 14	1 9	23 20	0 5	23 18	1 5	10 47	0 49	8 19	1 51	33 6	10 39	12 55	12 37	11 56			n.a.
S 14	23 23	5 35	3 16	25 11	1 45	17 13	2 32	24 10	1 9	23 21	0 5	23 19	1 5	10 47	0 49	8 19	1 51	33 5	10 39	12 54	12 36	11 53			n.a.
S 15	23 19	0 0	2 24	25 3	1 47	17 31	2 29	24 6	1 9	23 23	0 5	23 20	1 5	10 48	0 49	8 18	1 51	33 5	10 39	12 54	12 35	11 50			n.a.
M16	23 13	5s39	1 25	24 52	1 48	17 49	2 26	24 1	1 9	23 24	0 5	23 21	1 6	10 48	0 49	8 18	1 50	33 5	10 39	12 54	12 34	11 47			n.a.
T 17	23 8	11 12	0 21	24 39	1 48	18 6	2 23	23 57	1 9	23 25	0 5	23 21	1 6	10 49	0 49	8 17	1 50	33 5	10 39	12 54	12 33	11 44			n.a.
W18	23 1	16 26	0s45	24 24	1 48	18 23	2 20	23 52	1 9	23 26	0 5	23 22	1 6	10 49	0 49	8 17	1 50	33 4	10 39	12 54	12 32	11 41			n.a.
T 19	22 55	21 7	1 51	24 7	1 47	18 39	2 17	23 47	1 10	23 27	0 6	23 23	1 6	10 50	0 49	8 16	1 50	33 4	10 39	12 53	12 31	11 38			n.a.
F 20	22 48	24 53	2 53	23 47	1 45	18 55	2 14	23 42	1 10	23 29	0 6	23 24	1 6	10 50	0 49	8 16	1 50	33 4	10 39	12 52	12 29	11 35			n.a.
S 21	22 41	27 21	3 47	23 26	1 43	19 11	2 10	23 37	1 10	23 30	0 6	23 25	1 6	10 51	0 49	8 15	1 50	33 4	10 39	12 49	12 28	11 32			n.a.
S 22	22 33	28 8	4 29	23 4	1 41	19 26	2 7	23 31	1 10	23 31	0 6	23 25	1 6	10 52	0 49	8 14	1 50	33 3	10 39	12 46	12 27	11 29			n.a.
M23	22 25	27 1	4 54	22 39	1 38	19 41	2 4	23 25	1 10	23 32	0 6	23 26	1 6	10 52	0 49	8 14	1 50	33 3	10 39	12 43	12 26	11 25			n.a.
T 24	22 16	24 1	5 0	22 14	1 35	19 56	2 0	23 20	1 10	23 33	0 6	23 27	1 6	10 53	0 49	8 13	1 50	33 3	10 39	12 39	12 25	11 22			n.a.
W25	22 7	19 25	4 47	21 47	1 31	20 10	1 57	23 14	1 10	23 34	0 6	23 28	1 6	10 53	0 49	8 13	1 50	33 3	10 39	12 35	12 24	11 19			n.a.
T 26	21 58	13 38	4 14	21 18	1 27	20 24	1 54	23 7	1 10	23 35	0 6	23 28	1 6	10 54	0 49	8 12	1 50	33 3	10 39	12 32	12 23	11 16			n.a.
F 27	21 48	7 9	3 24	20 49	1 22	20 37	1 50	23 1	1 10	23 36	0 6	23 29	1 7	10 55	0 49	8 11	1 50	33 2	10 40	12 30	12 22	11 13			n.a.
S 28	21 38	0 24	2 22	20 18	1 18	20 50	1 46	22 54	1 10	23 37	0 7	23 30	1 7	10 55	0 49	8 11	1 50	33 2	10 40	12 29	12 21	11 10			n.a.
S 29	21 27	6n14	1 13	19 47	1 13	21 2	1 43	22 48	1 10	23 38	0 7	23 31	1 7	10 56	0 49	8 10	1 50	33 2	10 40	12 29	12 19	11 7			n.a.
M30	21 17	12 27	0 0	19 14	1 7	21 14	1 39	22 41	1 10	23 39	0 7	23 31	1 7	10 57	0 49	8 9	1 50	33 2	10 40	12 29	12 18	11 4			n.a.
T 31	21n 5	17n57	1n10	18n41	1n 1	21n25	1s36	22n34	1n10	23n40	0n 7	23s32	1s 7	10s57	0s49	8n 9	1n50	33n 2	10n40	12n29	12n17	11n 1			n.a.

Julian Day Number = 1351971.5, Delta T = 07h06m31s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'23, Lahiri = -17°55'23 Julian Calendar 1 July 1012 BCE == Greg. Calendar 21 June 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

AUGUST 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 59 26	27♋58'23	29♉ 2	12♌49	16♊34	25♋57	21♊48	19°R 2	3°R59	13♍51	18♋49	2°R19	1♉45	11♍37	n.a.	W 1
T 2	20 3 22	28°56'45	12♊ 2	14°28	17°42	26°35	22° 0	18♏57	3♓57	13°53	18°51	2♉15	1°42	11°44	n.a.	T 2
F 3	20 7 19	29°55'08	24°51	16° 5	18°51	27°14	22°12	18°53	3°55	13°55	18°53	2° 8	1°39	11°51	n.a.	F 3
S 4	20 11 16	0♌53'34	7♋28	17°41	20° 0	27°52	22°24	18°48	3°53	13°57	18°55	1°58	1°35	11°58	n.a.	S 4
S 5	20 15 12	1°52'02	19°55	19°16	21° 9	28°31	22°35	18°44	3°51	13°58	18°57	1°45	1°32	12° 4	n.a.	S 5
M 6	20 19 9	2°50'32	2♌13	20°50	22°18	29°10	22°47	18°40	3°49	14° 0	18°59	1°31	1°29	12°11	n.a.	M 6
T 7	20 23 5	3°49'04	14°21	22°22	23°27	29°48	22°59	18°35	3°47	14° 2	19° 1	1°17	1°26	12°18	n.a.	T 7
W 8	20 27 2	4°47'38	26°22	23°54	24°36	0♌27	23°10	18°31	3°45	14° 4	19° 3	1° 4	1°23	12°24	n.a.	W 8
T 9	20 30 58	5°46'13	8♍16	25°24	25°46	1° 6	23°22	18°27	3°43	14° 6	19° 5	0°53	1°20	12°31	n.a.	T 9
F 10	20 34 55	6°44'51	20° 5	26°54	26°55	1°44	23°33	18°22	3°41	14° 7	19° 7	0°45	1°16	12°38	n.a.	F 10
S 11	20 38 51	7°43'31	1♎52	28°22	28° 5	2°23	23°44	18°18	3°39	14° 9	19° 9	0°39	1°13	12°44	n.a.	S 11
S 12	20 42 48	8°42'12	13°43	29°49	29°15	3° 2	23°55	18°14	3°37	14°11	19°11	0°36	1°10	12°51	n.a.	S 12
M13	20 46 45	9°40'55	25°40	1♍15	0♋25	3°40	24° 7	18°10	3°35	14°13	19°13	0°35	1° 7	12°58	n.a.	M13
T 14	20 50 41	10°39'41	7♏49	2°39	1°35	4°19	24°18	18° 6	3°33	14°15	19°14	0°35	1° 4	13° 4	n.a.	T 14
W15	20 54 38	11°38'28	20°16	4° 3	2°45	4°58	24°29	18° 2	3°30	14°17	19°16	0°35	1° 1	13°11	n.a.	W15
T 16	20 58 34	12°37'17	3♐ 6	5°25	3°55	5°37	24°39	17°58	3°28	14°19	19°18	0°34	0°57	13°18	n.a.	T 16
F 17	21 2 31	13°36'07	16°22	6°46	5° 6	6°15	24°50	17°54	3°26	14°21	19°20	0°30	0°54	13°24	n.a.	F 17
S 18	21 6 27	14°35'00	0♑ 8	8° 6	6°17	6°54	25° 1	17°50	3°24	14°23	19°22	0°24	0°51	13°31	n.a.	S 18
S 19	21 10 24	15°33'55	14°24	9°25	7°27	7°33	25°12	17°46	3°21	14°25	19°24	0°15	0°48	13°38	n.a.	S 19
M20	21 14 20	16°32'52	29° 6	10°42	8°38	8°12	25°22	17°43	3°19	14°27	19°25	0° 5	0°45	13°45	n.a.	M20
T 21	21 18 17	17°31'50	14♒ 7	11°57	9°49	8°51	25°33	17°39	3°17	14°29	19°27	29♈55	0°41	13°51	n.a.	T 21
W22	21 22 13	18°30'51	29°19	13°11	11° 0	9°30	25°43	17°35	3°15	14°31	19°29	29°45	0°38	13°58	n.a.	W22
T 23	21 26 10	19°29'54	14♓30	14°23	12°11	10° 9	25°53	17°32	3°12	14°33	19°31	29°36	0°35	14° 5	n.a.	T 23
F 24	21 30 7	20°28'59	29°30	15°34	13°23	10°47	26° 3	17°28	3°10	14°35	19°33	29°31	0°32	14°11	n.a.	F 24
S 25	21 34 3	21°28'07	14♈11	16°43	14°34	11°26	26°14	17°25	3° 8	14°37	19°34	29°28	0°29	14°18	n.a.	S 25
S 26	21 38 0	22°27'17	28°30	17°49	15°46	12° 5	26°24	17°21	3° 5	14°39	19°36	29°D27	0°26	14°25	n.a.	S 26
M27	21 41 56	23°26'30	12♉25	18°54	16°57	12°44	26°33	17°18	3° 3	14°42	19°38	29°27	0°22	14°31	n.a.	M27
T 28	21 45 53	24°25'45	25°55	19°56	18° 9	13°23	26°43	17°15	3° 0	14°44	19°39	29°R28	0°19	14°38	n.a.	T 28
W29	21 49 49	25°25'02	9♊ 5	20°56	19°21	14° 2	26°53	17°12	2°58	14°46	19°41	29°27	0°16	14°45	n.a.	W29
T 30	21 53 46	26°24'22	21°56	21°53	20°33	14°41	27° 2	17° 9	2°56	14°48	19°43	29°24	0°13	14°51	n.a.	T 30
F 31	21 57 42	27♌23'45	4♋32	22♍48	21♋45	15♌21	27♊12	17♑ 6	2♓53	14♍50	19♋44	29♈18	0♉10	14♍58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
W 1	20n54	22n28	2n16	18n 7	0n55	21n36	1s32	22n26	1n10	23n41	0n 7	23s33	1s 7	10s58	0s49	8n 8	1n50	33n 1	10n40	12n28	12n16	10n57			n.a.
T 2	20 42	25 47	3 13	17 32	0 49	21 46	1 28	22 19	1 10	23 41	0 7	23 34	1 7	10 59	0 49	8 7	1 50	33 1	10 40	12 27	12 15	10 54			n.a.
F 3	20 29	27 42	3 59	16 57	0 43	21 56	1 25	22 11	1 10	23 42	0 7	23 34	1 7	10 59	0 49	8 6	1 50	33 1	10 40	12 24	12 14	10 51			n.a.
S 4	20 17	28 9	4 33	16 21	0 36	22 5	1 21	22 4	1 10	23 43	0 7	23 35	1 7	11 0	0 49	8 6	1 50	33 1	10 41	12 21	12 13	10 48			n.a.
S 5	20 3	27 9	4 53	15 45	0 29	22 14	1 17	21 56	1 10	23 44	0 8	23 36	1 7	11 1	0 49	8 5	1 50	33 1	10 41	12 16	12 12	10 45			n.a.
M 6	19 50	24 50	4 59	15 8	0 22	22 22	1 14	21 48	1 10	23 45	0 8	23 36	1 7	11 2	0 49	8 4	1 50	33 1	10 41	12 11	12 11	10 42			n.a.
T 7	19 36	21 25	4 52	14 31	0 15	22 29	1 10	21 39	1 10	23 45	0 8	23 37	1 7	11 2	0 49	8 4	1 50	33 0	10 41	12 6	12 9	10 39			n.a.
W 8	19 22	17 10	4 31	13 53	0 8	22 36	1 6	21 31	1 10	23 46	0 8	23 38	1 7	11 3	0 49	8 3	1 50	33 0	10 41	12 2	12 8	10 35			n.a.
T 9	19 8	12 17	3 59	13 16	0 1	22 43	1 2	21 22	1 10	23 47	0 8	23 38	1 7	11 4	0 49	8 2	1 50	33 0	10 41	11 58	12 7	10 32			n.a.
F 10	18 53	7 0	3 17	12 38	0s 7	22 48	0 59	21 14	1 10	23 48	0 8	23 39	1 7	11 5	0 49	8 1	1 50	33 0	10 41	11 55	12 6	10 29			n.a.
S 11	18 38	1 28	2 26	12 0	0 15	22 53	0 55	21 5	1 10	23 48	0 8	23 40	1 7	11 5	0 49	8 1	1 49	33 0	10 42	11 53	12 5	10 26			n.a.
S 12	18 22	4s 9	1 28	11 22	0 22	22 58	0 51	20 56	1 10	23 49	0 8	23 40	1 8	11 6	0 49	8 0	1 49	33 0	10 42	11 52	12 4	10 23			n.a.
M13	18 6	9 40	0 26	10 44	0 30	23 2	0 48	20 46	1 10	23 50	0 9	23 41	1 8	11 7	0 49	7 59	1 49	33 0	10 42	11 52	12 3	10 20			n.a.
T 14	17 50	14 56	0s38	10 6	0 38	23 5	0 44	20 37	1 10	23 50	0 9	23 41	1 8	11 8	0 49	7 58	1 49	33 0	10 42	11 52	12 2	10 17			n.a.
W15	17 34	19 44	1 42	9 28	0 46	23 7	0 40	20 28	1 10	23 51	0 9	23 42	1 8	11 9	0 49	7 57	1 49	32 59	10 42	11 51	12 0	10 13			n.a.
T 16	17 17	23 46	2 43	8 50	0 54	23 9	0 36	20 18	1 10	23 51	0 9	23 43	1 8	11 9	0 49	7 57	1 49	32 59	10 42	11 51	11 59	10 10			n.a.
F 17	17 0	26 43	3 37	8 12	1 2	23 10	0 33	20 8	1 10	23 52	0 9	23 43	1 8	11 10	0 49	7 56	1 49	32 59	10 43	11 50	11 58	10 7			n.a.
S 18	16 43	28 10	4 21	7 35	1 10	23 11	0 29	19 58	1 10	23 53	0 9	23 44	1 8	11 11	0 49	7 55	1 49	32 59	10 43	11 47	11 57	10 4			n.a.
S 19	16 25	27 50	4 50	6 58	1 18	23 11	0 25	19 48	1 10	23 53	0 9	23 44	1 8	11 12	0 49	7 54	1 49	32 59	10 43	11 44	11 56	10 1			n.a.
M20	16 7	25 34	5 2	6 21	1 26	23 10	0 22	19 38	1 10	23 54	0 9	23 45	1 8	11 13	0 49	7 53	1 49	32 59	10 43	11 41	11 55	9 57			n.a.
T 21	15 49	21 30	4 52	5 45	1 34	23 9	0 18	19 27	1 10	23 54	0 10	23 45	1 8	11 14	0 49	7 53	1 49	32 59	10 44	11 37	11 54	9 54			n.a.
W22	15 31	15 59	4 23	5 9	1 42	23 7	0 15	19 17	1 10	23 55	0 10	23 46	1 8	11 15	0 49	7 52	1 49	32 59	10 44	11 33	11 53	9 51			n.a.
T 23	15 12	9 29	3 35	4 33	1 50	23 4	0 11	19 6	1 10	23 55	0 10	23 46	1 8	11 15	0 50	7 51	1 49	32 59	10 44	11 30	11 51	9 48			n.a.
F 24	14 53	2 31	2 32	3 59	1 57	23 0	0 8	18 55	1 10	23 55	0 10	23 47	1 8	11 16	0 50	7 50	1 49	32 59	10 44	11 28	11 50	9 45			n.a.
S 25	14 34	4n27	1 20	3 25	2 5	22 56	0 4	18 44	1 10	23 56	0 10	23 47	1 8	11 17	0 50	7 49	1 49	32 59	10 44	11 27	11 49	9 42			n.a.
S 26	14 15	11 2	0 5	2 51	2 13	22 51	0 1	18 33	1 10	23 56	0 10	23 48	1 8	11 18	0 50	7 48	1 49	32 59	10 45	11 27	11 48	9 38			n.a.
M27	13 55	16 53	1n 8	2 19	2 20	22 46	0n 3	18 22	1 10	23 57	0 10	23 48	1 8	11 19	0 50	7 48	1 49	32 59	10 45	11 27	11 47	9 35			n.a.
T 28	13 35	21 44	2 16	1 48	2 27	22 40	0 6	18 11	1 10	23 57	0 11	23 48	1 8	11 20	0 50	7 47	1 49	32 59	10 45	11 27	11 46	9 32			n.a.
W29	13 15	25 22	3 15	1 18	2 34	22 33	0 9	17 59	1 10	23 57	0 11	23 49	1 8	11 21	0 50	7 46	1 49	32 59	10 45	11 27	11 45	9 29			n.a.
T 30	12 55	27 35	4 2	0 49	2 41	22 26	0 13	17 48	1 10	23 58	0 11	23 49	1 8	11 22	0 50	7 45	1 49	32 59	10 46	11 26	11 44	9 26			n.a.
F 31	12n34	28n20	4n36	0n21	2s47	22n17	0n16	17n36	1n10	23n58	0n11	23s50	1s 8	11s22	0s50	7n44	1n49	32n59	10n46	11n24	11n42	9n22			n.a.

Julian Day Number = 1352002.5, Delta T = 07h06m29s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'19, Lahiri = -17°55'18 Julian Calendar 1 Aug. 1012 BCE == Greg. Calendar 22 July 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

SEPTEMBER 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 1 39	28♌23'10	16♋55	23♍39	22♋57	16♌ 0	27♊21	17°R 3	2°R51	14♍52	19♋46	29°R10	0♉ 7	15♍ 5	n.a.	S 1
S 2	22 5 36	29°22'37	29° 9	24°26	24° 9	16°39	27°30	17♂ 0	2♓48	14°54	19°48	29♈ 0	0° 3	15°11	n.a.	S 2
M 3	22 9 32	0♍22'07	11♌15	25°10	25°21	17°18	27°40	16°58	2°46	14°57	19°49	28°49	0° 0	15°18	n.a.	M 3
T 4	22 13 29	1°21'39	23°14	25°49	26°34	17°57	27°49	16°55	2°43	14°59	19°51	28°37	29♈57	15°25	n.a.	T 4
W 5	22 17 25	2°21'12	5♍ 8	26°24	27°46	18°36	27°58	16°52	2°41	15° 1	19°52	28°27	29°54	15°32	n.a.	W 5
T 6	22 21 22	3°20'49	16°58	26°54	28°59	19°16	28° 6	16°50	2°39	15° 3	19°54	28°18	29°51	15°38	n.a.	T 6
F 7	22 25 18	4°20'27	28°46	27°19	0♌12	19°55	28°15	16°48	2°36	15° 5	19°56	28°11	29°47	15°45	n.a.	F 7
S 8	22 29 15	5°20'07	10♎35	27°37	1°25	20°34	28°23	16°45	2°34	15° 8	19°57	28° 7	29°44	15°52	n.a.	S 8
S 9	22 33 11	6°19'49	22°26	27°49	2°37	21°13	28°32	16°43	2°31	15°10	19°59	28°D 5	29°41	15°58	n.a.	S 9
M10	22 37 8	7°19'33	4♏25	27°R54	3°50	21°53	28°40	16°41	2°29	15°12	20° 0	28° 5	29°38	16° 5	n.a.	M10
T 11	22 41 4	8°19'19	16°34	27°52	5° 3	22°32	28°48	16°39	2°26	15°14	20° 1	28° 6	29°35	16°12	n.a.	T 11
W12	22 45 1	9°19'07	28°59	27°41	6°16	23°11	28°56	16°37	2°24	15°17	20° 3	28° 7	29°32	16°18	n.a.	W12
T 13	22 48 58	10°18'57	11♐44	27°22	7°30	23°51	29° 4	16°36	2°22	15°19	20° 4	28°R 8	29°28	16°25	n.a.	T 13
F 14	22 52 54	11°18'49	24°54	26°54	8°43	24°30	29°12	16°34	2°19	15°21	20° 6	28° 7	29°25	16°32	n.a.	F 14
S 15	22 56 51	12°18'42	8♑32	26°18	9°56	25°10	29°20	16°32	2°17	15°23	20° 7	28° 4	29°22	16°38	n.a.	S 15
S 16	23 0 47	13°18'38	22°39	25°32	11° 9	25°49	29°27	16°31	2°14	15°25	20° 8	27°59	29°19	16°45	n.a.	S 16
M17	23 4 44	14°18'35	7♒15	24°38	12°23	26°28	29°34	16°29	2°12	15°28	20°10	27°53	29°16	16°52	n.a.	M17
T 18	23 8 40	15°18'34	22°13	23°37	13°36	27° 8	29°42	16°28	2°10	15°30	20°11	27°46	29°12	16°58	n.a.	T 18
W19	23 12 37	16°18'34	7♓27	22°29	14°50	27°47	29°49	16°27	2° 7	15°32	20°12	27°40	29° 9	17° 5	n.a.	W19
T 20	23 16 33	17°18'37	22°45	21°16	16° 4	28°27	29°56	16°26	2° 5	15°34	20°13	27°35	29° 6	17°12	n.a.	T 20
F 21	23 20 30	18°18'41	7♈58	20° 0	17°17	29° 7	0♋ 2	16°25	2° 3	15°37	20°15	27°31	29° 3	17°18	n.a.	F 21
S 22	23 24 27	19°18'48	22°54	18°43	18°31	29°46	0° 9	16°24	2° 0	15°39	20°16	27°D30	29° 0	17°25	n.a.	S 22
S 23	23 28 23	20°18'57	7♉28	17°27	19°45	0♍26	0°15	16°23	1°58	15°41	20°17	27°30	28°57	17°32	n.a.	S 23
M24	23 32 20	21°19'08	21°36	16°15	20°59	1° 5	0°22	16°22	1°56	15°43	20°18	27°32	28°53	17°38	n.a.	M24
T 25	23 36 16	22°19'22	5♊16	15° 9	22°13	1°45	0°28	16°22	1°54	15°46	20°19	27°33	28°50	17°45	n.a.	T 25
W26	23 40 13	23°19'38	18°30	14°12	23°27	2°25	0°34	16°21	1°51	15°48	20°20	27°R34	28°47	17°52	n.a.	W26
T 27	23 44 9	24°19'56	1♋22	13°24	24°41	3° 4	0°40	16°21	1°49	15°50	20°21	27°34	28°44	17°59	n.a.	T 27
F 28	23 48 6	25°20'16	13°55	12°46	25°55	3°44	0°46	16°21	1°47	15°52	20°22	27°32	28°41	18° 5	n.a.	F 28
S 29	23 52 2	26°20'38	26°12	12°20	27°10	4°24	0°51	16°21	1°45	15°55	20°23	27°29	28°38	18°12	n.a.	S 29
S 30	23 55 59	27♍21'02	8♌18	12♍ 6	28♌24	5♍ 4	0♋56	16°D20	1♓43	15♍57	20♋24	27♈25	28♈34	18♍19	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n13	27n38	4n57	0s 5	2s53	22n 9	0n19	17n24	1n10	23n59	0n11	23s50	1s 8	11s23	0s50	7n43	1n49	32n59	10n46	11n21	11n41	9n19		n.a.
S 2	11 52	25 36	5 4	0 29	2 59	21 59	0 22	17 12	1 9	23 59	0 11	23 50	1 8	11 24	0 50	7 42	1 49	32 59	10 46	11 17	11 40	9 16		n.a.
M 3	11 31	22 25	4 57	0 51	3 4	21 49	0 25	17 0	1 9	23 59	0 11	23 51	1 8	11 25	0 50	7 42	1 49	32 59	10 47	11 13	11 39	9 13		n.a.
T 4	11 10	18 20	4 37	1 12	3 9	21 38	0 28	16 47	1 9	23 59	0 12	23 51	1 8	11 26	0 50	7 41	1 49	32 59	10 47	11 9	11 38	9 9		n.a.
W 5	10 48	13 34	4 5	1 30	3 13	21 27	0 31	16 35	1 9	24 0	0 12	23 51	1 8	11 27	0 50	7 40	1 49	32 59	10 47	11 5	11 37	9 6		n.a.
T 6	10 26	8 19	3 22	1 45	3 16	21 15	0 34	16 22	1 9	24 0	0 12	23 52	1 8	11 28	0 50	7 39	1 49	32 59	10 48	11 2	11 36	9 3		n.a.
F 7	10 4	2 48	2 31	1 57	3 19	21 2	0 37	16 10	1 9	24 0	0 12	23 52	1 8	11 29	0 50	7 38	1 49	32 59	10 48	11 0	11 34	9 0		n.a.
S 8	9 42	2s50	1 33	2 6	3 21	20 49	0 40	15 57	1 9	24 1	0 12	23 52	1 8	11 30	0 50	7 37	1 49	32 59	10 48	10 58	11 33	8 57		n.a.
S 9	9 20	8 24	0 30	2 12	3 22	20 35	0 43	15 44	1 9	24 1	0 12	23 53	1 8	11 30	0 50	7 36	1 49	32 59	10 48	10 57	11 32	8 53		n.a.
M10	8 57	13 44	0s34	2 14	3 22	20 20	0 46	15 31	1 9	24 1	0 12	23 53	1 8	11 31	0 50	7 35	1 49	32 59	10 49	10 57	11 31	8 50		n.a.
T 11	8 35	18 37	1 38	2 12	3 20	20 5	0 48	15 18	1 9	24 1	0 13	23 53	1 8	11 32	0 50	7 35	1 49	32 59	10 49	10 58	11 30	8 47		n.a.
W12	8 12	22 50	2 39	2 5	3 18	19 49	0 51	15 5	1 9	24 2	0 13	23 53	1 8	11 33	0 50	7 34	1 49	32 59	10 49	10 58	11 29	8 44		n.a.
T 13	7 49	26 5	3 34	1 53	3 13	19 33	0 53	14 51	1 9	24 2	0 13	23 53	1 8	11 34	0 50	7 33	1 49	32 59	10 50	10 58	11 28	8 40		n.a.
F 14	7 26	28 2	4 19	1 37	3 8	19 16	0 56	14 38	1 8	24 2	0 13	23 54	1 8	11 35	0 50	7 32	1 49	32 59	10 50	10 58	11 26	8 37		n.a.
S 15	7 3	28 23	4 51	1 15	3 0	18 58	0 58	14 25	1 8	24 2	0 13	23 54	1 8	11 36	0 50	7 31	1 49	32 59	10 50	10 57	11 25	8 34		n.a.
S 16	6 40	26 56	5 8	0 48	2 50	18 40	1 1	14 11	1 8	24 2	0 13	23 54	1 8	11 37	0 49	7 30	1 49	32 59	10 51	10 55	11 24	8 31		n.a.
M17	6 16	23 39	5 5	0 16	2 39	18 22	1 3	13 57	1 8	24 3	0 13	23 54	1 8	11 37	0 49	7 29	1 49	33 0	10 51	10 53	11 23	8 27		n.a.
T 18	5 53	18 45	4 42	0n21	2 26	18 3	1 5	13 43	1 8	24 3	0 14	23 54	1 8	11 38	0 49	7 28	1 49	33 0	10 51	10 51	11 22	8 24		n.a.
W19	5 29	12 35	3 58	1 2	2 10	17 43	1 7	13 29	1 8	24 3	0 14	23 54	1 8	11 39	0 49	7 28	1 49	33 0	10 52	10 48	11 21	8 21		n.a.
T 20	5 5	5 38	2 57	1 47	1 53	17 23	1 9	13 15	1 8	24 3	0 14	23 55	1 8	11 40	0 49	7 27	1 49	33 0	10 52	10 47	11 20	8 18		n.a.
F 21	4 42	1n37	1 44	2 34	1 35	17 2	1 11	13 1	1 8	24 3	0 14	23 55	1 8	11 41	0 49	7 26	1 49	33 0	10 52	10 45	11 18	8 14		n.a.
S 22	4 18	8 39	0 25	3 23	1 15	16 41	1 13	12 47	1 7	24 3	0 14	23 55	1 8	11 42	0 49	7 25	1 49	33 0	10 53	10 45	11 17	8 11		n.a.
S 23	3 54	15 4	0n54	4 11	0 55	16 19	1 15	12 33	1 7	24 3	0 14	23 55	1 8	11 42	0 49	7 24	1 49	33 0	10 53	10 45	11 16	8 8		n.a.
M24	3 30	20 30	2 8	4 59	0 34	15 57	1 17	12 18	1 7	24 4	0 15	23 55	1 8	11 43	0 49	7 23	1 49	33 0	10 53	10 45	11 15	8 5		n.a.
T 25	3 6	24 39	3 11	5 43	0 14	15 34	1 19	12 4	1 7	24 4	0 15	23 55	1 8	11 44	0 49	7 22	1 49	33 1	10 54	10 46	11 14	8 1		n.a.
W26	2 41	27 21	4 3	6 24	0n 6	15 11	1 20	11 49	1 7	24 4	0 15	23 55	1 8	11 45	0 49	7 21	1 49	33 1	10 54	10 46	11 13	7 58		n.a.
T 27	2 17	28 29	4 41	7 1	0 25	14 47	1 22	11 34	1 7	24 4	0 15	23 55	1 8	11 46	0 49	7 21	1 49	33 1	10 54	10 46	11 12	7 55		n.a.
F 28	1 53	28 7	5 4	7 32	0 43	14 23	1 24	11 20	1 7	24 4	0 15	23 55	1 8	11 46	0 49	7 20	1 49	33 1	10 55	10 46	11 10	7 52		n.a.
S 29	1 29	26 21	5 12	7 57	0 59	13 59	1 25	11 5	1 6	24 4	0 15	23 55	1 7	11 47	0 49	7 19	1 49	33 1	10 55	10 45	11 9	7 48		n.a.
S 30	1n 4	23n24	5n 7	8n16	1n14	13n34	1n26	10n50	1n 6	24n 4	0n16	23s55	1s 7	11s48	0s49	7n18	1n49	33n 2	10n56	10n43	11n 8	7n45		n.a.

Julian Day Number = 1352033.5, Delta T = 07h06m27s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'15, Lahiri = -17°55'14 Julian Calendar 1 Sept. 1012 BCE == Greg. Calendar 22 Aug. 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

OCTOBER 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 59 55	28♍21'28	20♌16	12°D 3	29♌38	5♍44	1♋ 2	16♑21	1°R41	15♍59	20♋25	27°R20	28♈31	18♍25	n.a.	M 1
T 2	0 3 52	29°21'57	2♍ 8	12♍12	0♍53	6°23	1° 7	16°21	1♓39	16° 1	20°26	27♈14	28°28	18°32	n.a.	T 2
W 3	0 7 49	0♎22'27	13°58	12°31	2° 7	7° 3	1°12	16°21	1°36	16° 3	20°27	27° 9	28°25	18°39	n.a.	W 3
T 4	0 11 45	1°22'58	25°47	12°59	3°22	7°43	1°16	16°21	1°34	16° 6	20°28	27° 5	28°22	18°45	n.a.	T 4
F 5	0 15 42	2°23'32	7♎38	13°37	4°36	8°23	1°21	16°22	1°32	16° 8	20°29	27° 3	28°18	18°52	n.a.	F 5
S 6	0 19 38	3°24'07	19°31	14°22	5°51	9° 3	1°25	16°22	1°30	16°10	20°30	27° 1	28°15	18°59	n.a.	S 6
S 7	0 23 35	4°24'44	1♏30	15°15	7° 5	9°43	1°29	16°23	1°29	16°12	20°31	27°D 1	28°12	19° 5	n.a.	S 7
M 8	0 27 31	5°25'23	13°37	16°13	8°20	10°23	1°33	16°24	1°27	16°14	20°31	27° 2	28° 9	19°12	n.a.	M 8
T 9	0 31 28	6°26'03	25°54	17°18	9°35	11° 3	1°37	16°25	1°25	16°16	20°32	27° 3	28° 6	19°19	n.a.	T 9
W10	0 35 24	7°26'44	8♐24	18°26	10°49	11°43	1°41	16°26	1°23	16°19	20°33	27° 5	28° 3	19°25	n.a.	W10
T 11	0 39 21	8°27'27	21°11	19°39	12° 4	12°23	1°44	16°27	1°21	16°21	20°33	27° 6	27°59	19°32	n.a.	T 11
F 12	0 43 18	9°28'11	4♑18	20°56	13°19	13° 3	1°48	16°28	1°19	16°23	20°34	27°R 7	27°56	19°39	n.a.	F 12
S 13	0 47 14	10°28'56	17°47	22°15	14°34	13°43	1°51	16°29	1°18	16°25	20°35	27° 7	27°53	19°45	n.a.	S 13
S 14	0 51 11	11°29'43	1♒41	23°37	15°49	14°23	1°54	16°31	1°16	16°27	20°35	27° 6	27°50	19°52	n.a.	S 14
M15	0 55 7	12°30'31	16° 0	25° 1	17° 4	15° 4	1°56	16°32	1°14	16°29	20°36	27° 5	27°47	19°59	n.a.	M15
T 16	0 59 4	13°31'19	0♓40	26°26	18°19	15°44	1°59	16°34	1°13	16°31	20°36	27° 3	27°44	20° 5	n.a.	T 16
W17	1 3 0	14°32'09	15°38	27°54	19°34	16°24	2° 1	16°36	1°11	16°33	20°37	27° 1	27°40	20°12	n.a.	W17
T 18	1 6 57	15°33'00	0♈44	29°22	20°49	17° 4	2° 3	16°38	1° 9	16°35	20°37	27° 0	27°37	20°19	n.a.	T 18
F 19	1 10 53	16°33'52	15°51	0♎51	22° 4	17°45	2° 5	16°40	1° 8	16°37	20°38	26°59	27°34	20°25	n.a.	F 19
S 20	1 14 50	17°34'46	0♉50	2°22	23°19	18°25	2° 7	16°42	1° 7	16°39	20°38	26°D59	27°31	20°32	n.a.	S 20
S 21	1 18 47	18°35'41	15°30	3°53	24°34	19° 5	2° 9	16°44	1° 5	16°41	20°38	26°59	27°28	20°39	n.a.	S 21
M22	1 22 43	19°36'37	29°48	5°24	25°49	19°45	2°10	16°46	1° 4	16°43	20°39	27° 0	27°24	20°45	n.a.	M22
T 23	1 26 40	20°37'35	13♊40	6°56	27° 4	20°26	2°11	16°48	1° 2	16°45	20°39	27° 1	27°21	20°52	n.a.	T 23
W24	1 30 36	21°38'35	27° 4	8°28	28°19	21° 6	2°12	16°51	1° 1	16°47	20°39	27° 1	27°18	20°59	n.a.	W24
T 25	1 34 33	22°39'35	10♋ 3	10° 1	29°34	21°47	2°13	16°53	1° 0	16°49	20°40	27° 2	27°15	21° 5	n.a.	T 25
F 26	1 38 29	23°40'38	22°39	11°34	0♎50	22°27	2°14	16°56	0°59	16°51	20°40	27°R 2	27°12	21°12	n.a.	F 26
S 27	1 42 26	24°41'41	4♌57	13° 7	2° 5	23° 8	2°14	16°59	0°57	16°53	20°40	27° 2	27° 9	21°19	n.a.	S 27
S 28	1 46 22	25°42'46	17° 1	14°40	3°20	23°48	2°15	17° 2	0°56	16°55	20°40	27° 2	27° 5	21°25	n.a.	S 28
M29	1 50 19	26°43'52	28°56	16°13	4°35	24°29	2°R15	17° 5	0°55	16°56	20°40	27°D 2	27° 2	21°32	n.a.	M29
T 30	1 54 16	27°44'59	10♍46	17°46	5°51	25° 9	2°14	17° 8	0°54	16°58	20°40	27° 2	26°59	21°39	n.a.	T 30
W31	1 58 12	28♎46'07	22♍34	19♎20	7♎ 6	25♍50	2♋14	17♑11	0♓53	17♍ 0	20♋41	27♈ 2	26♈56	21♍45	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
M 1	0n40	19n30	4n48	8n29	1n27	13n 9	1n28	10n35	1n 6	24n 5	0n16	23s55	1s 7	11s49	0s49	7n17	1n49	33n 2	10n56	10n41	11n 7	7n42			n.a.
T 2	0 15	14 52	4 17	8 36	1 38	12 43	1 29	10 20	1 6	24 5	0 16	23 55	1 7	11 49	0 49	7 16	1 49	33 2	10 56	10 39	11 6	7 38			n.a.
W 3	0s 9	9 42	3 35	8 38	1 48	12 17	1 30	10 4	1 6	24 5	0 16	23 55	1 7	11 50	0 49	7 15	1 49	33 2	10 57	10 37	11 5	7 35			n.a.
T 4	0 34	4 11	2 43	8 34	1 56	11 51	1 31	9 49	1 6	24 5	0 16	23 55	1 7	11 51	0 49	7 15	1 49	33 2	10 57	10 36	11 4	7 32			n.a.
F 5	0 58	1s28	1 45	8 25	2 2	11 24	1 32	9 34	1 5	24 5	0 16	23 55	1 7	11 52	0 49	7 14	1 49	33 3	10 57	10 35	11 2	7 29			n.a.
S 6	1 22	7 7	0 41	8 12	2 8	10 57	1 33	9 18	1 5	24 5	0 17	23 55	1 7	11 52	0 49	7 13	1 49	33 3	10 58	10 34	11 1	7 25			n.a.
S 7	1 47	12 34	0s25	7 55	2 11	10 29	1 34	9 3	1 5	24 5	0 17	23 54	1 7	11 53	0 49	7 12	1 49	33 3	10 58	10 34	11 0	7 22			n.a.
M 8	2 11	17 37	1 30	7 34	2 14	10 2	1 34	8 47	1 5	24 6	0 17	23 54	1 7	11 54	0 49	7 11	1 49	33 3	10 59	10 35	10 59	7 19			n.a.
T 9	2 36	22 0	2 33	7 10	2 15	9 34	1 35	8 32	1 5	24 6	0 17	23 54	1 7	11 54	0 49	7 10	1 49	33 4	10 59	10 35	10 58	7 15			n.a.
W10	3 0	25 30	3 29	6 43	2 16	9 6	1 36	8 16	1 4	24 6	0 17	23 54	1 7	11 55	0 49	7 10	1 49	33 4	10 59	10 36	10 57	7 12			n.a.
T 11	3 24	27 47	4 16	6 13	2 15	8 37	1 36	8 0	1 4	24 6	0 18	23 54	1 7	11 56	0 49	7 9	1 49	33 4	11 0	10 36	10 56	7 9			n.a.
F 12	3 49	28 36	4 52	5 42	2 14	8 8	1 37	7 45	1 4	24 6	0 18	23 54	1 7	11 56	0 49	7 8	1 49	33 5	11 0	10 36	10 54	7 5			n.a.
S 13	4 13	27 46	5 12	5 8	2 12	7 39	1 37	7 29	1 4	24 6	0 18	23 53	1 7	11 57	0 49	7 7	1 49	33 5	11 1	10 36	10 53	7 2			n.a.
S 14	4 37	25 13	5 15	4 33	2 9	7 10	1 37	7 13	1 4	24 6	0 18	23 53	1 7	11 57	0 49	7 6	1 49	33 5	11 1	10 36	10 52	6 59			n.a.
M15	5 1	21 3	4 59	3 56	2 6	6 41	1 37	6 57	1 3	24 6	0 18	23 53	1 7	11 58	0 49	7 6	1 49	33 5	11 1	10 36	10 51	6 56			n.a.
T 16	5 25	15 30	4 24	3 18	2 2	6 11	1 38	6 41	1 3	24 7	0 18	23 53	1 7	11 58	0 49	7 5	1 50	33 6	11 2	10 35	10 50	6 52			n.a.
W17	5 49	8 58	3 30	2 39	1 58	5 41	1 38	6 25	1 3	24 7	0 19	23 52	1 7	11 59	0 49	7 4	1 50	33 6	11 2	10 34	10 49	6 49			n.a.
T 18	6 13	1 51	2 21	1 59	1 53	5 11	1 38	6 9	1 3	24 7	0 19	23 52	1 7	12 0	0 49	7 3	1 50	33 6	11 3	10 34	10 47	6 46			n.a.
F 19	6 37	5n24	1 1	1 18	1 48	4 41	1 37	5 52	1 2	24 7	0 19	23 52	1 7	12 0	0 49	7 2	1 50	33 7	11 3	10 34	10 46	6 42			n.a.
S 20	7 0	12 16	0n21	0 37	1 43	4 11	1 37	5 36	1 2	24 7	0 19	23 52	1 7	12 1	0 49	7 2	1 50	33 7	11 3	10 34	10 45	6 39			n.a.
S 21	7 24	18 21	1 41	0s 5	1 38	3 40	1 37	5 20	1 2	24 7	0 19	23 51	1 7	12 1	0 49	7 1	1 50	33 7	11 4	10 34	10 44	6 36			n.a.
M22	7 47	23 14	2 52	0 47	1 32	3 10	1 37	5 4	1 2	24 8	0 20	23 51	1 7	12 2	0 49	7 0	1 50	33 8	11 4	10 34	10 43	6 32			n.a.
T 23	8 11	26 37	3 51	1 29	1 26	2 39	1 36	4 47	1 1	24 8	0 20	23 51	1 7	12 2	0 49	6 59	1 50	33 8	11 5	10 34	10 42	6 29			n.a.
W24	8 34	28 22	4 35	2 12	1 20	2 8	1 36	4 31	1 1	24 8	0 20	23 50	1 7	12 2	0 49	6 59	1 50	33 8	11 5	10 34	10 40	6 26			n.a.
T 25	8 57	28 29	5 4	2 54	1 13	1 38	1 35	4 14	1 1	24 8	0 20	23 50	1 7	12 3	0 49	6 58	1 50	33 9	11 5	10 34	10 39	6 22			n.a.
F 26	9 20	27 5	5 17	3 37	1 7	1 7	1 35	3 58	1 1	24 8	0 20	23 50	1 7	12 3	0 49	6 57	1 50	33 9	11 6	10 35	10 38	6 19			n.a.
S 27	9 43	24 24	5 15	4 20	1 0	0 36	1 34	3 41	1 0	24 8	0 21	23 49	1 6	12 4	0 49	6 57	1 50	33 9	11 6	10 35	10 37	6 16			n.a.
S 28	10 5	20 43	4 59	5 2	0 54	0 5	1 33	3 25	1 0	24 9	0 21	23 49	1 6	12 4	0 48	6 56	1 50	33 10	11 7	10 34	10 36	6 12			n.a.
M29	10 28	16 14	4 30	5 45	0 47	0s26	1 32	3 8	1 0	24 9	0 21	23 48	1 6	12 4	0 48	6 55	1 50	33 10	11 7	10 34	10 35	6 9			n.a.
T 30	10 50	11 11	3 50	6 27	0 41	0 58	1 32	2 52	0 59	24 9	0 21	23 48	1 6	12 5	0 48	6 55	1 50	33 11	11 7	10 34	10 33	6 6			n.a.
W31	11s12	5n45	3n 0	7s10	0n34	1s29	1n31	2n35	0n59	24n 9	0n21	23s47	1s 6	12s 5	0s48	6n54	1n50	33n11	11n 8	10n35	10n32	6n 2			n.a.

Julian Day Number = 1352063.5, Delta T = 07h06m26s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'11, Lahiri = -17°55'10 Julian Calendar 1 Oct. 1012 BCE == Greg. Calendar 21 Sept. 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

NOVEMBER 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 9	29♎47'16	4♎24	20♎53	8♎21	26♍30	2°R13	17♑14	0°R52	17♍ 2	20♋41	27♈ 2	26♈53	21♍52	n.a.	T 1
F 2	2 6 5	0♏48'26	16°20	22°27	9°37	27°11	2♋13	17°17	0♓51	17° 3	20°R41	27° 2	26°49	21°59	n.a.	F 2
S 3	2 10 2	1°49'37	28°22	24° 1	10°52	27°52	2°12	17°21	0°50	17° 5	20°41	27°R 2	26°46	22° 5	n.a.	S 3
S 4	2 13 58	2°50'49	10♏33	25°34	12° 7	28°32	2°11	17°24	0°50	17° 7	20°41	27° 2	26°43	22°12	n.a.	S 4
M 5	2 17 55	3°52'02	22°55	27° 8	13°23	29°13	2° 9	17°28	0°49	17° 9	20°40	27° 2	26°40	22°19	n.a.	M 5
T 6	2 21 51	4°53'15	5♐28	28°42	14°38	29°54	2° 8	17°31	0°48	17°10	20°40	27° 1	26°37	22°26	n.a.	T 6
W 7	2 25 48	5°54'29	18°14	0♏16	15°53	0♎35	2° 6	17°35	0°48	17°12	20°40	27° 0	26°34	22°32	n.a.	W 7
T 8	2 29 45	6°55'43	1♑13	1°49	17° 9	1°15	2° 4	17°39	0°47	17°14	20°40	26°58	26°30	22°39	n.a.	T 8
F 9	2 33 41	7°56'58	14°28	3°24	18°24	1°56	2° 2	17°43	0°46	17°15	20°40	26°57	26°27	22°46	n.a.	F 9
S 10	2 37 38	8°58'13	27°59	4°58	19°40	2°37	1°59	17°47	0°46	17°17	20°40	26°56	26°24	22°52	n.a.	S 10
S 11	2 41 34	9°59'28	11♒46	6°32	20°55	3°18	1°57	17°51	0°46	17°18	20°39	26°D56	26°21	22°59	n.a.	S 11
M12	2 45 31	11° 0'43	25°49	8° 6	22°10	3°59	1°54	17°55	0°45	17°20	20°39	26°56	26°18	23° 6	n.a.	M12
T 13	2 49 27	12° 1'58	10♓ 8	9°41	23°26	4°40	1°51	18° 0	0°45	17°21	20°39	26°57	26°15	23°12	n.a.	T 13
W14	2 53 24	13° 3'13	24°40	11°15	24°41	5°21	1°48	18° 4	0°44	17°23	20°38	26°59	26°11	23°19	n.a.	W14
T 15	2 57 21	14° 4'29	9♈21	12°50	25°57	6° 2	1°45	18° 9	0°44	17°24	20°38	27° 0	26° 8	23°26	n.a.	T 15
F 16	3 1 17	15° 5'44	24° 5	14°25	27°12	6°43	1°41	18°13	0°44	17°26	20°37	27°R 0	26° 5	23°32	n.a.	F 16
S 17	3 5 14	16° 7'00	8♉47	16° 1	28°27	7°24	1°38	18°18	0°44	17°27	20°37	27° 0	26° 2	23°39	n.a.	S 17
S 18	3 9 10	17° 8'16	23°18	17°36	29°43	8° 5	1°34	18°22	0°44	17°28	20°36	26°59	25°59	23°46	n.a.	S 18
M19	3 13 7	18° 9'32	7♊33	19°12	0♏58	8°46	1°30	18°27	0°D44	17°30	20°36	26°56	25°55	23°52	n.a.	M19
T 20	3 17 3	19°10'48	21°26	20°48	2°14	9°27	1°26	18°32	0°44	17°31	20°35	26°53	25°52	23°59	n.a.	T 20
W21	3 21 0	20°12'05	4♋56	22°24	3°29	10° 8	1°21	18°37	0°44	17°32	20°35	26°49	25°49	24° 6	n.a.	W21
T 22	3 24 56	21°13'22	18° 1	24° 1	4°44	10°49	1°17	18°42	0°44	17°33	20°34	26°46	25°46	24°12	n.a.	T 22
F 23	3 28 53	22°14'39	0♌43	25°38	6° 0	11°30	1°12	18°47	0°44	17°35	20°34	26°43	25°43	24°19	n.a.	F 23
S 24	3 32 50	23°15'57	13° 5	27°15	7°15	12°12	1° 7	18°52	0°44	17°36	20°33	26°41	25°40	24°26	n.a.	S 24
S 25	3 36 46	24°17'14	25°12	28°52	8°31	12°53	1° 2	18°58	0°45	17°37	20°32	26°D41	25°36	24°32	n.a.	S 25
M26	3 40 43	25°18'32	7♍ 7	0♐30	9°46	13°34	0°57	19° 3	0°45	17°38	20°32	26°41	25°33	24°39	n.a.	M26
T 27	3 44 39	26°19'50	18°56	2° 8	11° 2	14°15	0°51	19° 8	0°45	17°39	20°31	26°43	25°30	24°46	n.a.	T 27
W28	3 48 36	27°21'08	0♎45	3°46	12°17	14°57	0°46	19°14	0°46	17°40	20°30	26°45	25°27	24°52	n.a.	W28
T 29	3 52 32	28°22'25	12°37	5°25	13°32	15°38	0°40	19°19	0°46	17°41	20°29	26°47	25°24	24°59	n.a.	T 29
F 30	3 56 29	29♏23'43	24♎37	7♐ 4	14♏48	16♎19	0♋34	19♑25	0♓47	17♍42	20♋29	26°R47	25♈21	25♍ 6	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s34	0n 5	2n 2	7s52	0n27	2s 0	1n30	2n18	0n59	24n 9	0n22	23s47	1s 6	12s 5	0s48	6n53	1n50	33n11	11n 8	10n35	10n31	5n59		n.a.
F 2	11 56	5s37	0 59	8 33	0 20	2 31	1 29	2 2	0 59	24 10	0 22	23 47	1 6	12 6	0 48	6 53	1 50	33 12	11 9	10 35	10 30	5 56		n.a.
S 3	12 18	11 11	0s 7	9 15	0 14	3 2	1 27	1 45	0 58	24 10	0 22	23 46	1 6	12 6	0 48	6 52	1 50	33 12	11 9	10 35	10 29	5 52		n.a.
S 4	12 39	16 24	1 14	9 56	0 7	3 33	1 26	1 28	0 58	24 10	0 22	23 46	1 6	12 6	0 48	6 51	1 50	33 13	11 9	10 35	10 28	5 49		n.a.
M 5	13 0	21 2	2 19	10 36	0 0	4 4	1 25	1 12	0 58	24 10	0 22	23 45	1 6	12 6	0 48	6 51	1 50	33 13	11 10	10 34	10 27	5 46		n.a.
T 6	13 21	24 47	3 17	11 17	0s 6	4 34	1 24	0 55	0 57	24 11	0 23	23 45	1 6	12 7	0 48	6 50	1 50	33 13	11 10	10 34	10 25	5 42		n.a.
W 7	13 42	27 24	4 7	11 56	0 13	5 5	1 22	0 38	0 57	24 11	0 23	23 44	1 6	12 7	0 48	6 49	1 50	33 14	11 11	10 34	10 24	5 39		n.a.
T 8	14 3	28 34	4 46	12 36	0 19	5 36	1 21	0 21	0 57	24 11	0 23	23 43	1 6	12 7	0 48	6 49	1 51	33 14	11 11	10 33	10 23	5 36		n.a.
F 9	14 23	28 8	5 9	13 15	0 26	6 6	1 19	0 5	0 56	24 11	0 23	23 43	1 6	12 7	0 48	6 48	1 51	33 15	11 11	10 33	10 22	5 32		n.a.
S 10	14 43	26 4	5 17	13 53	0 32	6 37	1 18	0s12	0 56	24 11	0 23	23 42	1 6	12 7	0 48	6 48	1 51	33 15	11 12	10 32	10 21	5 29		n.a.
S 11	15 3	22 25	5 6	14 31	0 38	7 7	1 16	0 29	0 56	24 12	0 24	23 42	1 6	12 7	0 48	6 47	1 51	33 16	11 12	10 32	10 19	5 25		n.a.
M12	15 22	17 27	4 38	15 8	0 44	7 37	1 15	0 46	0 55	24 12	0 24	23 41	1 6	12 7	0 48	6 47	1 51	33 16	11 13	10 33	10 18	5 22		n.a.
T 13	15 41	11 27	3 51	15 44	0 50	8 7	1 13	1 3	0 55	24 12	0 24	23 41	1 6	12 8	0 48	6 46	1 51	33 16	11 13	10 33	10 17	5 19		n.a.
W14	16 0	4 44	2 50	16 20	0 56	8 37	1 11	1 19	0 55	24 12	0 24	23 40	1 6	12 8	0 48	6 46	1 51	33 17	11 13	10 33	10 16	5 15		n.a.
T 15	16 19	2n18	1 36	16 55	1 2	9 6	1 9	1 36	0 54	24 13	0 24	23 39	1 6	12 8	0 48	6 45	1 51	33 17	11 14	10 34	10 15	5 12		n.a.
F 16	16 37	9 14	0 16	17 29	1 7	9 35	1 8	1 53	0 54	24 13	0 25	23 39	1 6	12 8	0 48	6 45	1 51	33 18	11 14	10 34	10 14	5 9		n.a.
S 17	16 55	15 40	1n 5	18 3	1 13	10 4	1 6	2 10	0 53	24 13	0 25	23 38	1 6	12 8	0 48	6 44	1 51	33 18	11 15	10 34	10 12	5 5		n.a.
S 18	17 13	21 9	2 20	18 36	1 18	10 33	1 4	2 27	0 53	24 13	0 25	23 37	1 6	12 8	0 48	6 44	1 51	33 19	11 15	10 33	10 11	5 2		n.a.
M19	17 31	25 17	3 25	19 8	1 23	11 2	1 2	2 43	0 53	24 14	0 25	23 37	1 6	12 8	0 48	6 43	1 51	33 19	11 15	10 32	10 10	4 59		n.a.
T 20	17 48	27 48	4 17	19 39	1 28	11 30	1 0	3 0	0 52	24 14	0 25	23 36	1 6	12 8	0 48	6 43	1 51	33 20	11 16	10 31	10 9	4 55		n.a.
W21	18 4	28 35	4 52	20 9	1 32	11 58	0 58	3 17	0 52	24 14	0 26	23 35	1 6	12 8	0 48	6 42	1 51	33 20	11 16	10 30	10 8	4 52		n.a.
T 22	18 21	27 43	5 11	20 38	1 37	12 26	0 56	3 34	0 51	24 14	0 26	23 34	1 6	12 7	0 47	6 42	1 51	33 20	11 16	10 29	10 7	4 48		n.a.
F 23	18 37	25 25	5 14	21 6	1 41	12 53	0 54	3 50	0 51	24 15	0 26	23 34	1 6	12 7	0 47	6 41	1 51	33 21	11 17	10 28	10 5	4 45		n.a.
S 24	18 53	21 58	5 2	21 33	1 45	13 20	0 51	4 7	0 51	24 15	0 26	23 33	1 6	12 7	0 47	6 41	1 51	33 21	11 17	10 27	10 4	4 42		n.a.
S 25	19 8	17 39	4 36	21 59	1 48	13 47	0 49	4 24	0 50	24 15	0 26	23 32	1 6	12 7	0 47	6 40	1 51	33 22	11 18	10 27	10 3	4 38		n.a.
M26	19 24	12 44	4 0	22 24	1 52	14 14	0 47	4 40	0 50	24 15	0 27	23 31	1 6	12 7	0 47	6 40	1 52	33 22	11 18	10 27	10 2	4 35		n.a.
T 27	19 38	7 23	3 13	22 47	1 55	14 40	0 45	4 57	0 49	24 16	0 27	23 31	1 6	12 7	0 47	6 40	1 52	33 23	11 18	10 28	10 1	4 32		n.a.
W28	19 53	1 48	2 18	23 9	1 57	15 5	0 43	5 14	0 49	24 16	0 27	23 30	1 6	12 7	0 47	6 39	1 52	33 23	11 19	10 28	10 0	4 28		n.a.
T 29	20 7	3s53	1 17	23 30	2 0	15 31	0 40	5 30	0 48	24 16	0 27	23 29	1 6	12 6	0 47	6 39	1 52	33 24	11 19	10 29	9 58	4 25		n.a.
F 30	20s20	9s30	0n12	23s50	2s 2	15s56	0n38	5s47	0n48	24n16	0n27	23s28	1s 6	12s 6	0s47	6n39	1n52	33n24	11n19	10n29	9n57	4n21		n.a.

Julian Day Number = 1352094.5, Delta T = 07h06m24s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'06, Lahiri = -17°55'06 Julian Calendar 1 Nov. 1012 BCE == Greg. Calendar 22 Oct. 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1012 BCE
geocentric

DECEMBER 1012 BCE (-1011) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 0 26	0♐25'01	6♏48	8♐43	16♏ 3	17♎ 1	0°R28	19♑30	0♓47	17♍43	20°R28	26°R47	25♈17	25♍12	n.a.	S 1
S 2	4 4 22	1°26'18	19°12	10°22	17°19	17°42	0♋22	19°36	0°48	17°44	20♋27	26♈45	25°14	25°19	n.a.	S 2
M 3	4 8 19	2°27'35	1♐52	12° 2	18°34	18°24	0°16	19°42	0°49	17°45	20°26	26°41	25°11	25°26	n.a.	M 3
T 4	4 12 15	3°28'52	14°46	13°41	19°49	19° 5	0°10	19°48	0°49	17°46	20°25	26°35	25° 8	25°32	n.a.	T 4
W 5	4 16 12	4°30'08	27°56	15°21	21° 5	19°46	0° 3	19°54	0°50	17°47	20°24	26°28	25° 5	25°39	n.a.	W 5
T 6	4 20 8	5°31'24	11♑19	17° 1	22°20	20°28	29♊56	19°59	0°51	17°48	20°23	26°22	25° 1	25°46	n.a.	T 6
F 7	4 24 5	6°32'39	24°54	18°40	23°36	21° 9	29°50	20° 6	0°52	17°48	20°22	26°15	24°58	25°52	n.a.	F 7
S 8	4 28 1	7°33'53	8♒39	20°19	24°51	21°51	29°43	20°12	0°53	17°49	20°21	26°10	24°55	25°59	n.a.	S 8
S 9	4 31 58	8°35'06	22°33	21°58	26° 6	22°33	29°36	20°18	0°54	17°50	20°20	26° 7	24°52	26° 6	n.a.	S 9
M10	4 35 55	9°36'18	6♓33	23°36	27°22	23°14	29°29	20°24	0°55	17°50	20°19	26°D 6	24°49	26°12	n.a.	M10
T 11	4 39 51	10°37'29	20°40	25°13	28°37	23°56	29°22	20°30	0°56	17°51	20°18	26° 6	24°46	26°19	n.a.	T 11
W12	4 43 48	11°38'39	4♈51	26°49	29°52	24°37	29°14	20°36	0°57	17°52	20°17	26° 7	24°42	26°26	n.a.	W12
T 13	4 47 44	12°39'48	19° 6	28°24	1♐ 8	25°19	29° 7	20°43	0°58	17°52	20°16	26°R 8	24°39	26°32	n.a.	T 13
F 14	4 51 41	13°40'56	3♉21	29°57	2°23	26° 1	29° 0	20°49	1° 0	17°53	20°15	26° 8	24°36	26°39	n.a.	F 14
S 15	4 55 37	14°42'03	17°35	1♑28	3°38	26°42	28°52	20°56	1° 1	17°53	20°14	26° 6	24°33	26°46	n.a.	S 15
S 16	4 59 34	15°43'08	1♊42	2°56	4°53	27°24	28°44	21° 2	1° 2	17°54	20°12	26° 2	24°30	26°52	n.a.	S 16
M17	5 3 31	16°44'13	15°38	4°21	6° 9	28° 6	28°37	21° 9	1° 4	17°54	20°11	25°55	24°27	26°59	n.a.	M17
T 18	5 7 27	17°45'17	29°19	5°42	7°24	28°48	28°29	21°15	1° 5	17°55	20°10	25°47	24°23	27° 6	n.a.	T 18
W19	5 11 24	18°46'20	12♋42	6°59	8°39	29°30	28°21	21°22	1° 7	17°55	20° 9	25°37	24°20	27°12	n.a.	W19
T 20	5 15 20	19°47'22	25°45	8°11	9°54	0♏11	28°14	21°28	1° 8	17°55	20° 8	25°27	24°17	27°19	n.a.	T 20
F 21	5 19 17	20°48'23	8♌28	9°17	11°10	0°53	28° 6	21°35	1°10	17°56	20° 6	25°18	24°14	27°26	n.a.	F 21
S 22	5 23 13	21°49'23	20°52	10°16	12°25	1°35	27°58	21°42	1°11	17°56	20° 5	25°12	24°11	27°32	n.a.	S 22
S 23	5 27 10	22°50'22	3♍ 0	11° 8	13°40	2°17	27°50	21°49	1°13	17°56	20° 4	25° 7	24° 7	27°39	n.a.	S 23
M24	5 31 6	23°51'20	14°56	11°52	14°55	2°59	27°42	21°55	1°15	17°56	20° 2	25° 5	24° 4	27°45	n.a.	M24
T 25	5 35 3	24°52'17	26°46	12°26	16°10	3°41	27°34	22° 2	1°16	17°56	20° 1	25°D 4	24° 1	27°52	n.a.	T 25
W26	5 39 0	25°53'14	8♎34	12°51	17°26	4°23	27°26	22° 9	1°18	17°56	20° 0	25° 5	23°58	27°59	n.a.	W26
T 27	5 42 56	26°54'09	20°27	13° 5	18°41	5° 5	27°18	22°16	1°20	17°57	19°58	25°R 5	23°55	28° 5	n.a.	T 27
F 28	5 46 53	27°55'03	2♏29	13°R 9	19°56	5°47	27°10	22°23	1°22	17°57	19°57	25° 5	23°52	28°12	n.a.	F 28
S 29	5 50 49	28°55'56	14°45	13° 1	21°11	6°29	27° 2	22°30	1°24	17°R57	19°56	25° 3	23°48	28°19	n.a.	S 29
S 30	5 54 46	29°56'48	27°19	12°42	22°26	7°11	26°54	22°37	1°26	17°57	19°54	24°59	23°45	28°25	n.a.	S 30
M31	5 58 42	0♑57'39	10♐13	12♑13	23♐41	7♏53	26♊46	22♑44	1♓28	17♍57	19♋53	24♈52	23♈42	28♍32	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s34	14s51	0s54	24s 8	2s 3	16s20	0n36	6s 3	0n47	24n17	0n28	23s27	1s 6	12s 6	0s47	6n38	1n52	33n25	11n20	10n29	9n56	4n18		n.a.
S 2	20 46	19 43	1 59	24 24	2 4	16 44	0 33	6 20	0 47	24 17	0 28	23 27	1 6	12 6	0 47	6 38	1 52	33 25	11 20	10 28	9 55	4 15		n.a.
M 3	20 59	23 47	3 0	24 39	2 5	17 8	0 31	6 36	0 47	24 17	0 28	23 26	1 6	12 5	0 47	6 38	1 52	33 26	11 20	10 27	9 54	4 11		n.a.
T 4	21 11	26 46	3 52	24 52	2 5	17 31	0 29	6 53	0 46	24 17	0 28	23 25	1 6	12 5	0 47	6 37	1 52	33 26	11 21	10 25	9 52	4 8		n.a.
W 5	21 23	28 21	4 33	25 4	2 5	17 53	0 26	7 9	0 46	24 17	0 28	23 24	1 6	12 5	0 47	6 37	1 52	33 27	11 21	10 22	9 51	4 4		n.a.
T 6	21 34	28 18	4 59	25 14	2 4	18 16	0 24	7 25	0 45	24 18	0 28	23 23	1 6	12 4	0 47	6 37	1 52	33 27	11 21	10 20	9 50	4 1		n.a.
F 7	21 45	26 33	5 10	25 22	2 3	18 37	0 21	7 42	0 45	24 18	0 29	23 22	1 6	12 4	0 47	6 37	1 52	33 28	11 22	10 17	9 49	3 58		n.a.
S 8	21 55	23 14	5 2	25 28	2 1	18 58	0 19	7 58	0 44	24 18	0 29	23 21	1 6	12 4	0 47	6 36	1 52	33 28	11 22	10 16	9 48	3 54		n.a.
S 9	22 5	18 35	4 38	25 32	1 58	19 19	0 17	8 14	0 44	24 18	0 29	23 20	1 6	12 3	0 47	6 36	1 52	33 29	11 22	10 14	9 47	3 51		n.a.
M10	22 15	12 53	3 56	25 35	1 55	19 39	0 14	8 30	0 43	24 18	0 29	23 19	1 6	12 3	0 47	6 36	1 52	33 29	11 23	10 14	9 45	3 47		n.a.
T 11	22 24	6 30	3 0	25 35	1 51	19 59	0 12	8 46	0 42	24 18	0 29	23 18	1 6	12 2	0 47	6 36	1 53	33 29	11 23	10 14	9 44	3 44		n.a.
W12	22 32	0n14	1 53	25 33	1 46	20 17	0 9	9 2	0 42	24 18	0 30	23 17	1 6	12 2	0 47	6 36	1 53	33 30	11 23	10 14	9 43	3 41		n.a.
T 13	22 40	7 0	0 38	25 29	1 41	20 36	0 7	9 18	0 41	24 19	0 30	23 16	1 6	12 1	0 47	6 36	1 53	33 30	11 23	10 15	9 42	3 37		n.a.
F 14	22 48	13 26	0n39	25 24	1 35	20 54	0 4	9 34	0 41	24 19	0 30	23 15	1 6	12 1	0 47	6 35	1 53	33 31	11 24	10 15	9 41	3 34		n.a.
S 15	22 55	19 9	1 53	25 16	1 27	21 11	0 2	9 50	0 40	24 19	0 30	23 14	1 6	12 0	0 47	6 35	1 53	33 31	11 24	10 14	9 40	3 30		n.a.
S 16	23 2	23 45	2 59	25 6	1 19	21 27	0s 0	10 6	0 40	24 19	0 30	23 13	1 6	12 0	0 47	6 35	1 53	33 32	11 24	10 13	9 38	3 27		n.a.
M17	23 9	26 54	3 54	24 55	1 10	21 43	0 3	10 21	0 39	24 19	0 30	23 12	1 6	11 59	0 46	6 35	1 53	33 32	11 25	10 10	9 37	3 24		n.a.
T 18	23 15	28 23	4 34	24 42	1 0	21 59	0 5	10 37	0 39	24 19	0 31	23 11	1 6	11 59	0 46	6 35	1 53	33 33	11 25	10 7	9 36	3 20		n.a.
W19	23 20	28 9	4 58	24 27	0 49	22 13	0 8	10 53	0 38	24 19	0 31	23 10	1 6	11 58	0 46	6 35	1 53	33 33	11 25	10 3	9 35	3 17		n.a.
T 20	23 25	26 20	5 6	24 10	0 37	22 27	0 10	11 8	0 37	24 19	0 31	23 9	1 6	11 58	0 46	6 35	1 53	33 34	11 25	10 0	9 34	3 13		n.a.
F 21	23 30	23 13	4 58	23 53	0 24	22 40	0 12	11 23	0 37	24 19	0 31	23 8	1 6	11 57	0 46	6 35	1 53	33 34	11 26	9 56	9 32	3 10		n.a.
S 22	23 34	19 7	4 36	23 35	0 10	22 53	0 15	11 39	0 36	24 19	0 31	23 7	1 6	11 56	0 46	6 35	1 53	33 35	11 26	9 54	9 31	3 7		n.a.
S 23	23 37	14 19	4 2	23 15	0n 5	23 5	0 17	11 54	0 36	24 19	0 31	23 6	1 6	11 56	0 46	6 35	1 53	33 35	11 26	9 52	9 30	3 3		n.a.
M24	23 40	9 3	3 18	22 56	0 21	23 16	0 19	12 9	0 35	24 19	0 32	23 5	1 6	11 55	0 46	6 35	1 53	33 35	11 26	9 51	9 29	3 0		n.a.
T 25	23 43	3 32	2 26	22 36	0 38	23 27	0 22	12 24	0 34	24 19	0 32	23 4	1 6	11 55	0 46	6 35	1 54	33 36	11 27	9 51	9 28	2 56		n.a.
W26	23 45	2s 7	1 27	22 16	0 55	23 37	0 24	12 39	0 34	24 19	0 32	23 3	1 6	11 54	0 46	6 35	1 54	33 36	11 27	9 51	9 26	2 53		n.a.
T 27	23 47	7 44	0 25	21 57	1 13	23 46	0 26	12 54	0 33	24 19	0 32	23 2	1 6	11 53	0 46	6 35	1 54	33 37	11 27	9 52	9 25	2 50		n.a.
F 28	23 48	13 9	0s39	21 39	1 31	23 54	0 29	13 9	0 32	24 19	0 32	23 1	1 6	11 52	0 46	6 35	1 54	33 37	11 27	9 52	9 24	2 46		n.a.
S 29	23 49	18 9	1 43	21 21	1 49	24 2	0 31	13 24	0 32	24 19	0 32	22 59	1 6	11 52	0 46	6 35	1 54	33 38	11 27	9 51	9 23	2 43		n.a.
S 30	23 49	22 31	2 43	21 5	2 7	24 9	0 33	13 38	0 31	24 19	0 32	22 58	1 6	11 51	0 46	6 35	1 54	33 38	11 28	9 49	9 22	2 39		n.a.
M31	23s49	25s53	3s36	20s51	2n25	24s15	0s35	13s53	0n30	24n19	0n33	22s57	1s 6	11s50	0s46	6n35	1n54	33n38	11n28	9n46	9n21	2n36		n.a.

Julian Day Number = 1352124.5, Delta T = 07h06m23s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°02'02, Lahiri = -17°55'02 Julian Calendar 1 Dec. 1012 BCE == Greg. Calendar 21 Nov. 1012 BCE

The year -1011 astronomical counting style corresponds to year 1012 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

JANUARY 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 2 39	1♉58'28	23♐27	11°R33	24♐56	8♏35	26°R38	22♉51	1♓30	17°R57	19°R51	24°R42	23♈39	28♍39	n.a.	T 1
W 2	6 6 36	2°59'16	7♉ 1	10♉45	26°12	9°17	26♊30	22°58	1°32	17♍56	19♋50	24♈31	23°36	28°45	n.a.	W 2
T 3	6 10 32	4° 0'02	20°52	9°48	27°27	9°59	26°22	23° 5	1°34	17°56	19°49	24°19	23°33	28°52	n.a.	T 3
F 4	6 14 29	5° 0'47	4♒55	8°46	28°42	10°42	26°14	23°13	1°36	17°56	19°47	24° 7	23°29	28°59	n.a.	F 4
S 5	6 18 25	6° 1'30	19° 5	7°39	29°57	11°24	26° 6	23°20	1°39	17°56	19°46	23°58	23°26	29° 5	n.a.	S 5
S 6	6 22 22	7° 2'11	3♓18	6°29	1♉12	12° 6	25°59	23°27	1°41	17°56	19°44	23°51	23°23	29°12	n.a.	S 6
M 7	6 26 18	8° 2'51	17°31	5°19	2°27	12°48	25°51	23°34	1°43	17°55	19°43	23°48	23°20	29°19	n.a.	M 7
T 8	6 30 15	9° 3'28	1♈40	4°10	3°42	13°30	25°43	23°41	1°46	17°55	19°41	23°46	23°17	29°25	n.a.	T 8
W 9	6 34 11	10° 4'03	15°44	3° 4	4°57	14°13	25°36	23°49	1°48	17°55	19°40	23°46	23°13	29°32	n.a.	W 9
T 10	6 38 8	11° 4'36	29°44	2° 2	6°12	14°55	25°28	23°56	1°50	17°54	19°38	23°46	23°10	29°39	n.a.	T 10
F 11	6 42 5	12° 5'08	13♉37	1° 6	7°27	15°37	25°21	24° 3	1°53	17°54	19°37	23°45	23° 7	29°45	n.a.	F 11
S 12	6 46 1	13° 5'37	27°24	0°16	8°42	16°19	25°14	24°11	1°55	17°53	19°35	23°41	23° 4	29°52	n.a.	S 12
S 13	6 49 58	14° 6'05	11♊ 4	29♐33	9°57	17° 2	25° 6	24°18	1°58	17°53	19°34	23°35	23° 1	29°59	n.a.	S 13
M14	6 53 54	15° 6'30	24°35	28°58	11°12	17°44	24°59	24°25	2° 0	17°52	19°32	23°25	22°58	0♎ 5	n.a.	M14
T 15	6 57 51	16° 6'54	7♋54	28°30	12°27	18°27	24°52	24°33	2° 3	17°52	19°31	23°13	22°54	0°12	n.a.	T 15
W16	7 1 47	17° 7'16	20°59	28°10	13°42	19° 9	24°45	24°40	2° 5	17°51	19°29	23° 0	22°51	0°19	n.a.	W16
T 17	7 5 44	18° 7'35	3♌49	27°57	14°56	19°51	24°38	24°47	2° 8	17°51	19°28	22°46	22°48	0°25	n.a.	T 17
F 18	7 9 40	19° 7'53	16°24	27°D51	16°11	20°34	24°32	24°55	2°11	17°50	19°26	22°34	22°45	0°32	n.a.	F 18
S 19	7 13 37	20° 8'10	28°43	27°52	17°26	21°16	24°25	25° 2	2°13	17°49	19°25	22°23	22°42	0°39	n.a.	S 19
S 20	7 17 34	21° 8'24	10♍49	27°59	18°41	21°59	24°19	25°10	2°16	17°49	19°23	22°15	22°39	0°45	n.a.	S 20
M21	7 21 30	22° 8'37	22°45	28°13	19°56	22°41	24°12	25°17	2°19	17°48	19°22	22°10	22°35	0°52	n.a.	M21
T 22	7 25 27	23° 8'47	4♎34	28°32	21°11	23°24	24° 6	25°24	2°22	17°47	19°20	22° 8	22°32	0°59	n.a.	T 22
W23	7 29 23	24° 8'57	16°22	28°57	22°26	24° 6	24° 0	25°32	2°25	17°46	19°19	22° 7	22°29	1° 5	n.a.	W23
T 24	7 33 20	25° 9'04	28°14	29°27	23°40	24°49	23°54	25°39	2°27	17°46	19°17	22° 7	22°26	1°12	n.a.	T 24
F 25	7 37 16	26° 9'10	10♏16	0♉ 1	24°55	25°31	23°48	25°47	2°30	17°45	19°16	22° 6	22°23	1°19	n.a.	F 25
S 26	7 41 13	27° 9'14	22°32	0°39	26°10	26°14	23°43	25°54	2°33	17°44	19°14	22° 4	22°19	1°25	n.a.	S 26
S 27	7 45 9	28° 9'16	5♑ 9	1°22	27°25	26°56	23°37	26° 1	2°36	17°43	19°13	22° 0	22°16	1°32	n.a.	S 27
M28	7 49 6	29° 9'17	18° 8	2° 8	28°39	27°39	23°32	26° 9	2°39	17°42	19°11	21°53	22°13	1°39	n.a.	M28
T 29	7 53 3	0♒ 9'16	1♉34	2°58	29°54	28°21	23°26	26°16	2°42	17°41	19°10	21°43	22°10	1°45	n.a.	T 29
W30	7 56 59	1° 9'13	15°24	3°51	1♒ 9	29° 4	23°21	26°24	2°45	17°40	19° 8	21°32	22° 7	1°52	n.a.	W30
T 31	8 0 56	2♒ 9'07	29♉36	4♉47	2♒24	29♏47	23♊17	26♉31	2♓48	17♍39	19♋ 7	21♈20	22♈ 4	1♎59	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23s48	27s58	4s19	20s38	2n41	24s20	0s37	14s 7	0n30	24n19	0n33	22s56	1s 6	11s49	0s46	6n35	1n54	33n39	11n28	9n43	9n19	2n32			n.a.
W 2	23 47	28 25	4 48	20 27	2 56	24 25	0 39	14 22	0 29	24 19	0 33	22 55	1 6	11 49	0 46	6 35	1 54	33 39	11 28	9 39	9 18	2 29			n.a.
T 3	23 45	27 8	5 1	20 17	3 10	24 29	0 42	14 36	0 28	24 19	0 33	22 54	1 6	11 48	0 46	6 35	1 54	33 40	11 28	9 34	9 17	2 26			n.a.
F 4	23 43	24 8	4 57	20 10	3 22	24 32	0 44	14 50	0 28	24 19	0 33	22 52	1 6	11 47	0 46	6 35	1 54	33 40	11 28	9 30	9 16	2 22			n.a.
S 5	23 41	19 40	4 34	20 4	3 32	24 35	0 46	15 4	0 27	24 19	0 33	22 51	1 6	11 46	0 46	6 36	1 54	33 41	11 29	9 27	9 15	2 19			n.a.
S 6	23 38	14 4	3 54	20 0	3 40	24 36	0 48	15 18	0 26	24 19	0 33	22 50	1 6	11 45	0 46	6 36	1 54	33 41	11 29	9 24	9 13	2 15			n.a.
M 7	23 34	7 45	3 0	19 58	3 45	24 37	0 49	15 31	0 25	24 19	0 33	22 49	1 6	11 44	0 46	6 36	1 54	33 41	11 29	9 23	9 12	2 12			n.a.
T 8	23 30	1 4	1 54	19 57	3 48	24 37	0 51	15 45	0 25	24 18	0 34	22 47	1 6	11 44	0 46	6 36	1 54	33 42	11 29	9 22	9 11	2 8			n.a.
W 9	23 26	5n38	0 42	19 59	3 48	24 37	0 53	15 58	0 24	24 18	0 34	22 46	1 6	11 43	0 46	6 36	1 55	33 42	11 29	9 22	9 10	2 5			n.a.
T 10	23 21	12 3	0n32	20 1	3 47	24 35	0 55	16 12	0 23	24 18	0 34	22 45	1 6	11 42	0 46	6 36	1 55	33 42	11 29	9 22	9 9	2 2			n.a.
F 11	23 15	17 49	1 43	20 5	3 43	24 33	0 57	16 25	0 22	24 18	0 34	22 44	1 6	11 41	0 46	6 37	1 55	33 43	11 30	9 22	9 7	1 58			n.a.
S 12	23 10	22 37	2 48	20 11	3 38	24 30	0 58	16 38	0 22	24 18	0 34	22 42	1 6	11 40	0 46	6 37	1 55	33 43	11 30	9 20	9 6	1 55			n.a.
S 13	23 3	26 7	3 42	20 18	3 31	24 26	1 0	16 51	0 21	24 18	0 34	22 41	1 7	11 39	0 46	6 37	1 55	33 44	11 30	9 18	9 5	1 51			n.a.
M14	22 57	28 5	4 23	20 26	3 23	24 22	1 2	17 4	0 20	24 17	0 34	22 40	1 7	11 38	0 45	6 37	1 55	33 44	11 30	9 14	9 4	1 48			n.a.
T 15	22 50	28 24	4 49	20 35	3 14	24 17	1 3	17 17	0 19	24 17	0 34	22 39	1 7	11 37	0 45	6 38	1 55	33 44	11 30	9 10	9 3	1 44			n.a.
W16	22 42	27 5	5 0	20 44	3 4	24 11	1 5	17 29	0 18	24 17	0 34	22 37	1 7	11 36	0 45	6 38	1 55	33 45	11 30	9 5	9 1	1 41			n.a.
T 17	22 34	24 22	4 54	20 55	2 53	24 4	1 6	17 42	0 18	24 17	0 34	22 36	1 7	11 35	0 45	6 38	1 55	33 45	11 30	8 59	9 0	1 38			n.a.
F 18	22 26	20 32	4 35	21 6	2 42	23 56	1 8	17 54	0 17	24 17	0 35	22 35	1 7	11 34	0 45	6 39	1 55	33 45	11 30	8 55	8 59	1 34			n.a.
S 19	22 17	15 53	4 3	21 18	2 30	23 48	1 9	18 6	0 16	24 17	0 35	22 33	1 7	11 33	0 45	6 39	1 55	33 46	11 30	8 51	8 58	1 31			n.a.
S 20	22 8	10 42	3 20	21 30	2 18	23 39	1 11	18 18	0 15	24 16	0 35	22 32	1 7	11 32	0 45	6 39	1 55	33 46	11 30	8 48	8 57	1 27			n.a.
M21	21 58	5 11	2 29	21 42	2 6	23 30	1 12	18 30	0 14	24 16	0 35	22 31	1 7	11 31	0 45	6 40	1 55	33 46	11 30	8 46	8 55	1 24			n.a.
T 22	21 48	0s27	1 32	21 55	1 54	23 19	1 13	18 42	0 13	24 16	0 35	22 29	1 7	11 30	0 45	6 40	1 55	33 46	11 31	8 45	8 54	1 20			n.a.
W23	21 37	6 4	0 30	22 7	1 42	23 8	1 14	18 54	0 13	24 16	0 35	22 28	1 7	11 29	0 45	6 40	1 55	33 47	11 31	8 45	8 53	1 17			n.a.
T 24	21 26	11 31	0s32	22 20	1 29	22 57	1 15	19 5	0 12	24 16	0 35	22 27	1 7	11 28	0 45	6 41	1 55	33 47	11 31	8 45	8 52	1 13			n.a.
F 25	21 15	16 37	1 35	22 32	1 18	22 44	1 16	19 16	0 11	24 15	0 35	22 25	1 7	11 27	0 45	6 41	1 56	33 47	11 31	8 44	8 51	1 10			n.a.
S 26	21 4	21 10	2 34	22 43	1 6	22 31	1 17	19 27	0 10	24 15	0 35	22 24	1 7	11 26	0 45	6 41	1 56	33 48	11 31	8 44	8 49	1 7			n.a.
S 27	20 51	24 53	3 27	22 55	0 54	22 17	1 18	19 38	0 9	24 15	0 35	22 23	1 7	11 25	0 45	6 42	1 56	33 48	11 31	8 42	8 48	1 3			n.a.
M28	20 39	27 26	4 11	23 5	0 43	22 3	1 19	19 49	0 8	24 15	0 35	22 21	1 7	11 23	0 45	6 42	1 56	33 48	11 31	8 39	8 47	1 0			n.a.
T 29	20 26	28 31	4 43	23 15	0 32	21 48	1 20	20 0	0 7	24 15	0 35	22 20	1 8	11 22	0 45	6 43	1 56	33 48	11 31	8 36	8 46	0 56			n.a.
W30	20 13	27 52	4 59	23 25	0 21	21 32	1 21	20 10	0 6	24 14	0 35	22 19	1 8	11 21	0 45	6 43	1 56	33 49	11 31	8 31	8 45	0 53			n.a.
T 31	20s 0	25s24	4s58	23s33	0n10	21s16	1s22	20s20	0n 5	24n14	0n36	22s17	1s 8	11s20	0s45	6n44	1n56	33n49	11n31	8n27	8n43	0n49			n.a.

Julian Day Number = 1352155.5, Delta T = 07h06m21s
Ecliptic obliquity = 23°49'04, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'58, Lahiri = -17°54'58 Julian Calendar 1 Jan. 1011 BCE == Greg. Calendar 22 Dec. 1012 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

FEBRUARY 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 4 52	3♒ 9'00	14♒ 4	5♑46	3♒38	0♐29	23°R12	26♑38	2♓51	17°R38	19°R 5	21°R 8	22♈ 0	2♎ 5	n.a.	F 1
S 2	8 8 49	4° 8'50	28°41	6°48	4°53	1°12	23♊ 7	26°46	2°54	17♍37	19♋ 4	20♈58	21°57	2°12	n.a.	S 2
S 3	8 12 45	5° 8'39	13♓21	7°52	6° 8	1°55	23° 3	26°53	2°57	17°36	19° 2	20°51	21°54	2°18	n.a.	S 3
M 4	8 16 42	6° 8'24	27°56	8°58	7°22	2°37	22°59	27° 1	3° 1	17°35	19° 1	20°47	21°51	2°25	n.a.	M 4
T 5	8 20 38	7° 8'08	12♈21	10° 7	8°37	3°20	22°55	27° 8	3° 4	17°34	19° 0	20°45	21°48	2°32	n.a.	T 5
W 6	8 24 35	8° 7'49	26°33	11°18	9°52	4° 3	22°51	27°15	3° 7	17°33	18°58	20°D45	21°45	2°38	n.a.	W 6
T 7	8 28 32	9° 7'27	10♉32	12°30	11° 6	4°45	22°47	27°23	3°10	17°32	18°57	20°R45	21°41	2°45	n.a.	T 7
F 8	8 32 28	10° 7'03	24°17	13°45	12°21	5°28	22°44	27°30	3°13	17°30	18°55	20°44	21°38	2°52	n.a.	F 8
S 9	8 36 25	11° 6'37	7♊49	15° 1	13°35	6°11	22°40	27°37	3°16	17°29	18°54	20°42	21°35	2°58	n.a.	S 9
S 10	8 40 21	12° 6'08	21° 8	16°20	14°50	6°53	22°37	27°44	3°20	17°28	18°53	20°36	21°32	3° 5	n.a.	S 10
M11	8 44 18	13° 5'37	4♋16	17°40	16° 4	7°36	22°34	27°52	3°23	17°27	18°51	20°28	21°29	3°12	n.a.	M11
T 12	8 48 14	14° 5'04	17°12	19° 1	17°19	8°19	22°31	27°59	3°26	17°25	18°50	20°18	21°25	3°18	n.a.	T 12
W13	8 52 11	15° 4'28	29°57	20°24	18°33	9° 2	22°29	28° 6	3°29	17°24	18°49	20° 6	21°22	3°25	n.a.	W13
T 14	8 56 7	16° 3'50	12♌29	21°49	19°48	9°44	22°26	28°13	3°33	17°23	18°47	19°54	21°19	3°32	n.a.	T 14
F 15	9 0 4	17° 3'10	24°50	23°15	21° 2	10°27	22°24	28°21	3°36	17°21	18°46	19°43	21°16	3°38	n.a.	F 15
S 16	9 4 0	18° 2'27	7♍ 0	24°43	22°17	11°10	22°22	28°28	3°39	17°20	18°45	19°34	21°13	3°45	n.a.	S 16
S 17	9 7 57	19° 1'42	19° 0	26°12	23°31	11°53	22°20	28°35	3°43	17°19	18°43	19°27	21°10	3°52	n.a.	S 17
M18	9 11 54	20° 0'56	0♎52	27°43	24°45	12°35	22°19	28°42	3°46	17°17	18°42	19°23	21° 6	3°58	n.a.	M18
T 19	9 15 50	21° 0'07	12°40	29°15	26° 0	13°18	22°17	28°49	3°49	17°16	18°41	19°21	21° 3	4° 5	n.a.	T 19
W20	9 19 47	21°59'16	24°27	0♒49	27°14	14° 1	22°16	28°56	3°53	17°14	18°40	19°D21	21° 0	4°12	n.a.	W20
T 21	9 23 43	22°58'24	6♏19	2°24	28°28	14°44	22°15	29° 3	3°56	17°13	18°38	19°22	20°57	4°18	n.a.	T 21
F 22	9 27 40	23°57'29	18°19	4° 0	29°43	15°27	22°14	29°10	3°59	17°11	18°37	19°R22	20°54	4°25	n.a.	F 22
S 23	9 31 36	24°56'33	0♐34	5°38	0♓57	16° 9	22°13	29°17	4° 3	17°10	18°36	19°22	20°50	4°32	n.a.	S 23
S 24	9 35 33	25°55'35	13° 9	7°17	2°11	16°52	22°13	29°24	4° 6	17° 9	18°35	19°21	20°47	4°38	n.a.	S 24
M25	9 39 29	26°54'34	26° 7	8°58	3°26	17°35	22°12	29°31	4°10	17° 7	18°34	19°17	20°44	4°45	n.a.	M25
T 26	9 43 26	27°53'32	9♑33	10°40	4°40	18°18	22°D12	29°38	4°13	17° 6	18°33	19°12	20°41	4°52	n.a.	T 26
W27	9 47 23	28°52'29	23°27	12°24	5°54	19° 1	22°12	29°45	4°16	17° 4	18°32	19° 4	20°38	4°58	n.a.	W27
T 28	9 51 19	29♒51'23	7♒47	14♒ 9	7♓ 8	19♐43	22♊12	29♑51	4♓20	17♍ 2	18♋31	18♈56	20♈35	5♎ 5	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s46	21s17	4s37	23s41	0n 0	20s59	1s22	20s30	0n 4	24n14	0n36	22s16	1s 8	11s19	0s45	6n44	1n56	33n49	11n31	8n22	8n42	0n46		n.a.
S 2	19 31	15 50	3 59	23 48	0s10	20 41	1 23	20 40	0 3	24 14	0 36	22 15	1 8	11 18	0 45	6 45	1 56	33 49	11 31	8 19	8 41	0 42		n.a.
S 3	19 17	9 28	3 4	23 54	0 19	20 23	1 23	20 50	0 2	24 14	0 36	22 13	1 8	11 17	0 45	6 45	1 56	33 49	11 31	8 16	8 40	0 39		n.a.
M 4	19 2	2 38	1 58	23 59	0 29	20 4	1 24	21 0	0 1	24 13	0 36	22 12	1 8	11 16	0 45	6 45	1 56	33 50	11 31	8 14	8 39	0 36		n.a.
T 5	18 47	4n16	0 44	24 3	0 37	19 45	1 24	21 9	0 0	24 13	0 36	22 11	1 8	11 14	0 45	6 46	1 56	33 50	11 31	8 14	8 37	0 32		n.a.
W 6	18 31	10 53	0n31	24 6	0 46	19 25	1 25	21 18	0s 1	24 13	0 36	22 9	1 8	11 13	0 45	6 46	1 56	33 50	11 31	8 14	8 36	0 29		n.a.
T 7	18 15	16 51	1 43	24 7	0 54	19 4	1 25	21 27	0 2	24 13	0 36	22 8	1 8	11 12	0 45	6 47	1 56	33 50	11 31	8 14	8 35	0 25		n.a.
F 8	17 59	21 51	2 48	24 7	1 2	18 43	1 25	21 36	0 3	24 13	0 36	22 6	1 8	11 11	0 45	6 48	1 56	33 50	11 31	8 13	8 34	0 22		n.a.
S 9	17 43	25 37	3 43	24 6	1 9	18 22	1 25	21 45	0 4	24 13	0 36	22 5	1 8	11 10	0 45	6 48	1 56	33 51	11 31	8 12	8 33	0 18		n.a.
S 10	17 26	27 54	4 24	24 4	1 16	18 0	1 25	21 53	0 5	24 12	0 36	22 4	1 9	11 8	0 45	6 49	1 56	33 51	11 30	8 10	8 31	0 15		n.a.
M11	17 9	28 35	4 51	24 0	1 23	17 37	1 25	22 1	0 6	24 12	0 36	22 2	1 9	11 7	0 45	6 49	1 56	33 51	11 30	8 7	8 30	0 11		n.a.
T 12	16 52	27 41	5 2	23 55	1 29	17 14	1 25	22 9	0 7	24 12	0 36	22 1	1 9	11 6	0 45	6 50	1 56	33 51	11 30	8 3	8 29	0 8		n.a.
W13	16 34	25 20	4 58	23 49	1 35	16 51	1 25	22 17	0 8	24 12	0 36	21 59	1 9	11 5	0 45	6 50	1 57	33 51	11 30	7 59	8 28	0 5		n.a.
T 14	16 16	21 47	4 40	23 41	1 41	16 27	1 25	22 25	0 9	24 12	0 36	21 58	1 9	11 4	0 45	6 51	1 57	33 51	11 30	7 54	8 27	0 1		n.a.
F 15	15 58	17 20	4 8	23 31	1 46	16 3	1 25	22 32	0 10	24 12	0 36	21 57	1 9	11 2	0 45	6 51	1 57	33 51	11 30	7 50	8 25	0s 2		n.a.
S 16	15 40	12 15	3 26	23 20	1 51	15 38	1 24	22 39	0 11	24 12	0 36	21 55	1 9	11 1	0 45	6 52	1 57	33 51	11 30	7 46	8 24	0 6		n.a.
S 17	15 21	6 47	2 35	23 7	1 55	15 13	1 24	22 46	0 12	24 12	0 36	21 54	1 9	11 0	0 45	6 53	1 57	33 52	11 30	7 44	8 23	0 9		n.a.
M18	15 2	1 8	1 37	22 53	1 59	14 47	1 24	22 53	0 13	24 12	0 36	21 53	1 9	10 59	0 45	6 53	1 57	33 52	11 30	7 42	8 22	0 13		n.a.
T 19	14 43	4s32	0 36	22 37	2 2	14 21	1 23	23 0	0 15	24 12	0 36	21 51	1 9	10 57	0 45	6 54	1 57	33 52	11 30	7 41	8 20	0 16		n.a.
W20	14 24	10 3	0s27	22 19	2 5	13 55	1 23	23 6	0 16	24 12	0 36	21 50	1 10	10 56	0 45	6 54	1 57	33 52	11 30	7 41	8 19	0 20		n.a.
T 21	14 4	15 15	1 30	22 0	2 8	13 28	1 22	23 12	0 17	24 12	0 36	21 48	1 10	10 55	0 45	6 55	1 57	33 52	11 29	7 42	8 18	0 23		n.a.
F 22	13 45	19 56	2 29	21 39	2 10	13 1	1 21	23 18	0 18	24 11	0 36	21 47	1 10	10 54	0 45	6 55	1 57	33 52	11 29	7 42	8 17	0 27		n.a.
S 23	13 25	23 54	3 23	21 17	2 11	12 34	1 21	23 24	0 19	24 11	0 36	21 46	1 10	10 52	0 45	6 56	1 57	33 52	11 29	7 42	8 16	0 30		n.a.
S 24	13 5	26 51	4 8	20 52	2 12	12 6	1 20	23 30	0 20	24 11	0 36	21 44	1 10	10 51	0 45	6 57	1 57	33 52	11 29	7 41	8 14	0 33		n.a.
M25	12 44	28 28	4 43	20 26	2 13	11 38	1 19	23 35	0 22	24 11	0 36	21 43	1 10	10 50	0 45	6 57	1 57	33 52	11 29	7 40	8 13	0 37		n.a.
T 26	12 24	28 30	5 3	19 58	2 13	11 10	1 18	23 40	0 23	24 11	0 36	21 42	1 10	10 49	0 45	6 58	1 57	33 52	11 29	7 38	8 12	0 40		n.a.
W27	12 3	26 46	5 6	19 28	2 13	10 41	1 17	23 45	0 24	24 11	0 36	21 40	1 10	10 47	0 45	6 59	1 57	33 52	11 29	7 35	8 11	0 44		n.a.
T 28	11s42	23s17	4s51	18s57	2s12	10s12	1s16	23s50	0s25	24n12	0n36	21s39	1s11	10s46	0s45	6n59	1n57	33n52	11n29	7n32	8n10	0s47		n.a.

Julian Day Number = 1352186.5, Delta T = 07h06m20s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'54, Lahiri = -17°54'53 Julian Calendar 1 Feb. 1011 BCE == Greg. Calendar 22 Jan. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

MARCH 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 55 16	0♓50'15	22♒28	15♒55	8♓23	20♐26	22♊13	29♑58	4♓23	17°R 1	18°R29	18°R49	20♈31	5♎11	n.a.	F 1
S 2	9 59 12	1°49'05	7♓24	17°43	9°37	21° 9	22°13	0♒ 5	4°27	16♍59	18♋28	18♈42	20°28	5°18	n.a.	S 2
S 3	10 3 9	2°47'52	22°25	19°33	10°51	21°52	22°14	0°11	4°30	16°58	18°27	18°38	20°25	5°25	n.a.	S 3
M 4	10 7 5	3°46'38	7♈23	21°24	12° 5	22°34	22°15	0°18	4°33	16°56	18°26	18°35	20°22	5°31	n.a.	M 4
T 5	10 11 2	4°45'21	22° 9	23°16	13°19	23°17	22°16	0°25	4°37	16°55	18°25	18°D35	20°19	5°38	n.a.	T 5
W 6	10 14 58	5°44'02	6♉39	25°10	14°33	24° 0	22°18	0°31	4°40	16°53	18°25	18°36	20°16	5°45	n.a.	W 6
T 7	10 18 55	6°42'40	20°49	27° 5	15°47	24°43	22°19	0°38	4°44	16°51	18°24	18°37	20°12	5°51	n.a.	T 7
F 8	10 22 51	7°41'16	4♊38	29° 2	17° 1	25°25	22°21	0°44	4°47	16°50	18°23	18°R38	20° 9	5°58	n.a.	F 8
S 9	10 26 48	8°39'50	18° 8	1♓ 0	18°15	26° 8	22°23	0°51	4°50	16°48	18°22	18°38	20° 6	6° 5	n.a.	S 9
S 10	10 30 45	9°38'22	1♋18	3° 0	19°30	26°51	22°25	0°57	4°54	16°47	18°21	18°36	20° 3	6°11	n.a.	S 10
M11	10 34 41	10°36'51	14°12	5° 1	20°43	27°34	22°28	1° 3	4°57	16°45	18°20	18°32	20° 0	6°18	n.a.	M11
T 12	10 38 38	11°35'18	26°52	7° 3	21°57	28°16	22°30	1°10	5° 1	16°43	18°19	18°27	19°56	6°25	n.a.	T 12
W13	10 42 34	12°33'42	9♌19	9° 7	23°11	28°59	22°33	1°16	5° 4	16°42	18°19	18°20	19°53	6°31	n.a.	W13
T 14	10 46 31	13°32'05	21°36	11°12	24°25	29°42	22°35	1°22	5° 7	16°40	18°18	18°14	19°50	6°38	n.a.	T 14
F 15	10 50 27	14°30'25	3♍43	13°18	25°39	0♑24	22°38	1°28	5°11	16°38	18°17	18° 8	19°47	6°45	n.a.	F 15
S 16	10 54 24	15°28'44	15°42	15°24	26°53	1° 7	22°42	1°34	5°14	16°37	18°16	18° 4	19°44	6°51	n.a.	S 16
S 17	10 58 20	16°27'00	27°35	17°32	28° 7	1°49	22°45	1°40	5°18	16°35	18°16	18° 0	19°41	6°58	n.a.	S 17
M18	11 2 17	17°25'14	9♎24	19°40	29°21	2°32	22°48	1°46	5°21	16°34	18°15	17°58	19°37	7° 5	n.a.	M18
T 19	11 6 13	18°23'27	21°11	21°48	0♈35	3°15	22°52	1°52	5°24	16°32	18°15	17°D58	19°34	7°11	n.a.	T 19
W20	11 10 10	19°21'38	3♏ 0	23°56	1°48	3°57	22°56	1°58	5°28	16°30	18°14	17°59	19°31	7°18	n.a.	W20
T 21	11 14 7	20°19'47	14°53	26° 4	3° 2	4°40	23° 0	2° 4	5°31	16°29	18°13	18° 0	19°28	7°24	n.a.	T 21
F 22	11 18 3	21°17'55	26°55	28°11	4°16	5°22	23° 4	2° 9	5°34	16°27	18°13	18° 2	19°25	7°31	n.a.	F 22
S 23	11 22 0	22°16'01	9♐10	0♈18	5°30	6° 5	23° 9	2°15	5°38	16°25	18°12	18° 4	19°22	7°38	n.a.	S 23
S 24	11 25 56	23°14'06	21°43	2°23	6°43	6°47	23°13	2°21	5°41	16°24	18°12	18°R 4	19°18	7°44	n.a.	S 24
M25	11 29 53	24°12'09	4♑38	4°28	7°57	7°30	23°18	2°26	5°44	16°22	18°11	18° 4	19°15	7°51	n.a.	M25
T 26	11 33 49	25°10'10	17°58	6°30	9°11	8°12	23°23	2°32	5°47	16°21	18°11	18° 2	19°12	7°58	n.a.	T 26
W27	11 37 46	26° 8'10	1♒46	8°30	10°24	8°54	23°28	2°37	5°51	16°19	18°11	18° 0	19° 9	8° 4	n.a.	W27
T 28	11 41 42	27° 6'09	16° 1	10°28	11°38	9°37	23°33	2°42	5°54	16°17	18°10	17°57	19° 6	8°11	n.a.	T 28
F 29	11 45 39	28° 4'06	0♓41	12°24	12°52	10°19	23°38	2°48	5°57	16°16	18°10	17°55	19° 2	8°18	n.a.	F 29
S 30	11 49 36	29° 2'01	15°39	14°17	14° 5	11° 1	23°44	2°53	6° 0	16°14	18°10	17°53	18°59	8°24	n.a.	S 30
S 31	11 53 32	29♓59'55	0♈49	16♈ 7	15♈19	11♑44	23♊49	2♒58	6♓ 4	16♍13	18♋ 9	17♈51	18♈56	8♎31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s21	18s16	4s16	18s23	2s11	9s43	1s15	23s54	0s26	24n12	0n36	21s38	1s11	10s45	0s45	7n 0	1n57	33n52	11n28	7n29	8n 8	0s51		n.a.
S 2	11 0	12 4	3 24	17 48	2 9	9 13	1 14	23 59	0 28	24 12	0 37	21 36	1 11	10 44	0 45	7 1	1 57	33 52	11 28	7 26	8 7	0 54		n.a.
S 3	10 38	5 8	2 17	17 11	2 7	8 44	1 13	24 3	0 29	24 12	0 37	21 35	1 11	10 42	0 45	7 1	1 57	33 52	11 28	7 25	8 6	0 58		n.a.
M 4	10 17	2n 3	1 0	16 33	2 4	8 14	1 11	24 7	0 30	24 12	0 37	21 34	1 11	10 41	0 45	7 2	1 57	33 52	11 28	7 24	8 5	1 1		n.a.
T 5	9 55	9 4	0n19	15 52	2 0	7 44	1 10	24 10	0 31	24 12	0 37	21 32	1 11	10 40	0 45	7 2	1 57	33 52	11 28	7 24	8 4	1 5		n.a.
W 6	9 33	15 28	1 36	15 9	1 56	7 14	1 9	24 14	0 33	24 12	0 37	21 31	1 11	10 38	0 45	7 3	1 57	33 52	11 28	7 24	8 2	1 8		n.a.
T 7	9 11	20 54	2 46	14 25	1 52	6 43	1 7	24 17	0 34	24 12	0 37	21 30	1 11	10 37	0 45	7 4	1 57	33 52	11 27	7 24	8 1	1 11		n.a.
F 8	8 49	25 4	3 44	13 39	1 47	6 13	1 6	24 20	0 35	24 12	0 37	21 28	1 12	10 36	0 45	7 4	1 57	33 52	11 27	7 25	8 0	1 15		n.a.
S 9	8 27	27 43	4 28	12 52	1 41	5 42	1 4	24 22	0 37	24 12	0 37	21 27	1 12	10 35	0 45	7 5	1 57	33 52	11 27	7 25	7 59	1 18		n.a.
S 10	8 5	28 45	4 57	12 2	1 35	5 11	1 3	24 25	0 38	24 12	0 37	21 26	1 12	10 33	0 45	7 6	1 57	33 52	11 27	7 24	7 57	1 22		n.a.
M11	7 42	28 11	5 10	11 11	1 28	4 40	1 1	24 27	0 39	24 13	0 37	21 25	1 12	10 32	0 45	7 6	1 57	33 52	11 27	7 22	7 56	1 25		n.a.
T 12	7 20	26 8	5 7	10 18	1 21	4 9	0 59	24 29	0 41	24 13	0 37	21 23	1 12	10 31	0 45	7 7	1 57	33 52	11 26	7 20	7 55	1 29		n.a.
W13	6 57	22 51	4 50	9 24	1 13	3 37	0 58	24 31	0 42	24 13	0 37	21 22	1 12	10 30	0 45	7 8	1 57	33 52	11 26	7 18	7 54	1 32		n.a.
T 14	6 34	18 37	4 20	8 29	1 5	3 6	0 56	24 32	0 43	24 13	0 37	21 21	1 12	10 28	0 45	7 8	1 57	33 52	11 26	7 16	7 53	1 36		n.a.
F 15	6 12	13 41	3 38	7 32	0 56	2 35	0 54	24 34	0 45	24 13	0 37	21 20	1 13	10 27	0 45	7 9	1 57	33 51	11 26	7 13	7 51	1 39		n.a.
S 16	5 49	8 17	2 47	6 34	0 47	2 3	0 52	24 35	0 46	24 13	0 37	21 18	1 13	10 26	0 45	7 10	1 57	33 51	11 26	7 11	7 50	1 43		n.a.
S 17	5 26	2 39	1 49	5 35	0 38	1 32	0 50	24 36	0 47	24 14	0 37	21 17	1 13	10 25	0 45	7 10	1 57	33 51	11 25	7 10	7 49	1 46		n.a.
M18	5 3	3s 4	0 47	4 35	0 28	1 0	0 48	24 36	0 49	24 14	0 37	21 16	1 13	10 23	0 45	7 11	1 57	33 51	11 25	7 10	7 48	1 49		n.a.
T 19	4 40	8 40	0s18	3 34	0 17	0 28	0 46	24 37	0 50	24 14	0 37	21 15	1 13	10 22	0 45	7 12	1 57	33 51	11 25	7 9	7 46	1 53		n.a.
W20	4 17	13 59	1 22	2 33	0 7	0n 3	0 44	24 37	0 52	24 14	0 37	21 14	1 13	10 21	0 45	7 12	1 57	33 51	11 25	7 10	7 45	1 56		n.a.
T 21	3 53	18 49	2 23	1 32	0n 4	0 35	0 42	24 37	0 53	24 14	0 37	21 12	1 14	10 20	0 45	7 13	1 57	33 51	11 24	7 10	7 44	2 0		n.a.
F 22	3 30	22 59	3 18	0 30	0 15	1 7	0 40	24 37	0 55	24 15	0 37	21 11	1 14	10 18	0 45	7 14	1 57	33 51	11 24	7 11	7 43	2 3		n.a.
S 23	3 7	26 13	4 6	0n31	0 26	1 38	0 38	24 36	0 56	24 15	0 37	21 10	1 14	10 17	0 45	7 14	1 57	33 50	11 24	7 12	7 42	2 7		n.a.
S 24	2 44	28 15	4 43	1 32	0 37	2 10	0 36	24 36	0 57	24 15	0 37	21 9	1 14	10 16	0 45	7 15	1 57	33 50	11 24	7 12	7 40	2 10		n.a.
M25	2 20	28 50	5 7	2 32	0 48	2 41	0 34	24 35	0 59	24 15	0 37	21 8	1 14	10 15	0 45	7 15	1 57	33 50	11 24	7 12	7 39	2 14		n.a.
T 26	1 57	27 47	5 15	3 31	0 58	3 13	0 31	24 34	1 0	24 16	0 37	21 7	1 14	10 13	0 45	7 16	1 57	33 50	11 23	7 11	7 38	2 17		n.a.
W27	1 34	25 3	5 6	4 28	1 9	3 44	0 29	24 32	1 2	24 16	0 37	21 6	1 15	10 12	0 45	7 17	1 57	33 50	11 23	7 10	7 37	2 21		n.a.
T 28	1 10	20 42	4 38	5 25	1 19	4 16	0 27	24 31	1 3	24 16	0 37	21 5	1 15	10 11	0 45	7 17	1 57	33 50	11 23	7 9	7 35	2 24		n.a.
F 29	0 47	15 0	3 52	6 20	1 29	4 47	0 24	24 29	1 5	24 16	0 37	21 3	1 15	10 10	0 45	7 18	1 57	33 49	11 23	7 8	7 34	2 27		n.a.
S 30	0 23	8 19	2 49	7 13	1 38	5 18	0 22	24 27	1 6	24 17	0 37	21 2	1 15	10 9	0 45	7 19	1 57	33 49	11 22	7 7	7 33	2 31		n.a.
S 31	0s 0	1s 5	1s33	8n 4	1n47	5n49	0s20	24s25	1s 8	24n17	0n37	21s 1	1s15	10s 7	0s45	7n19	1n57	33n49	11n22	7n 7	7n32	2s34		n.a.

Julian Day Number = 1352214.5, Delta T = 07h06m18s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'50, Lahiri = -17°54'50 Julian Calendar 1 March 1011 BCE == Greg. Calendar 19 Feb. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

APRIL 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	11 57 29	0♈57'47	15♈59	17♈53	16♈32	12♉26	23♊55	3♒ 3	6♓ 7	16°R11	18°R 9	17°D51	18♈53	8♎38	n.a.	M 1
T 2	12 1 25	1°55'37	1♉ 2	19°37	17°46	13° 8	24° 1	3° 8	6°10	16♍ 9	18♋ 9	17♈51	18°50	8°44	n.a.	T 2
W 3	12 5 22	2°53'26	15°49	21°17	18°59	13°50	24° 7	3°13	6°13	16° 8	18° 9	17°52	18°47	8°51	n.a.	W 3
T 4	12 9 18	3°51'13	0♊14	22°54	20°13	14°32	24°13	3°18	6°16	16° 6	18° 8	17°53	18°43	8°58	n.a.	T 4
F 5	12 13 15	4°48'58	14°14	24°27	21°26	15°14	24°19	3°23	6°19	16° 5	18° 8	17°54	18°40	9° 4	n.a.	F 5
S 6	12 17 11	5°46'42	27°50	25°57	22°40	15°56	24°26	3°27	6°22	16° 3	18° 8	17°54	18°37	9°11	n.a.	S 6
S 7	12 21 8	6°44'23	11♋ 1	27°23	23°53	16°38	24°33	3°32	6°25	16° 2	18° 8	17°R54	18°34	9°17	n.a.	S 7
M 8	12 25 5	7°42'03	23°52	28°45	25° 6	17°20	24°39	3°37	6°29	16° 0	18° 8	17°54	18°31	9°24	n.a.	M 8
T 9	12 29 1	8°39'41	6♌23	0♉ 3	26°20	18° 2	24°46	3°41	6°32	15°59	18°D 8	17°53	18°28	9°31	n.a.	T 9
W10	12 32 58	9°37'17	18°41	1°18	27°33	18°43	24°53	3°46	6°35	15°57	18° 8	17°52	18°24	9°37	n.a.	W10
T 11	12 36 54	10°34'52	0♍46	2°28	28°46	19°25	25° 1	3°50	6°37	15°56	18° 8	17°51	18°21	9°44	n.a.	T 11
F 12	12 40 51	11°32'25	12°43	3°35	29°59	20° 7	25° 8	3°54	6°40	15°54	18° 8	17°50	18°18	9°51	n.a.	F 12
S 13	12 44 47	12°29'57	24°35	4°37	1♉13	20°49	25°15	3°58	6°43	15°53	18° 8	17°50	18°15	9°57	n.a.	S 13
S 14	12 48 44	13°27'27	6♎23	5°36	2°26	21°30	25°23	4° 2	6°46	15°52	18° 8	17°49	18°12	10° 4	n.a.	S 14
M15	12 52 40	14°24'56	18°11	6°30	3°39	22°12	25°31	4° 7	6°49	15°50	18° 9	17°D49	18° 8	10°11	n.a.	M15
T 16	12 56 37	15°22'24	0♏ 0	7°20	4°53	22°53	25°38	4°10	6°52	15°49	18° 9	17°49	18° 5	10°17	n.a.	T 16
W17	13 0 34	16°19'50	11°54	8° 6	6° 6	23°34	25°46	4°14	6°55	15°47	18° 9	17°49	18° 2	10°24	n.a.	W17
T 18	13 4 30	17°17'16	23°53	8°48	7°19	24°16	25°54	4°18	6°58	15°46	18° 9	17°49	17°59	10°31	n.a.	T 18
F 19	13 8 27	18°14'40	6♐ 2	9°25	8°32	24°57	26° 2	4°22	7° 0	15°45	18° 9	17°R49	17°56	10°37	n.a.	F 19
S 20	13 12 23	19°12'04	18°23	9°57	9°45	25°38	26°11	4°25	7° 3	15°43	18°10	17°49	17°53	10°44	n.a.	S 20
S 21	13 16 20	20° 9'27	0♑59	10°25	10°58	26°19	26°19	4°29	7° 6	15°42	18°10	17°49	17°49	10°51	n.a.	S 21
M22	13 20 16	21° 6'49	13°54	10°49	12°11	27° 0	26°28	4°32	7° 8	15°41	18°10	17°49	17°46	10°57	n.a.	M22
T 23	13 24 13	22° 4'10	27°10	11° 8	13°24	27°41	26°36	4°36	7°11	15°40	18°11	17°D49	17°43	11° 4	n.a.	T 23
W24	13 28 9	23° 1'30	10♒49	11°22	14°37	28°22	26°45	4°39	7°14	15°38	18°11	17°49	17°40	11°10	n.a.	W24
T 25	13 32 6	23°58'50	24°53	11°31	15°50	29° 3	26°54	4°42	7°16	15°37	18°12	17°50	17°37	11°17	n.a.	T 25
F 26	13 36 3	24°56'09	9♓20	11°36	17° 3	29°44	27° 3	4°45	7°19	15°36	18°12	17°50	17°33	11°24	n.a.	F 26
S 27	13 39 59	25°53'27	24° 8	11°R36	18°16	0♒24	27°12	4°48	7°21	15°35	18°13	17°51	17°30	11°30	n.a.	S 27
S 28	13 43 56	26°50'45	9♈ 9	11°32	19°29	1° 5	27°21	4°51	7°24	15°34	18°13	17°51	17°27	11°37	n.a.	S 28
M29	13 47 52	27°48'01	24°17	11°24	20°42	1°45	27°30	4°54	7°26	15°33	18°14	17°R51	17°24	11°44	n.a.	M29
T 30	13 51 49	28♈45'17	9♉23	11♉11	21♉55	2♒26	27♊40	4♒57	7♓29	15♍32	18♋14	17♈51	17♈21	11♎50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	0n23	6n14	0s10	8n54	1n55	6n20	0s17	24s23	1s 9	24n17	0n37	21s 0	1s15	10s 6	0s45	7n20	1n57	33n49	11n22	7n 6	7n31	2s38		n.a.
T 2	0 47	13 9	1n12	9 41	2 3	6 51	0 15	24 20	1 11	24 17	0 37	20 59	1 16	10 5	0 45	7 20	1 57	33 49	11 22	7 7	7 29	2 41		n.a.
W 3	1 10	19 12	2 29	10 26	2 10	7 22	0 12	24 17	1 12	24 18	0 37	20 58	1 16	10 4	0 45	7 21	1 57	33 48	11 21	7 7	7 28	2 45		n.a.
T 4	1 33	24 0	3 34	11 9	2 16	7 52	0 10	24 14	1 14	24 18	0 37	20 57	1 16	10 3	0 45	7 22	1 57	33 48	11 21	7 7	7 27	2 48		n.a.
F 5	1 57	27 14	4 24	11 49	2 22	8 22	0 7	24 11	1 15	24 18	0 37	20 56	1 16	10 2	0 45	7 22	1 57	33 48	11 21	7 8	7 26	2 52		n.a.
S 6	2 20	28 46	4 58	12 27	2 27	8 53	0 5	24 7	1 17	24 19	0 37	20 55	1 16	10 1	0 45	7 23	1 57	33 48	11 21	7 8	7 24	2 55		n.a.
S 7	2 43	28 35	5 15	13 2	2 31	9 22	0 2	24 4	1 19	24 19	0 37	20 55	1 16	9 59	0 45	7 23	1 57	33 47	11 20	7 8	7 23	2 59		n.a.
M 8	3 6	26 51	5 15	13 36	2 34	9 52	0n 0	24 0	1 20	24 19	0 37	20 54	1 17	9 58	0 45	7 24	1 57	33 47	11 20	7 8	7 22	3 2		n.a.
T 9	3 29	23 49	5 1	14 6	2 37	10 22	0 3	23 56	1 22	24 19	0 37	20 53	1 17	9 57	0 45	7 25	1 57	33 47	11 20	7 7	7 21	3 5		n.a.
W10	3 52	19 46	4 32	14 34	2 38	10 51	0 5	23 52	1 23	24 20	0 37	20 52	1 17	9 56	0 45	7 25	1 57	33 47	11 20	7 7	7 20	3 9		n.a.
T 11	4 15	14 59	3 53	15 0	2 39	11 20	0 8	23 47	1 25	24 20	0 37	20 51	1 17	9 55	0 45	7 26	1 57	33 46	11 19	7 7	7 18	3 12		n.a.
F 12	4 38	9 42	3 3	15 23	2 39	11 49	0 10	23 43	1 27	24 20	0 37	20 50	1 17	9 54	0 45	7 26	1 57	33 46	11 19	7 6	7 17	3 16		n.a.
S 13	5 1	4 6	2 6	15 44	2 38	12 17	0 13	23 38	1 28	24 21	0 37	20 49	1 18	9 53	0 45	7 27	1 57	33 46	11 19	7 6	7 16	3 19		n.a.
S 14	5 24	1s37	1 3	16 2	2 36	12 45	0 16	23 33	1 30	24 21	0 37	20 49	1 18	9 52	0 45	7 27	1 57	33 46	11 18	7 6	7 15	3 23		n.a.
M15	5 46	7 16	0s 2	16 18	2 33	13 13	0 18	23 28	1 31	24 21	0 37	20 48	1 18	9 51	0 45	7 28	1 57	33 45	11 18	7 6	7 13	3 26		n.a.
T 16	6 9	12 42	1 7	16 31	2 29	13 40	0 21	23 22	1 33	24 21	0 37	20 47	1 18	9 50	0 45	7 28	1 57	33 45	11 18	7 6	7 12	3 30		n.a.
W17	6 31	17 42	2 10	16 42	2 24	14 8	0 23	23 17	1 35	24 22	0 37	20 46	1 18	9 49	0 45	7 29	1 57	33 45	11 18	7 6	7 11	3 33		n.a.
T 18	6 54	22 4	3 7	16 50	2 19	14 35	0 26	23 11	1 36	24 22	0 37	20 45	1 19	9 47	0 45	7 29	1 57	33 44	11 17	7 6	7 10	3 37		n.a.
F 19	7 16	25 33	3 57	16 56	2 12	15 1	0 28	23 5	1 38	24 22	0 37	20 45	1 19	9 46	0 45	7 30	1 57	33 44	11 17	7 6	7 8	3 40		n.a.
S 20	7 38	27 54	4 37	17 0	2 4	15 27	0 31	22 59	1 40	24 23	0 37	20 44	1 19	9 45	0 45	7 30	1 57	33 44	11 17	7 6	7 7	3 43		n.a.
S 21	8 0	28 53	5 4	17 1	1 56	15 53	0 33	22 53	1 41	24 23	0 37	20 43	1 19	9 44	0 45	7 31	1 57	33 43	11 17	7 6	7 6	3 47		n.a.
M22	8 22	28 20	5 17	16 59	1 46	16 18	0 36	22 46	1 43	24 23	0 37	20 43	1 19	9 43	0 45	7 31	1 57	33 43	11 16	7 6	7 5	3 50		n.a.
T 23	8 44	26 10	5 13	16 55	1 36	16 43	0 38	22 40	1 45	24 23	0 37	20 42	1 20	9 42	0 45	7 32	1 57	33 43	11 16	7 6	7 4	3 54		n.a.
W24	9 5	22 28	4 52	16 49	1 25	17 8	0 41	22 33	1 47	24 23	0 37	20 42	1 20	9 42	0 45	7 32	1 57	33 43	11 16	7 6	7 2	3 57		n.a.
T 25	9 27	17 24	4 14	16 40	1 12	17 32	0 43	22 26	1 48	24 24	0 37	20 41	1 20	9 41	0 45	7 33	1 57	33 42	11 16	7 6	7 1	4 1		n.a.
F 26	9 48	11 14	3 18	16 29	0 59	17 55	0 46	22 19	1 50	24 24	0 37	20 40	1 20	9 40	0 45	7 33	1 57	33 42	11 15	7 6	7 0	4 4		n.a.
S 27	10 9	4 19	2 8	16 16	0 45	18 19	0 48	22 12	1 52	24 24	0 37	20 40	1 20	9 39	0 45	7 33	1 57	33 42	11 15	7 7	6 59	4 8		n.a.
S 28	10 30	2n57	0 48	16 1	0 31	18 41	0 51	22 5	1 53	24 24	0 37	20 39	1 21	9 38	0 45	7 34	1 57	33 41	11 15	7 7	6 57	4 11		n.a.
M29	10 51	10 7	0n36	15 44	0 15	19 4	0 53	21 57	1 55	24 25	0 37	20 39	1 21	9 37	0 45	7 34	1 57	33 41	11 15	7 7	6 56	4 14		n.a.
T 30	11n12	16n41	1n57	15n25	0s 0	19n25	0n55	21s50	1s57	24n25	0n37	20s38	1s21	9s36	0s45	7n35	1n57	33n41	11n14	7n 7	6n55	4s18		n.a.

Julian Day Number = 1352245.5, Delta T = 07h06m17s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'46, Lahiri = -17°54'45 Julian Calendar 1 Apr. 1011 BCE == Greg. Calendar 22 March 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

MAY 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 55 45	29♈42'32	24♉17	10°R54	23♉ 7	3♒ 6	27♊49	4♒59	7♓31	15°R30	18♋15	17°R50	17♈18	11♎57	n.a.	W 1
T 2	13 59 42	0♉39'47	8♊52	10♉34	24°20	3°46	27°59	5° 2	7°34	15♍29	18°16	17♈48	17°14	12° 4	n.a.	T 2
F 3	14 3 38	1°37'00	23° 3	10°11	25°33	4°26	28° 9	5° 4	7°36	15°28	18°16	17°47	17°11	12°10	n.a.	F 3
S 4	14 7 35	2°34'13	6♋46	9°44	26°46	5° 6	28°18	5° 7	7°38	15°27	18°17	17°45	17° 8	12°17	n.a.	S 4
S 5	14 11 32	3°31'24	20° 3	9°15	27°58	5°46	28°28	5° 9	7°40	15°26	18°18	17°44	17° 5	12°24	n.a.	S 5
M 6	14 15 28	4°28'35	2♌56	8°44	29°11	6°25	28°38	5°11	7°43	15°25	18°18	17°D44	17° 2	12°30	n.a.	M 6
T 7	14 19 25	5°25'45	15°26	8°11	0♊24	7° 5	28°48	5°13	7°45	15°25	18°19	17°44	16°59	12°37	n.a.	T 7
W 8	14 23 21	6°22'53	27°40	7°38	1°36	7°44	28°59	5°15	7°47	15°24	18°20	17°45	16°55	12°43	n.a.	W 8
T 9	14 27 18	7°20'01	9♍41	7° 4	2°49	8°24	29° 9	5°17	7°49	15°23	18°21	17°46	16°52	12°50	n.a.	T 9
F 10	14 31 14	8°17'08	21°33	6°30	4° 1	9° 3	29°19	5°19	7°51	15°22	18°22	17°48	16°49	12°57	n.a.	F 10
S 11	14 35 11	9°14'15	3♎21	5°57	5°14	9°42	29°29	5°20	7°53	15°21	18°23	17°49	16°46	13° 3	n.a.	S 11
S 12	14 39 7	10°11'21	15° 9	5°25	6°26	10°21	29°40	5°22	7°55	15°20	18°23	17°R50	16°43	13°10	n.a.	S 12
M13	14 43 4	11° 8'26	26°58	4°56	7°39	11° 0	29°51	5°24	7°57	15°20	18°24	17°49	16°39	13°17	n.a.	M13
T 14	14 47 1	12° 5'31	8♏53	4°28	8°51	11°39	0♋ 1	5°25	7°59	15°19	18°25	17°48	16°36	13°23	n.a.	T 14
W15	14 50 57	13° 2'36	20°55	4° 4	10° 4	12°17	0°12	5°26	8° 1	15°18	18°26	17°45	16°33	13°30	n.a.	W15
T 16	14 54 54	13°59'41	3♐ 6	3°43	11°16	12°56	0°23	5°27	8° 3	15°17	18°27	17°42	16°30	13°37	n.a.	T 16
F 17	14 58 50	14°56'45	15°27	3°25	12°28	13°34	0°34	5°29	8° 4	15°17	18°28	17°37	16°27	13°43	n.a.	F 17
S 18	15 2 47	15°53'49	28° 1	3°12	13°41	14°12	0°45	5°29	8° 6	15°16	18°30	17°33	16°24	13°50	n.a.	S 18
S 19	15 6 43	16°50'53	10♑48	3° 2	14°53	14°50	0°56	5°30	8° 8	15°16	18°31	17°29	16°20	13°57	n.a.	S 19
M20	15 10 40	17°47'58	23°49	2°57	16° 5	15°28	1° 7	5°31	8°10	15°15	18°32	17°26	16°17	14° 3	n.a.	M20
T 21	15 14 37	18°45'02	7♒ 7	2°D57	17°18	16° 5	1°18	5°32	8°11	15°15	18°33	17°24	16°14	14°10	n.a.	T 21
W22	15 18 33	19°42'07	20°43	3° 2	18°30	16°43	1°29	5°32	8°13	15°14	18°34	17°D23	16°11	14°17	n.a.	W22
T 23	15 22 30	20°39'12	4♓37	3°11	19°42	17°20	1°40	5°33	8°14	15°14	18°35	17°24	16° 8	14°23	n.a.	T 23
F 24	15 26 26	21°36'17	18°50	3°25	20°54	17°57	1°52	5°33	8°16	15°13	18°36	17°25	16° 5	14°30	n.a.	F 24
S 25	15 30 23	22°33'22	3♈20	3°44	22° 6	18°34	2° 3	5°34	8°17	15°13	18°38	17°27	16° 1	14°36	n.a.	S 25
S 26	15 34 19	23°30'27	18° 3	4° 8	23°18	19°11	2°15	5°34	8°19	15°12	18°39	17°R27	15°58	14°43	n.a.	S 26
M27	15 38 16	24°27'33	2♉55	4°37	24°30	19°48	2°26	5°R34	8°20	15°12	18°40	17°26	15°55	14°50	n.a.	M27
T 28	15 42 12	25°24'39	17°48	5°10	25°42	20°24	2°38	5°34	8°21	15°12	18°41	17°24	15°52	14°56	n.a.	T 28
W29	15 46 9	26°21'46	2♊35	5°48	26°54	21° 0	2°50	5°34	8°23	15°11	18°43	17°19	15°49	15° 3	n.a.	W29
T 30	15 50 6	27°18'52	17° 8	6°32	28° 6	21°36	3° 1	5°33	8°24	15°11	18°44	17°14	15°45	15°10	n.a.	T 30
F 31	15 54 2	28♉15'59	1♋20	7♉19	29♊18	22♒12	3♋13	5♒33	8♓25	15♍11	18♋46	17♈ 8	15♈42	15♎16	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	11n33	22n11	3n 9	15n 4	0s17	19n47	0n58	21s42	1s59	24n25	0n37	20s38	1s21	9s35	0s46	7n35	1n56	33n40	11n14	7n 6	6n54	4s21			n.a.
T 2	11 53	26 11	4 7	14 42	0 33	20 7	1 0	21 34	2 0	24 25	0 37	20 38	1 21	9 34	0 46	7 35	1 56	33 40	11 14	7 6	6 52	4 25			n.a.
F 3	12 13	28 25	4 48	14 19	0 50	20 28	1 2	21 26	2 2	24 25	0 37	20 37	1 22	9 33	0 46	7 36	1 56	33 39	11 14	7 5	6 51	4 28			n.a.
S 4	12 33	28 49	5 11	13 54	1 7	20 47	1 5	21 18	2 4	24 25	0 37	20 37	1 22	9 33	0 46	7 36	1 56	33 39	11 13	7 4	6 50	4 32			n.a.
S 5	12 53	27 30	5 16	13 29	1 24	21 6	1 7	21 9	2 6	24 26	0 37	20 36	1 22	9 32	0 46	7 37	1 56	33 39	11 13	7 4	6 49	4 35			n.a.
M 6	13 13	24 46	5 5	13 3	1 41	21 25	1 9	21 1	2 8	24 26	0 37	20 36	1 22	9 31	0 46	7 37	1 56	33 38	11 13	7 4	6 48	4 39			n.a.
T 7	13 32	20 55	4 40	12 37	1 57	21 43	1 11	20 53	2 9	24 26	0 37	20 36	1 23	9 30	0 46	7 37	1 56	33 38	11 13	7 4	6 46	4 42			n.a.
W 8	13 52	16 16	4 3	12 11	2 13	22 0	1 13	20 44	2 11	24 26	0 37	20 36	1 23	9 29	0 46	7 37	1 56	33 38	11 12	7 4	6 45	4 45			n.a.
T 9	14 11	11 4	3 15	11 46	2 28	22 17	1 15	20 35	2 13	24 26	0 37	20 35	1 23	9 29	0 46	7 38	1 56	33 37	11 12	7 5	6 44	4 49			n.a.
F 10	14 29	5 32	2 20	11 21	2 42	22 33	1 17	20 26	2 15	24 26	0 37	20 35	1 23	9 28	0 46	7 38	1 56	33 37	11 12	7 5	6 43	4 52			n.a.
S 11	14 48	0s 9	1 19	10 57	2 56	22 49	1 19	20 17	2 17	24 26	0 37	20 35	1 23	9 27	0 46	7 38	1 56	33 37	11 12	7 6	6 41	4 56			n.a.
S 12	15 6	5 50	0 15	10 35	3 8	23 3	1 21	20 8	2 18	24 26	0 37	20 35	1 24	9 26	0 46	7 39	1 56	33 36	11 11	7 6	6 40	4 59			n.a.
M13	15 24	11 20	0s50	10 14	3 19	23 18	1 23	19 59	2 20	24 26	0 37	20 34	1 24	9 26	0 46	7 39	1 56	33 36	11 11	7 6	6 39	5 3			n.a.
T 14	15 42	16 28	1 53	9 56	3 30	23 31	1 25	19 50	2 22	24 26	0 37	20 34	1 24	9 25	0 46	7 39	1 56	33 36	11 11	7 5	6 38	5 6			n.a.
W15	16 0	21 2	2 52	9 39	3 38	23 44	1 26	19 41	2 24	24 26	0 37	20 34	1 24	9 24	0 46	7 39	1 56	33 35	11 11	7 4	6 36	5 9			n.a.
T 16	16 17	24 46	3 44	9 25	3 46	23 56	1 28	19 31	2 26	24 26	0 37	20 34	1 25	9 24	0 46	7 40	1 56	33 35	11 10	7 3	6 35	5 13			n.a.
F 17	16 35	27 24	4 25	9 13	3 52	24 8	1 30	19 22	2 28	24 26	0 37	20 34	1 25	9 23	0 46	7 40	1 56	33 34	11 10	7 1	6 34	5 16			n.a.
S 18	16 51	28 43	4 55	9 4	3 57	24 19	1 31	19 12	2 29	24 26	0 37	20 34	1 25	9 22	0 46	7 40	1 56	33 34	11 10	7 0	6 33	5 20			n.a.
S 19	17 8	28 32	5 11	8 57	4 0	24 29	1 33	19 3	2 31	24 26	0 37	20 34	1 25	9 22	0 46	7 40	1 56	33 34	11 10	6 58	6 31	5 23			n.a.
M20	17 24	26 47	5 11	8 54	4 3	24 39	1 34	18 53	2 33	24 26	0 37	20 34	1 25	9 21	0 46	7 40	1 56	33 33	11 10	6 57	6 30	5 27			n.a.
T 21	17 40	23 31	4 55	8 53	4 4	24 47	1 36	18 43	2 35	24 26	0 37	20 34	1 26	9 21	0 46	7 40	1 56	33 33	11 9	6 56	6 29	5 30			n.a.
W22	17 56	18 56	4 22	8 54	4 4	24 55	1 37	18 34	2 37	24 26	0 37	20 34	1 26	9 20	0 46	7 41	1 55	33 32	11 9	6 56	6 28	5 33			n.a.
T 23	18 12	13 15	3 33	8 59	4 2	25 3	1 38	18 24	2 39	24 26	0 37	20 34	1 26	9 19	0 46	7 41	1 55	33 32	11 9	6 56	6 26	5 37			n.a.
F 24	18 27	6 47	2 30	9 6	4 0	25 9	1 40	18 14	2 41	24 26	0 37	20 34	1 26	9 19	0 46	7 41	1 55	33 32	11 9	6 57	6 25	5 40			n.a.
S 25	18 42	0n11	1 16	9 16	3 56	25 15	1 41	18 4	2 42	24 26	0 38	20 35	1 27	9 18	0 46	7 41	1 55	33 31	11 9	6 57	6 24	5 44			n.a.
S 26	18 57	7 14	0n 3	9 28	3 52	25 20	1 42	17 54	2 44	24 25	0 38	20 35	1 27	9 18	0 46	7 41	1 55	33 31	11 8	6 57	6 23	5 47			n.a.
M27	19 11	13 59	1 23	9 43	3 46	25 25	1 43	17 44	2 46	24 25	0 38	20 35	1 27	9 17	0 46	7 41	1 55	33 31	11 8	6 57	6 21	5 51			n.a.
T 28	19 25	19 56	2 38	10 0	3 40	25 29	1 44	17 34	2 48	24 25	0 38	20 35	1 27	9 17	0 46	7 41	1 55	33 30	11 8	6 56	6 20	5 54			n.a.
W29	19 39	24 37	3 41	10 20	3 32	25 32	1 45	17 24	2 50	24 25	0 38	20 35	1 27	9 16	0 46	7 41	1 55	33 30	11 8	6 54	6 19	5 57			n.a.
T 30	19 52	27 38	4 28	10 42	3 24	25 34	1 46	17 14	2 52	24 25	0 38	20 36	1 28	9 16	0 46	7 41	1 55	33 29	11 8	6 52	6 18	6 1			n.a.
F 31	20n 5	28n47	4n58	11n 6	3s16	25n35	1n46	17s 4	2s54	24n24	0n38	20s36	1s28	9s16	0s47	7n41	1n55	33n29	11n 7	6n50	6n17	6s 4			n.a.

Julian Day Number = 1352275.5, Delta T = 07h06m15s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'42, Lahiri = -17°54'41 Julian Calendar 1 May 1011 BCE == Greg. Calendar 21 Apr. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

JUNE 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 59	29♉13'06	15♋ 7	8♉12	0♋30	22♒47	3♋25	5°R33	8♓26	15°R11	18♋47	17°R 1	15♈39	15♎23	n.a.	S 1
S 2	16 1 55	0♊10'13	28°28	9° 9	1°42	23°23	3°37	5♒32	8°27	15♍11	18°48	16♈56	15°36	15°30	n.a.	S 2
M 3	16 5 52	1° 7'20	11♌23	10°10	2°53	23°58	3°49	5°32	8°28	15°10	18°50	16°53	15°33	15°36	n.a.	M 3
T 4	16 9 48	2° 4'26	23°56	11°16	4° 5	24°32	4° 1	5°31	8°29	15°10	18°51	16°51	15°30	15°43	n.a.	T 4
W 5	16 13 45	3° 1'33	6♍10	12°27	5°17	25° 7	4°13	5°30	8°30	15°10	18°53	16°D50	15°26	15°50	n.a.	W 5
T 6	16 17 42	3°58'40	18°10	13°42	6°29	25°41	4°25	5°29	8°31	15°D10	18°54	16°51	15°23	15°56	n.a.	T 6
F 7	16 21 38	4°55'48	0♎ 1	15° 1	7°40	26°15	4°37	5°28	8°32	15°10	18°56	16°53	15°20	16° 3	n.a.	F 7
S 8	16 25 35	5°52'55	11°49	16°24	8°52	26°49	4°50	5°27	8°33	15°10	18°57	16°R54	15°17	16°10	n.a.	S 8
S 9	16 29 31	6°50'03	23°37	17°51	10° 3	27°23	5° 2	5°26	8°33	15°10	18°59	16°53	15°14	16°16	n.a.	S 9
M10	16 33 28	7°47'11	5♏31	19°22	11°15	27°56	5°14	5°24	8°34	15°10	19° 0	16°52	15°11	16°23	n.a.	M10
T 11	16 37 24	8°44'20	17°33	20°58	12°26	28°29	5°27	5°23	8°35	15°11	19° 2	16°48	15° 7	16°29	n.a.	T 11
W12	16 41 21	9°41'29	29°46	22°37	13°37	29° 2	5°39	5°22	8°35	15°11	19° 4	16°41	15° 4	16°36	n.a.	W12
T 13	16 45 17	10°38'39	12♐12	24°19	14°49	29°34	5°51	5°20	8°36	15°11	19° 5	16°33	15° 1	16°43	n.a.	T 13
F 14	16 49 14	11°35'49	24°51	26° 5	16° 0	0♓ 7	6° 4	5°18	8°36	15°11	19° 7	16°24	14°58	16°49	n.a.	F 14
S 15	16 53 11	12°33'01	7♑43	27°55	17°11	0°39	6°16	5°16	8°37	15°11	19° 8	16°14	14°55	16°56	n.a.	S 15
S 16	16 57 7	13°30'13	20°48	29°47	18°22	1°10	6°29	5°15	8°37	15°12	19°10	16° 5	14°51	17° 3	n.a.	S 16
M17	17 1 4	14°27'26	4♒ 6	1♊42	19°34	1°41	6°42	5°13	8°38	15°12	19°12	15°58	14°48	17° 9	n.a.	M17
T 18	17 5 0	15°24'40	17°35	3°39	20°45	2°12	6°54	5°10	8°38	15°12	19°14	15°52	14°45	17°16	n.a.	T 18
W19	17 8 57	16°21'56	1♓16	5°39	21°56	2°43	7° 7	5° 8	8°38	15°13	19°15	15°49	14°42	17°23	n.a.	W19
T 20	17 12 53	17°19'12	15° 8	7°41	23° 7	3°13	7°20	5° 6	8°38	15°13	19°17	15°D48	14°39	17°29	n.a.	T 20
F 21	17 16 50	18°16'29	29°11	9°43	24°18	3°43	7°32	5° 4	8°39	15°14	19°19	15°49	14°36	17°36	n.a.	F 21
S 22	17 20 47	19°13'48	13♈26	11°48	25°28	4°13	7°45	5° 1	8°39	15°14	19°20	15°R49	14°32	17°43	n.a.	S 22
S 23	17 24 43	20°11'08	27°49	13°53	26°39	4°42	7°58	4°59	8°39	15°15	19°22	15°49	14°29	17°49	n.a.	S 23
M24	17 28 40	21° 8'30	12♉18	15°58	27°50	5°11	8°11	4°56	8°R39	15°15	19°24	15°46	14°26	17°56	n.a.	M24
T 25	17 32 36	22° 5'52	26°49	18° 4	29° 1	5°39	8°23	4°54	8°39	15°16	19°26	15°41	14°23	18° 3	n.a.	T 25
W26	17 36 33	23° 3'16	11♊16	20°10	0♌11	6° 7	8°36	4°51	8°39	15°16	19°28	15°34	14°20	18° 9	n.a.	W26
T 27	17 40 29	24° 0'41	25°34	22°15	1°22	6°35	8°49	4°48	8°39	15°17	19°29	15°24	14°17	18°16	n.a.	T 27
F 28	17 44 26	24°58'07	9♋35	24°20	2°33	7° 2	9° 2	4°45	8°38	15°18	19°31	15°13	14°13	18°22	n.a.	F 28
S 29	17 48 22	25°55'35	23°16	26°24	3°43	7°29	9°15	4°42	8°38	15°18	19°33	15° 2	14°10	18°29	n.a.	S 29
S 30	17 52 19	26♊53'03	6♌34	28♊27	4♌53	7♓55	9♋28	4♒39	8♓38	15♍19	19♋35	14♈53	14♈ 7	18♎36	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n18	28n 4	5n10	11n31	3s 6	25n36	1n47	16s54	2s56	24n24	0n38	20s36	1s28	9s15	0s47	7n41	1n55	33n29	11n 7	6n47	6n15	6s 8		n.a.
S 2	20 30	25 44	5 4	11 59	2 56	25 36	1 47	16 44	2 58	24 24	0 38	20 37	1 28	9 15	0 47	7 41	1 55	33 28	11 7	6 45	6 14	6 11		n.a.
M 3	20 43	22 9	4 42	12 29	2 46	25 35	1 48	16 34	3 0	24 24	0 38	20 37	1 29	9 15	0 47	7 41	1 55	33 28	11 7	6 44	6 13	6 14		n.a.
T 4	20 54	17 38	4 8	13 0	2 35	25 34	1 48	16 24	3 1	24 23	0 38	20 37	1 29	9 14	0 47	7 41	1 55	33 27	11 7	6 43	6 12	6 18		n.a.
W 5	21 6	12 31	3 22	13 32	2 24	25 31	1 49	16 13	3 3	24 23	0 38	20 38	1 29	9 14	0 47	7 41	1 55	33 27	11 7	6 43	6 10	6 21		n.a.
T 6	21 17	7 2	2 29	14 6	2 12	25 28	1 49	16 3	3 5	24 23	0 38	20 38	1 29	9 14	0 47	7 41	1 55	33 27	11 6	6 43	6 9	6 25		n.a.
F 7	21 27	1 22	1 30	14 41	2 0	25 24	1 49	15 53	3 7	24 22	0 38	20 39	1 29	9 13	0 47	7 41	1 55	33 26	11 6	6 44	6 8	6 28		n.a.
S 8	21 38	4s19	0 27	15 17	1 48	25 20	1 49	15 43	3 9	24 22	0 38	20 39	1 30	9 13	0 47	7 41	1 55	33 26	11 6	6 44	6 7	6 32		n.a.
S 9	21 48	9 52	0s36	15 54	1 35	25 15	1 49	15 33	3 11	24 21	0 38	20 40	1 30	9 13	0 47	7 41	1 54	33 26	11 6	6 44	6 5	6 35		n.a.
M10	21 57	15 7	1 39	16 32	1 22	25 9	1 49	15 23	3 13	24 21	0 38	20 40	1 30	9 13	0 47	7 41	1 54	33 25	11 6	6 44	6 4	6 38		n.a.
T 11	22 6	19 51	2 37	17 10	1 10	25 2	1 49	15 13	3 15	24 20	0 38	20 41	1 30	9 12	0 47	7 41	1 54	33 25	11 6	6 42	6 3	6 42		n.a.
W12	22 15	23 50	3 29	17 48	0 57	24 55	1 49	15 4	3 17	24 20	0 38	20 41	1 31	9 12	0 47	7 41	1 54	33 24	11 6	6 40	6 2	6 45		n.a.
T 13	22 24	26 47	4 13	18 26	0 44	24 47	1 48	14 54	3 19	24 19	0 38	20 42	1 31	9 12	0 47	7 41	1 54	33 24	11 5	6 36	6 0	6 49		n.a.
F 14	22 32	28 27	4 44	19 4	0 32	24 38	1 48	14 44	3 21	24 19	0 38	20 43	1 31	9 12	0 47	7 41	1 54	33 24	11 5	6 33	5 59	6 52		n.a.
S 15	22 40	28 36	5 2	19 42	0 19	24 28	1 48	14 34	3 23	24 18	0 38	20 43	1 31	9 12	0 47	7 40	1 54	33 23	11 5	6 29	5 58	6 55		n.a.
S 16	22 47	27 11	5 4	20 18	0 7	24 18	1 47	14 25	3 25	24 18	0 38	20 44	1 31	9 11	0 47	7 40	1 54	33 23	11 5	6 26	5 57	6 59		n.a.
M17	22 54	24 14	4 50	20 54	0n 5	24 7	1 46	14 15	3 27	24 17	0 38	20 45	1 32	9 11	0 47	7 40	1 54	33 22	11 5	6 23	5 55	7 2		n.a.
T 18	23 0	19 55	4 20	21 29	0 16	23 56	1 45	14 5	3 29	24 17	0 39	20 45	1 32	9 11	0 47	7 40	1 54	33 22	11 5	6 20	5 54	7 6		n.a.
W19	23 6	14 32	3 35	22 2	0 27	23 43	1 45	13 56	3 31	24 16	0 39	20 46	1 32	9 11	0 47	7 40	1 54	33 22	11 5	6 19	5 53	7 9		n.a.
T 20	23 12	8 20	2 36	22 33	0 37	23 30	1 44	13 46	3 33	24 15	0 39	20 47	1 32	9 11	0 47	7 39	1 54	33 21	11 5	6 19	5 52	7 12		n.a.
F 21	23 17	1 40	1 28	23 2	0 47	23 17	1 43	13 37	3 34	24 15	0 39	20 48	1 32	9 11	0 47	7 39	1 54	33 21	11 5	6 19	5 50	7 16		n.a.
S 22	23 22	5n11	0 13	23 29	0 56	23 3	1 42	13 28	3 36	24 14	0 39	20 49	1 33	9 11	0 47	7 39	1 54	33 21	11 4	6 19	5 49	7 19		n.a.
S 23	23 27	11 51	1n 4	23 53	1 4	22 48	1 40	13 19	3 38	24 13	0 39	20 49	1 33	9 11	0 47	7 39	1 54	33 20	11 4	6 19	5 48	7 23		n.a.
M24	23 31	17 56	2 16	24 16	1 12	22 32	1 39	13 10	3 40	24 12	0 39	20 50	1 33	9 11	0 47	7 38	1 54	33 20	11 4	6 18	5 47	7 26		n.a.
T 25	23 35	23 0	3 20	24 35	1 19	22 16	1 38	13 1	3 42	24 12	0 39	20 51	1 33	9 11	0 47	7 38	1 54	33 20	11 4	6 16	5 45	7 29		n.a.
W26	23 38	26 37	4 11	24 52	1 25	22 0	1 36	12 52	3 44	24 11	0 39	20 52	1 34	9 11	0 48	7 38	1 53	33 19	11 4	6 13	5 44	7 33		n.a.
T 27	23 41	28 29	4 45	25 6	1 31	21 42	1 35	12 44	3 46	24 10	0 39	20 53	1 34	9 11	0 48	7 38	1 53	33 19	11 4	6 9	5 43	7 36		n.a.
F 28	23 43	28 28	5 1	25 17	1 35	21 24	1 33	12 35	3 48	24 9	0 39	20 54	1 34	9 11	0 48	7 37	1 53	33 18	11 4	6 5	5 42	7 39		n.a.
S 29	23 45	26 41	4 59	25 25	1 39	21 6	1 31	12 27	3 50	24 8	0 39	20 55	1 34	9 12	0 48	7 37	1 53	33 18	11 4	6 1	5 40	7 43		n.a.
S 30	23n47	23n27	4n41	25n31	1n43	20n47	1n29	12s18	3s52	24n 8	0n39	20s56	1s34	9s12	0s48	7n37	1n53	33n18	11n 4	5n57	5n39	7s46		n.a.

Julian Day Number = 1352306.5, Delta T = 07h06m14s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'38, Lahiri = -17°54'37 Julian Calendar 1 June 1011 BCE == Greg. Calendar 22 May 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

JULY 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 56 16	27♊50'32	19♌28	0♋30	6♌ 4	8♓21	9♋41	4°R36	8°R38	15♍20	19♋37	14°R45	14♈ 4	18♎42	n.a.	M 1
T 2	18 0 12	28°48'02	2♍ 0	2°31	7°14	8°47	9°54	4♒32	8♓37	15°21	19°39	14♈40	14° 1	18°49	n.a.	T 2
W 3	18 4 9	29°45'33	14°14	4°31	8°24	9°12	10° 7	4°29	8°37	15°22	19°41	14°37	13°57	18°56	n.a.	W 3
T 4	18 8 5	0♋43'06	26°15	6°29	9°34	9°36	10°20	4°26	8°36	15°22	19°43	14°D36	13°54	19° 2	n.a.	T 4
F 5	18 12 2	1°40'39	8♎ 6	8°26	10°45	10° 0	10°33	4°22	8°36	15°23	19°44	14°R36	13°51	19° 9	n.a.	F 5
S 6	18 15 58	2°38'13	19°54	10°22	11°55	10°24	10°46	4°19	8°35	15°24	19°46	14°36	13°48	19°16	n.a.	S 6
S 7	18 19 55	3°35'49	1♏45	12°17	13° 4	10°47	10°59	4°15	8°35	15°25	19°48	14°35	13°45	19°22	n.a.	S 7
M 8	18 23 51	4°33'25	13°42	14°10	14°14	11°10	11°12	4°11	8°34	15°26	19°50	14°32	13°42	19°29	n.a.	M 8
T 9	18 27 48	5°31'03	25°51	16° 1	15°24	11°32	11°25	4° 8	8°33	15°27	19°52	14°27	13°38	19°36	n.a.	T 9
W10	18 31 45	6°28'43	8♐14	17°52	16°34	11°53	11°38	4° 4	8°33	15°28	19°54	14°18	13°35	19°42	n.a.	W10
T 11	18 35 41	7°26'23	20°54	19°40	17°43	12°14	11°51	4° 0	8°32	15°29	19°56	14° 8	13°32	19°49	n.a.	T 11
F 12	18 39 38	8°24'05	3♑52	21°28	18°53	12°34	12° 5	3°56	8°31	15°30	19°58	13°56	13°29	19°56	n.a.	F 12
S 13	18 43 34	9°21'49	17° 5	23°13	20° 2	12°54	12°18	3°52	8°30	15°31	20° 0	13°43	13°26	20° 2	n.a.	S 13
S 14	18 47 31	10°19'34	0♒34	24°58	21°12	13°13	12°31	3°48	8°29	15°33	20° 2	13°31	13°23	20° 9	n.a.	S 14
M15	18 51 27	11°17'21	14°14	26°41	22°21	13°32	12°44	3°44	8°28	15°34	20° 4	13°21	13°19	20°15	n.a.	M15
T 16	18 55 24	12°15'09	28° 4	28°23	23°30	13°50	12°57	3°40	8°27	15°35	20° 6	13°14	13°16	20°22	n.a.	T 16
W17	18 59 21	13°13'00	12♓ 0	0♌ 3	24°39	14° 8	13°10	3°36	8°26	15°36	20° 8	13° 9	13°13	20°29	n.a.	W17
T 18	19 3 17	14°10'52	26° 1	1°42	25°48	14°24	13°23	3°32	8°25	15°38	20°10	13° 7	13°10	20°35	n.a.	T 18
F 19	19 7 14	15° 8'46	10♈ 6	3°19	26°57	14°40	13°36	3°27	8°24	15°39	20°12	13° 7	13° 7	20°42	n.a.	F 19
S 20	19 11 10	16° 6'42	24°13	4°55	28° 6	14°56	13°50	3°23	8°23	15°40	20°14	13° 7	13° 3	20°49	n.a.	S 20
S 21	19 15 7	17° 4'41	8♉21	6°30	29°14	15°11	14° 3	3°19	8°22	15°41	20°16	13° 6	13° 0	20°55	n.a.	S 21
M22	19 19 3	18° 2'41	22°30	8° 4	0♍23	15°25	14°16	3°14	8°20	15°43	20°18	13° 3	12°57	21° 2	n.a.	M22
T 23	19 23 0	19° 0'44	6♊37	9°36	1°31	15°38	14°29	3°10	8°19	15°44	20°20	12°57	12°54	21° 9	n.a.	T 23
W24	19 26 56	19°58'48	20°39	11° 7	2°40	15°51	14°42	3° 6	8°18	15°46	20°22	12°48	12°51	21°15	n.a.	W24
T 25	19 30 53	20°56'55	4♋32	12°36	3°48	16° 2	14°55	3° 1	8°16	15°47	20°24	12°38	12°48	21°22	n.a.	T 25
F 26	19 34 50	21°55'03	18°13	14° 4	4°56	16°13	15° 8	2°57	8°15	15°49	20°26	12°25	12°44	21°29	n.a.	F 26
S 27	19 38 46	22°53'13	1♌37	15°31	6° 4	16°24	15°21	2°52	8°13	15°50	20°28	12°13	12°41	21°35	n.a.	S 27
S 28	19 42 43	23°51'25	14°43	16°57	7°12	16°33	15°34	2°47	8°12	15°52	20°30	12° 2	12°38	21°42	n.a.	S 28
M29	19 46 39	24°49'39	27°29	18°21	8°20	16°42	15°47	2°43	8°10	15°53	20°32	11°53	12°35	21°49	n.a.	M29
T 30	19 50 36	25°47'54	9♍57	19°43	9°28	16°50	16° 1	2°38	8° 9	15°55	20°34	11°47	12°32	21°55	n.a.	T 30
W31	19 54 32	26♋46'11	22♍ 9	21♌ 4	10♍35	16♓57	16♋14	2♒34	8♓ 7	15♍56	20♋36	11♈43	12♈29	22♎ 2	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n48	19n 9	4n 9	25n34	1n45	20n28	1n27	12s10	3s54	24n 7	0n39	20s57	1s34	9s12	0s48	7n36	1n53	33n17	11n 4	5n54	5n38	7s50		n.a.
T 2	23 49	14 7	3 26	25 35	1 47	20 8	1 25	12 2	3 56	24 6	0 39	20 58	1 35	9 12	0 48	7 36	1 53	33 17	11 4	5 52	5 37	7 53		n.a.
W 3	23 49	8 39	2 34	25 33	1 48	19 47	1 23	11 54	3 58	24 5	0 39	20 59	1 35	9 12	0 48	7 35	1 53	33 17	11 4	5 51	5 35	7 56		n.a.
T 4	23 49	2 59	1 36	25 28	1 49	19 26	1 21	11 47	4 0	24 4	0 40	21 0	1 35	9 12	0 48	7 35	1 53	33 16	11 4	5 51	5 34	8 0		n.a.
F 5	23 48	2s44	0 35	25 21	1 49	19 4	1 19	11 39	4 2	24 3	0 40	21 1	1 35	9 13	0 48	7 35	1 53	33 16	11 4	5 51	5 33	8 3		n.a.
S 6	23 47	8 20	0s28	25 12	1 48	18 42	1 16	11 32	4 4	24 2	0 40	21 2	1 35	9 13	0 48	7 34	1 53	33 16	11 4	5 51	5 32	8 6		n.a.
S 7	23 46	13 40	1 30	25 1	1 47	18 20	1 14	11 25	4 5	24 1	0 40	21 3	1 36	9 13	0 48	7 34	1 53	33 15	11 4	5 50	5 30	8 10		n.a.
M 8	23 44	18 33	2 28	24 48	1 45	17 57	1 11	11 18	4 7	24 0	0 40	21 4	1 36	9 13	0 48	7 33	1 53	33 15	11 4	5 49	5 29	8 13		n.a.
T 9	23 42	22 45	3 20	24 33	1 43	17 34	1 8	11 11	4 9	23 59	0 40	21 5	1 36	9 14	0 48	7 33	1 53	33 15	11 4	5 47	5 28	8 17		n.a.
W10	23 39	26 2	4 4	24 16	1 40	17 10	1 6	11 4	4 11	23 58	0 40	21 6	1 36	9 14	0 48	7 32	1 53	33 14	11 4	5 44	5 27	8 20		n.a.
T 11	23 36	28 6	4 36	23 57	1 37	16 46	1 3	10 58	4 13	23 57	0 40	21 7	1 36	9 14	0 48	7 32	1 53	33 14	11 4	5 39	5 25	8 23		n.a.
F 12	23 33	28 41	4 56	23 37	1 33	16 21	1 0	10 52	4 15	23 56	0 40	21 8	1 36	9 15	0 48	7 32	1 53	33 14	11 4	5 35	5 24	8 27		n.a.
S 13	23 29	27 40	5 0	23 15	1 29	15 56	0 57	10 45	4 17	23 54	0 40	21 9	1 37	9 15	0 48	7 31	1 53	33 13	11 4	5 30	5 23	8 30		n.a.
S 14	23 25	25 1	4 47	22 52	1 25	15 31	0 54	10 40	4 19	23 53	0 40	21 10	1 37	9 16	0 48	7 31	1 52	33 13	11 4	5 25	5 22	8 33		n.a.
M15	23 20	20 56	4 18	22 28	1 20	15 5	0 51	10 34	4 20	23 52	0 40	21 11	1 37	9 16	0 48	7 30	1 52	33 13	11 4	5 21	5 20	8 37		n.a.
T 16	23 15	15 40	3 34	22 2	1 15	14 39	0 47	10 29	4 22	23 51	0 40	21 13	1 37	9 16	0 48	7 30	1 52	33 13	11 4	5 18	5 19	8 40		n.a.
W17	23 9	9 34	2 36	21 35	1 9	14 12	0 44	10 23	4 24	23 50	0 41	21 14	1 37	9 17	0 48	7 29	1 52	33 12	11 4	5 16	5 18	8 43		n.a.
T 18	23 3	2 58	1 29	21 8	1 4	13 45	0 41	10 18	4 26	23 48	0 41	21 15	1 37	9 17	0 48	7 28	1 52	33 12	11 4	5 16	5 17	8 47		n.a.
F 19	22 57	3n49	0 16	20 39	0 57	13 18	0 37	10 14	4 28	23 47	0 41	21 16	1 37	9 18	0 48	7 28	1 52	33 12	11 4	5 15	5 15	8 50		n.a.
S 20	22 50	10 26	0n58	20 10	0 51	12 51	0 34	10 9	4 29	23 46	0 41	21 17	1 38	9 18	0 48	7 27	1 52	33 11	11 4	5 15	5 14	8 54		n.a.
S 21	22 42	16 33	2 9	19 39	0 44	12 23	0 30	10 5	4 31	23 45	0 41	21 18	1 38	9 19	0 48	7 27	1 52	33 11	11 4	5 15	5 13	8 57		n.a.
M22	22 35	21 47	3 12	19 8	0 37	11 55	0 26	10 1	4 33	23 43	0 41	21 19	1 38	9 19	0 48	7 26	1 52	33 11	11 4	5 14	5 12	9 0		n.a.
T 23	22 27	25 45	4 3	18 37	0 30	11 27	0 22	9 57	4 34	23 42	0 41	21 21	1 38	9 20	0 48	7 26	1 52	33 11	11 4	5 12	5 10	9 4		n.a.
W24	22 18	28 7	4 39	18 5	0 23	10 58	0 18	9 54	4 36	23 41	0 41	21 22	1 38	9 20	0 48	7 25	1 52	33 10	11 4	5 8	5 9	9 7		n.a.
T 25	22 9	28 42	4 58	17 32	0 15	10 30	0 15	9 51	4 38	23 39	0 41	21 23	1 38	9 21	0 49	7 24	1 52	33 10	11 4	5 4	5 8	9 10		n.a.
F 26	22 0	27 30	4 59	16 59	0 8	10 1	0 11	9 48	4 39	23 38	0 41	21 24	1 38	9 21	0 49	7 24	1 52	33 10	11 4	4 59	5 7	9 14		n.a.
S 27	21 50	24 43	4 44	16 26	0s 0	9 32	0 6	9 45	4 41	23 36	0 42	21 25	1 38	9 22	0 49	7 23	1 52	33 10	11 4	4 54	5 5	9 17		n.a.
S 28	21 40	20 43	4 14	15 52	0 8	9 2	0 2	9 43	4 42	23 35	0 42	21 27	1 39	9 23	0 49	7 22	1 52	33 9	11 4	4 50	5 4	9 20		n.a.
M29	21 30	15 50	3 32	15 18	0 17	8 33	0s 2	9 40	4 44	23 33	0 42	21 28	1 39	9 23	0 49	7 22	1 52	33 9	11 4	4 46	5 3	9 24		n.a.
T 30	21 19	10 25	2 40	14 44	0 25	8 3	0 6	9 39	4 45	23 32	0 42	21 29	1 39	9 24	0 49	7 21	1 52	33 9	11 5	4 44	5 2	9 27		n.a.
W31	21n 8	4n43	1n42	14n10	0s34	7n33	0s11	9s37	4s47	23n30	0n42	21s30	1s39	9s24	0s49	7n20	1n52	33n 9	11n 5	4n42	5n 0	9s30		n.a.

Julian Day Number = 1352336.5, Delta T = 07h06m12s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'33, Lahiri = -17°54'33 Julian Calendar 1 July 1011 BCE == Greg. Calendar 21 June 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

AUGUST 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 58 29	27♋44'30	4♎ 8	22♌24	11♍43	17♓ 4	16♋27	2°R29	8°R 5	15♍58	20♋38	11°R41	12♈25	22♎ 8	n.a.	T 1
F 2	20 2 25	28°42'51	15°59	23°42	12°50	17° 9	16°40	2♒24	8♓ 4	16° 0	20°40	11°D41	12°22	22°15	n.a.	F 2
S 3	20 6 22	29°41'13	27°47	24°58	13°57	17°14	16°52	2°20	8° 2	16° 1	20°42	11°R41	12°19	22°22	n.a.	S 3
S 4	20 10 18	0♌39'37	9♏38	26°13	15° 4	17°17	17° 5	2°15	8° 0	16° 3	20°44	11♈41	12°16	22°28	n.a.	S 4
M 5	20 14 15	1°38'03	21°36	27°26	16°11	17°20	17°18	2°10	7°58	16° 5	20°46	11°39	12°13	22°35	n.a.	M 5
T 6	20 18 12	2°36'30	3♐48	28°37	17°18	17°23	17°31	2° 6	7°56	16° 6	20°48	11°35	12° 9	22°42	n.a.	T 6
W 7	20 22 8	3°34'59	16°17	29°46	18°24	17°24	17°44	2° 1	7°55	16° 8	20°50	11°28	12° 6	22°48	n.a.	W 7
T 8	20 26 5	4°33'31	29° 6	0♍54	19°30	17°R24	17°57	1°57	7°53	16°10	20°52	11°20	12° 3	22°55	n.a.	T 8
F 9	20 30 1	5°32'04	12♑17	1°59	20°37	17°24	18°10	1°52	7°51	16°12	20°54	11° 9	12° 0	23° 2	n.a.	F 9
S 10	20 33 58	6°30'39	25°49	3° 2	21°43	17°22	18°23	1°47	7°49	16°13	20°56	10°59	11°57	23° 8	n.a.	S 10
S 11	20 37 54	7°29'16	9♒40	4° 2	22°49	17°20	18°35	1°43	7°47	16°15	20°57	10°48	11°54	23°15	n.a.	S 11
M12	20 41 51	8°27'55	23°46	5° 0	23°54	17°17	18°48	1°38	7°45	16°17	20°59	10°40	11°50	23°22	n.a.	M12
T 13	20 45 47	9°26'36	8♓ 2	5°55	25° 0	17°13	19° 1	1°33	7°43	16°19	21° 1	10°33	11°47	23°28	n.a.	T 13
W14	20 49 44	10°25'20	22°22	6°47	26° 5	17° 8	19°14	1°29	7°41	16°21	21° 3	10°30	11°44	23°35	n.a.	W14
T 15	20 53 41	11°24'05	6♈43	7°36	27°10	17° 2	19°26	1°24	7°39	16°23	21° 5	10°D28	11°41	23°42	n.a.	T 15
F 16	20 57 37	12°22'53	21° 0	8°21	28°15	16°56	19°39	1°20	7°37	16°25	21° 7	10°29	11°38	23°48	n.a.	F 16
S 17	21 1 34	13°21'44	5♉12	9° 3	29°20	16°48	19°51	1°15	7°34	16°27	21° 9	10°29	11°34	23°55	n.a.	S 17
S 18	21 5 30	14°20'37	19°17	9°41	0♎24	16°40	20° 4	1°11	7°32	16°29	21°11	10°R29	11°31	24° 1	n.a.	S 18
M19	21 9 27	15°19'33	3♊14	10°14	1°29	16°30	20°16	1° 6	7°30	16°31	21°13	10°28	11°28	24° 8	n.a.	M19
T 20	21 13 23	16°18'31	17° 2	10°42	2°33	16°20	20°29	1° 2	7°28	16°33	21°14	10°24	11°25	24°15	n.a.	T 20
W21	21 17 20	17°17'31	0♋41	11° 6	3°37	16° 9	20°41	0°58	7°26	16°35	21°16	10°18	11°22	24°21	n.a.	W21
T 22	21 21 16	18°16'34	14° 9	11°24	4°40	15°58	20°54	0°53	7°23	16°37	21°18	10°11	11°19	24°28	n.a.	T 22
F 23	21 25 13	19°15'39	27°24	11°36	5°44	15°45	21° 6	0°49	7°21	16°39	21°20	10° 2	11°15	24°35	n.a.	F 23
S 24	21 29 10	20°14'47	10♌26	11°R42	6°47	15°32	21°18	0°45	7°19	16°41	21°22	9°53	11°12	24°41	n.a.	S 24
S 25	21 33 6	21°13'57	23°14	11°41	7°50	15°18	21°30	0°40	7°16	16°43	21°24	9°44	11° 9	24°48	n.a.	S 25
M26	21 37 3	22°13'08	5♍47	11°33	8°52	15° 3	21°43	0°36	7°14	16°45	21°25	9°38	11° 6	24°55	n.a.	M26
T 27	21 40 59	23°12'22	18° 5	11°18	9°55	14°48	21°55	0°32	7°12	16°47	21°27	9°33	11° 3	25° 1	n.a.	T 27
W28	21 44 56	24°11'38	0♎11	10°55	10°57	14°32	22° 7	0°28	7° 9	16°49	21°29	9°31	11° 0	25° 8	n.a.	W28
T 29	21 48 52	25°10'56	12° 7	10°24	11°59	14°15	22°19	0°24	7° 7	16°51	21°31	9°D30	10°56	25°15	n.a.	T 29
F 30	21 52 49	26°10'16	23°56	9°45	13° 0	13°58	22°31	0°20	7° 5	16°53	21°32	9°31	10°53	25°21	n.a.	F 30
S 31	21 56 45	27♌ 9'37	5♏43	8♍58	14♎ 1	13♓40	22♋43	0♒16	7♓ 2	16♍55	21♋34	9♈33	10♈50	25♎28	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n56	1s 3	0n40	13n36	0s42	7n 3	0s15	9s36	4s48	23n29	0n42	21s31	1s39	9s25	0s49	7n20	1n52	33n 8	11n 5	4n42	4n59	9s34			n.a.
F 2	20 45	6 44	0s23	13 2	0 51	6 33	0 20	9 35	4 50	23 27	0 42	21 32	1 39	9 26	0 49	7 19	1 52	33 8	11 5	4 41	4 58	9 37			n.a.
S 3	20 32	12 10	1 25	12 28	1 0	6 2	0 24	9 34	4 51	23 26	0 42	21 34	1 39	9 26	0 49	7 18	1 52	33 8	11 5	4 42	4 56	9 40			n.a.
S 4	20 20	17 11	2 23	11 54	1 8	5 32	0 29	9 34	4 52	23 24	0 42	21 35	1 39	9 27	0 49	7 18	1 52	33 8	11 5	4 41	4 55	9 44			n.a.
M 5	20 7	21 36	3 16	11 21	1 17	5 1	0 33	9 34	4 53	23 23	0 42	21 36	1 39	9 28	0 49	7 17	1 51	33 8	11 5	4 41	4 54	9 47			n.a.
T 6	19 53	25 10	4 0	10 48	1 26	4 31	0 38	9 34	4 54	23 21	0 43	21 37	1 39	9 29	0 49	7 16	1 51	33 7	11 5	4 39	4 53	9 50			n.a.
W 7	19 40	27 39	4 35	10 15	1 35	4 0	0 43	9 34	4 55	23 20	0 43	21 38	1 39	9 29	0 49	7 16	1 51	33 7	11 6	4 36	4 51	9 54			n.a.
T 8	19 25	28 45	4 56	9 43	1 44	3 29	0 48	9 35	4 56	23 18	0 43	21 39	1 40	9 30	0 49	7 15	1 51	33 7	11 6	4 33	4 50	9 57			n.a.
F 9	19 11	28 16	5 3	9 11	1 53	2 58	0 53	9 36	4 57	23 16	0 43	21 40	1 40	9 31	0 49	7 14	1 51	33 7	11 6	4 29	4 49	10 0			n.a.
S 10	18 56	26 7	4 53	8 40	2 2	2 27	0 58	9 37	4 58	23 15	0 43	21 42	1 40	9 32	0 49	7 13	1 51	33 7	11 6	4 25	4 48	10 4			n.a.
S 11	18 41	22 22	4 26	8 10	2 10	1 56	1 3	9 39	4 59	23 13	0 43	21 43	1 40	9 32	0 49	7 13	1 51	33 6	11 6	4 20	4 46	10 7			n.a.
M12	18 26	17 18	3 42	7 41	2 19	1 26	1 8	9 41	5 0	23 11	0 43	21 44	1 40	9 33	0 49	7 12	1 51	33 6	11 6	4 17	4 45	10 10			n.a.
T 13	18 10	11 13	2 44	7 12	2 27	0 55	1 13	9 43	5 0	23 10	0 43	21 45	1 40	9 34	0 49	7 11	1 51	33 6	11 6	4 15	4 44	10 13			n.a.
W14	17 54	4 32	1 35	6 45	2 36	0 24	1 18	9 45	5 1	23 8	0 44	21 46	1 40	9 35	0 49	7 10	1 51	33 6	11 7	4 13	4 43	10 17			n.a.
T 15	17 38	2n24	0 20	6 20	2 44	0s 7	1 23	9 48	5 1	23 6	0 44	21 47	1 40	9 36	0 49	7 10	1 51	33 6	11 7	4 13	4 41	10 20			n.a.
F 16	17 21	9 11	0n56	5 55	2 52	0 38	1 28	9 51	5 1	23 5	0 44	21 48	1 40	9 36	0 49	7 9	1 51	33 6	11 7	4 13	4 40	10 23			n.a.
S 17	17 4	15 29	2 9	5 32	2 59	1 9	1 33	9 54	5 2	23 3	0 44	21 49	1 40	9 37	0 49	7 8	1 51	33 6	11 7	4 13	4 39	10 27			n.a.
S 18	16 47	20 54	3 13	5 11	3 6	1 40	1 38	9 58	5 2	23 1	0 44	21 50	1 40	9 38	0 49	7 7	1 51	33 5	11 7	4 13	4 38	10 30			n.a.
M19	16 30	25 8	4 4	4 52	3 13	2 11	1 44	10 1	5 2	22 59	0 44	21 51	1 40	9 39	0 49	7 6	1 51	33 5	11 8	4 12	4 36	10 33			n.a.
T 20	16 12	27 51	4 41	4 36	3 20	2 41	1 49	10 5	5 2	22 58	0 44	21 52	1 40	9 40	0 49	7 6	1 51	33 5	11 8	4 11	4 35	10 37			n.a.
W21	15 54	28 51	5 2	4 21	3 26	3 12	1 54	10 10	5 2	22 56	0 44	21 53	1 40	9 41	0 49	7 5	1 51	33 5	11 8	4 9	4 34	10 40			n.a.
T 22	15 35	28 7	5 6	4 10	3 31	3 42	1 59	10 14	5 1	22 54	0 45	21 54	1 40	9 41	0 49	7 4	1 51	33 5	11 8	4 5	4 33	10 43			n.a.
F 23	15 17	25 47	4 53	4 1	3 35	4 13	2 5	10 19	5 1	22 52	0 45	21 55	1 40	9 42	0 49	7 3	1 51	33 5	11 8	4 2	4 31	10 46			n.a.
S 24	14 58	22 8	4 24	3 55	3 39	4 43	2 10	10 23	5 0	22 50	0 45	21 56	1 40	9 43	0 49	7 2	1 51	33 5	11 9	3 58	4 30	10 50			n.a.
S 25	14 39	17 30	3 43	3 53	3 41	5 13	2 15	10 28	5 0	22 49	0 45	21 57	1 40	9 44	0 49	7 1	1 51	33 5	11 9	3 55	4 29	10 53			n.a.
M26	14 19	12 12	2 52	3 55	3 43	5 43	2 21	10 33	4 59	22 47	0 45	21 58	1 40	9 45	0 49	7 1	1 51	33 5	11 9	3 52	4 28	10 56			n.a.
T 27	14 0	6 31	1 53	4 1	3 43	6 13	2 26	10 39	4 58	22 45	0 45	21 59	1 40	9 46	0 49	7 0	1 51	33 5	11 9	3 51	4 26	10 59			n.a.
W28	13 40	0 42	0 50	4 11	3 42	6 43	2 31	10 44	4 57	22 43	0 45	22 0	1 40	9 47	0 49	6 59	1 51	33 5	11 10	3 50	4 25	11 3			n.a.
T 29	13 20	5s 5	0s14	4 25	3 39	7 12	2 37	10 49	4 56	22 41	0 46	22 1	1 40	9 48	0 49	6 58	1 51	33 5	11 10	3 49	4 24	11 6			n.a.
F 30	13 0	10 38	1 18	4 44	3 34	7 42	2 42	10 55	4 54	22 39	0 46	22 2	1 40	9 49	0 49	6 57	1 51	33 4	11 10	3 50	4 22	11 9			n.a.
S 31	12n39	15s48	2s18	5n 7	3s28	8s11	2s47	11s 1	4s53	22n38	0n46	22s 3	1s40	9s49	0s49	6n56	1n51	33n 4	11n10	3n50	4n21	11s13			n.a.

Julian Day Number = 1352367.5, Delta T = 07h06m11s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'29, Lahiri = -17°54'29 Julian Calendar 1 Aug. 1011 BCE == Greg. Calendar 22 July 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

SEPTEMBER 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 0 42	28♌ 9'01	17♏33	8°R 4	15♎ 2	13°R22	22♋54	0°R12	7°R 0	16♍58	21♋36	9♈34	10♈47	25♎35	n.a.	S 1
M 2	22 4 38	29° 8'27	29°30	7♍ 4	16° 2	13♓ 3	23° 6	0♒ 9	6♓57	17° 0	21°37	9°R35	10°44	25°41	n.a.	M 2
T 3	22 8 35	0♍ 7'55	11♐41	5°59	17° 3	12°44	23°18	0° 5	6°55	17° 2	21°39	9°34	10°40	25°48	n.a.	T 3
W 4	22 12 32	1° 7'24	24° 9	4°49	18° 2	12°25	23°30	0° 1	6°53	17° 4	21°41	9°31	10°37	25°55	n.a.	W 4
T 5	22 16 28	2° 6'56	7♑ 0	3°38	19° 2	12° 5	23°41	29♑58	6°50	17° 6	21°42	9°27	10°34	26° 1	n.a.	T 5
F 6	22 20 25	3° 6'29	20°14	2°26	20° 1	11°45	23°53	29°54	6°48	17° 8	21°44	9°22	10°31	26° 8	n.a.	F 6
S 7	22 24 21	4° 6'05	3♒55	1°15	20°59	11°25	24° 4	29°51	6°45	17°11	21°45	9°17	10°28	26°14	n.a.	S 7
S 8	22 28 18	5° 5'42	17°59	0° 8	21°57	11° 5	24°16	29°47	6°43	17°13	21°47	9°11	10°25	26°21	n.a.	S 8
M 9	22 32 14	6° 5'22	2♓24	29♌ 7	22°55	10°44	24°27	29°44	6°40	17°15	21°49	9° 6	10°21	26°28	n.a.	M 9
T 10	22 36 11	7° 5'03	17° 3	28°13	23°52	10°24	24°38	29°41	6°38	17°17	21°50	9° 3	10°18	26°34	n.a.	T 10
W11	22 40 7	8° 4'46	1♈49	27°28	24°49	10° 4	24°49	29°38	6°36	17°19	21°52	9° 2	10°15	26°41	n.a.	W11
T 12	22 44 4	9° 4'32	16°36	26°53	25°45	9°43	25° 0	29°35	6°33	17°22	21°53	9°D 2	10°12	26°48	n.a.	T 12
F 13	22 48 0	10° 4'20	1♉16	26°29	26°41	9°23	25°11	29°32	6°31	17°24	21°55	9° 3	10° 9	26°54	n.a.	F 13
S 14	22 51 57	11° 4'11	15°45	26°16	27°36	9° 3	25°22	29°29	6°28	17°26	21°56	9° 4	10° 6	27° 1	n.a.	S 14
S 15	22 55 54	12° 4'04	29°59	26°D14	28°31	8°43	25°33	29°26	6°26	17°28	21°57	9° 6	10° 2	27° 8	n.a.	S 15
M16	22 59 50	13° 3'59	13♊56	26°24	29°25	8°23	25°44	29°23	6°23	17°31	21°59	9°R 6	9°59	27°14	n.a.	M16
T 17	23 3 47	14° 3'57	27°37	26°44	0♏19	8° 4	25°55	29°21	6°21	17°33	22° 0	9° 5	9°56	27°21	n.a.	T 17
W18	23 7 43	15° 3'57	11♋ 1	27°14	1°12	7°45	26° 5	29°18	6°19	17°35	22° 2	9° 3	9°53	27°28	n.a.	W18
T 19	23 11 40	16° 4'00	24°10	27°53	2° 4	7°26	26°16	29°16	6°16	17°37	22° 3	9° 1	9°50	27°34	n.a.	T 19
F 20	23 15 36	17° 4'04	7♌ 3	28°41	2°56	7° 8	26°26	29°13	6°14	17°40	22° 4	8°57	9°46	27°41	n.a.	F 20
S 21	23 19 33	18° 4'11	19°44	29°36	3°47	6°50	26°37	29°11	6°11	17°42	22° 5	8°54	9°43	27°48	n.a.	S 21
S 22	23 23 29	19° 4'20	2♍12	0♍38	4°37	6°33	26°47	29° 9	6° 9	17°44	22° 7	8°51	9°40	27°54	n.a.	S 22
M23	23 27 26	20° 4'31	14°28	1°45	5°27	6°16	26°57	29° 7	6° 7	17°46	22° 8	8°48	9°37	28° 1	n.a.	M23
T 24	23 31 23	21° 4'44	26°35	2°58	6°15	6° 0	27° 7	29° 5	6° 4	17°49	22° 9	8°47	9°34	28° 8	n.a.	T 24
W25	23 35 19	22° 4'59	8♎33	4°15	7° 3	5°44	27°17	29° 3	6° 2	17°51	22°10	8°D46	9°31	28°14	n.a.	W25
T 26	23 39 16	23° 5'15	20°25	5°36	7°51	5°29	27°27	29° 1	6° 0	17°53	22°11	8°47	9°27	28°21	n.a.	T 26
F 27	23 43 12	24° 5'34	2♏12	7° 0	8°37	5°15	27°37	29° 0	5°57	17°55	22°13	8°48	9°24	28°28	n.a.	F 27
S 28	23 47 9	25° 5'54	13°59	8°27	9°22	5° 1	27°47	28°58	5°55	17°57	22°14	8°49	9°21	28°34	n.a.	S 28
S 29	23 51 5	26° 6'16	25°49	9°55	10° 7	4°48	27°56	28°56	5°53	18° 0	22°15	8°50	9°18	28°41	n.a.	S 29
M30	23 55 2	27♍ 6'39	7♐45	11♍26	10♏50	4♓36	28♋ 6	28♑55	5♓51	18♍ 2	22♋16	8♈51	9♈15	28♎47	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n18	20s24	3s12	5n35	3s20	8s40	2s53	11s 6	4s51	22n36	0n46	22s 3	1s40	9s50	0s49	6n55	1n51	33n 4	11n11	3n51	4n20	11s16		n.a.
M 2	11 57	24 15	3 59	6 7	3 10	9 8	2 58	11 12	4 50	22 34	0 46	22 4	1 40	9 51	0 49	6 55	1 51	33 4	11 11	3 51	4 19	11 19		n.a.
T 3	11 36	27 5	4 35	6 43	2 57	9 37	3 3	11 18	4 48	22 32	0 46	22 5	1 40	9 52	0 49	6 54	1 51	33 4	11 11	3 51	4 17	11 22		n.a.
W 4	11 15	28 41	5 0	7 22	2 43	10 5	3 9	11 24	4 46	22 30	0 47	22 6	1 40	9 53	0 49	6 53	1 51	33 4	11 11	3 50	4 16	11 26		n.a.
T 5	10 53	28 48	5 11	8 3	2 27	10 33	3 14	11 29	4 44	22 28	0 47	22 7	1 40	9 54	0 49	6 52	1 51	33 4	11 12	3 48	4 15	11 29		n.a.
F 6	10 31	27 18	5 6	8 46	2 10	11 0	3 19	11 35	4 41	22 26	0 47	22 7	1 40	9 55	0 49	6 51	1 51	33 4	11 12	3 46	4 14	11 32		n.a.
S 7	10 10	24 10	4 43	9 29	1 51	11 28	3 24	11 41	4 39	22 24	0 47	22 8	1 40	9 56	0 49	6 50	1 51	33 4	11 12	3 44	4 12	11 35		n.a.
S 8	9 47	19 32	4 3	10 11	1 31	11 55	3 29	11 46	4 36	22 23	0 47	22 9	1 40	9 57	0 49	6 49	1 51	33 4	11 13	3 42	4 11	11 39		n.a.
M 9	9 25	13 41	3 7	10 52	1 11	12 21	3 34	11 52	4 34	22 21	0 47	22 9	1 40	9 58	0 49	6 48	1 51	33 4	11 13	3 40	4 10	11 42		n.a.
T 10	9 3	7 0	1 57	11 30	0 50	12 48	3 39	11 57	4 31	22 19	0 48	22 10	1 40	9 59	0 49	6 48	1 51	33 4	11 13	3 39	4 9	11 45		n.a.
W11	8 40	0n 8	0 39	12 4	0 30	13 14	3 44	12 2	4 28	22 17	0 48	22 11	1 40	9 59	0 49	6 47	1 51	33 4	11 14	3 38	4 7	11 48		n.a.
T 12	8 18	7 16	0n41	12 35	0 11	13 39	3 49	12 7	4 25	22 15	0 48	22 11	1 40	10 0	0 49	6 46	1 51	33 4	11 14	3 38	4 6	11 52		n.a.
F 13	7 55	13 57	1 59	13 1	0n 8	14 5	3 54	12 12	4 22	22 13	0 48	22 12	1 40	10 1	0 49	6 45	1 51	33 5	11 14	3 38	4 5	11 55		n.a.
S 14	7 32	19 48	3 8	13 21	0 25	14 29	3 59	12 17	4 19	22 11	0 48	22 12	1 40	10 2	0 49	6 44	1 51	33 5	11 14	3 39	4 3	11 58		n.a.
S 15	7 9	24 26	4 4	13 37	0 42	14 54	4 4	12 22	4 15	22 9	0 48	22 13	1 40	10 3	0 49	6 43	1 51	33 5	11 15	3 40	4 2	12 1		n.a.
M16	6 45	27 33	4 45	13 48	0 56	15 18	4 8	12 26	4 12	22 8	0 49	22 14	1 40	10 4	0 49	6 42	1 51	33 5	11 15	3 40	4 1	12 5		n.a.
T 17	6 22	28 56	5 8	13 53	1 10	15 42	4 13	12 30	4 8	22 6	0 49	22 14	1 40	10 5	0 49	6 41	1 51	33 5	11 15	3 39	4 0	12 8		n.a.
W18	5 58	28 34	5 14	13 54	1 21	16 5	4 17	12 34	4 5	22 4	0 49	22 15	1 40	10 6	0 49	6 40	1 51	33 5	11 16	3 39	3 58	12 11		n.a.
T 19	5 35	26 36	5 4	13 50	1 32	16 28	4 22	12 38	4 1	22 2	0 49	22 15	1 40	10 7	0 49	6 40	1 51	33 5	11 16	3 38	3 57	12 14		n.a.
F 20	5 11	23 16	4 38	13 41	1 40	16 50	4 26	12 41	3 57	22 0	0 49	22 15	1 40	10 8	0 49	6 39	1 51	33 5	11 16	3 36	3 56	12 17		n.a.
S 21	4 47	18 54	3 59	13 28	1 48	17 12	4 30	12 45	3 54	21 58	0 49	22 16	1 39	10 9	0 49	6 38	1 51	33 5	11 17	3 35	3 55	12 21		n.a.
S 22	4 23	13 47	3 8	13 11	1 54	17 33	4 35	12 48	3 50	21 57	0 50	22 16	1 39	10 9	0 49	6 37	1 51	33 5	11 17	3 34	3 53	12 24		n.a.
M23	3 59	8 12	2 10	12 51	1 58	17 54	4 39	12 50	3 46	21 55	0 50	22 17	1 39	10 10	0 49	6 36	1 51	33 5	11 18	3 33	3 52	12 27		n.a.
T 24	3 35	2 24	1 7	12 28	2 2	18 15	4 42	12 53	3 42	21 53	0 50	22 17	1 39	10 11	0 49	6 35	1 51	33 6	11 18	3 32	3 51	12 30		n.a.
W25	3 11	3s25	0 1	12 2	2 4	18 35	4 46	12 55	3 38	21 51	0 50	22 17	1 39	10 12	0 49	6 34	1 51	33 6	11 18	3 32	3 50	12 33		n.a.
T 26	2 47	9 5	1s 4	11 33	2 6	18 54	4 50	12 57	3 34	21 49	0 50	22 18	1 39	10 13	0 49	6 33	1 51	33 6	11 19	3 32	3 48	12 37		n.a.
F 27	2 23	14 24	2 6	11 2	2 6	19 13	4 53	12 58	3 30	21 48	0 51	22 18	1 39	10 14	0 49	6 33	1 51	33 6	11 19	3 32	3 47	12 40		n.a.
S 28	1 59	19 12	3 3	10 29	2 6	19 31	4 57	13 0	3 25	21 46	0 51	22 18	1 39	10 15	0 49	6 32	1 51	33 6	11 19	3 33	3 46	12 43		n.a.
S 29	1 34	23 16	3 52	9 54	2 5	19 49	5 0	13 1	3 21	21 44	0 51	22 18	1 39	10 15	0 49	6 31	1 51	33 6	11 20	3 33	3 44	12 46		n.a.
M30	1n10	26s25	4s32	9n17	2n 4	20s 6	5s 3	13s 1	3s17	21n42	0n51	22s19	1s39	10s16	0s49	6n30	1n51	33n 7	11n20	3n34	3n43	12s49		n.a.

Julian Day Number = 1352398.5, Delta T = 07h06m09s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'25, Lahiri = -17°54'25 Julian Calendar 1 Sept. 1011 BCE == Greg. Calendar 22 Aug. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

OCTOBER 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 58 58	28♍ 7'04	19♐54	12♍58	11♏33	4°R25	28♋15	28°R54	5°R48	18♍ 4	22♋17	8♈52	9♈11	28♎54	n.a.	T 1
W 2	0 2 55	29° 7'31	2♑18	14°31	12°14	4♓14	28°24	28♑53	5♓46	18° 6	22°18	8°R52	9° 8	29° 1	n.a.	W 2
T 3	0 6 52	0♎ 7'59	15° 3	16° 6	12°54	4° 5	28°33	28°52	5°44	18° 9	22°19	8°52	9° 5	29° 7	n.a.	T 3
F 4	0 10 48	1° 8'29	28°12	17°41	13°33	3°56	28°42	28°51	5°42	18°11	22°20	8°51	9° 2	29°14	n.a.	F 4
S 5	0 14 45	2° 9'00	11♒48	19°16	14°11	3°48	28°51	28°50	5°40	18°13	22°21	8°50	8°59	29°21	n.a.	S 5
S 6	0 18 41	3° 9'33	25°51	20°52	14°48	3°40	29° 0	28°49	5°38	18°15	22°22	8°50	8°56	29°27	n.a.	S 6
M 7	0 22 38	4°10'07	10♓19	22°28	15°23	3°34	29° 9	28°48	5°36	18°17	22°22	8°49	8°52	29°34	n.a.	M 7
T 8	0 26 34	5°10'42	25° 9	24° 5	15°57	3°28	29°17	28°48	5°34	18°20	22°23	8°49	8°49	29°41	n.a.	T 8
W 9	0 30 31	6°11'19	10♈13	25°41	16°29	3°23	29°26	28°47	5°32	18°22	22°24	8°D49	8°46	29°47	n.a.	W 9
T 10	0 34 27	7°11'58	25°21	27°18	17° 0	3°19	29°34	28°47	5°30	18°24	22°25	8°49	8°43	29°54	n.a.	T 10
F 11	0 38 24	8°12'38	10♉25	28°54	17°30	3°16	29°42	28°47	5°28	18°26	22°26	8°49	8°40	0♏ 1	n.a.	F 11
S 12	0 42 20	9°13'20	25°17	0♊30	17°58	3°13	29°50	28°47	5°26	18°28	22°26	8°R49	8°37	0° 7	n.a.	S 12
S 13	0 46 17	10°14'04	9♊50	2° 7	18°24	3°12	29°58	28°D47	5°24	18°30	22°27	8°49	8°33	0°14	n.a.	S 13
M14	0 50 14	11°14'50	24° 0	3°43	18°48	3°11	0♌ 6	28°47	5°22	18°32	22°28	8°48	8°30	0°21	n.a.	M14
T 15	0 54 10	12°15'38	7♋45	5°19	19°11	3°D11	0°13	28°47	5°20	18°34	22°28	8°D48	8°27	0°27	n.a.	T 15
W16	0 58 7	13°16'27	21° 7	6°55	19°32	3°11	0°21	28°47	5°18	18°37	22°29	8°48	8°24	0°34	n.a.	W16
T 17	1 2 3	14°17'18	4♌ 6	8°31	19°51	3°13	0°28	28°48	5°17	18°39	22°29	8°49	8°21	0°41	n.a.	T 17
F 18	1 6 0	15°18'11	16°47	10° 6	20° 7	3°15	0°36	28°48	5°15	18°41	22°30	8°49	8°17	0°47	n.a.	F 18
S 19	1 9 56	16°19'05	29°12	11°42	20°22	3°18	0°43	28°49	5°13	18°43	22°30	8°50	8°14	0°54	n.a.	S 19
S 20	1 13 53	17°20'01	11♍25	13°17	20°35	3°22	0°50	28°50	5°12	18°45	22°31	8°51	8°11	1° 1	n.a.	S 20
M21	1 17 50	18°20'58	23°28	14°52	20°46	3°27	0°56	28°51	5°10	18°47	22°31	8°52	8° 8	1° 7	n.a.	M21
T 22	1 21 46	19°21'56	5♎23	16°27	20°54	3°32	1° 3	28°52	5° 9	18°49	22°32	8°R52	8° 5	1°14	n.a.	T 22
W23	1 25 43	20°22'56	17°14	18° 2	21° 0	3°38	1°10	28°53	5° 7	18°51	22°32	8°52	8° 2	1°21	n.a.	W23
T 24	1 29 39	21°23'56	29° 3	19°36	21° 4	3°45	1°16	28°54	5° 5	18°53	22°33	8°51	7°58	1°27	n.a.	T 24
F 25	1 33 36	22°24'58	10♏51	21°11	21°R 6	3°52	1°22	28°55	5° 4	18°55	22°33	8°50	7°55	1°34	n.a.	F 25
S 26	1 37 32	23°26'01	22°40	22°46	21° 5	4° 0	1°28	28°57	5° 3	18°57	22°33	8°47	7°52	1°41	n.a.	S 26
S 27	1 41 29	24°27'05	4♐33	24°20	21° 1	4° 9	1°34	28°58	5° 1	18°59	22°33	8°45	7°49	1°47	n.a.	S 27
M28	1 45 25	25°28'10	16°33	25°55	20°55	4°19	1°40	29° 0	5° 0	19° 1	22°34	8°42	7°46	1°54	n.a.	M28
T 29	1 49 22	26°29'16	28°43	27°29	20°47	4°29	1°45	29° 1	4°59	19° 2	22°34	8°40	7°43	2° 1	n.a.	T 29
W30	1 53 19	27°30'23	11♑ 6	29° 3	20°36	4°40	1°51	29° 3	4°57	19° 4	22°34	8°38	7°39	2° 7	n.a.	W30
T 31	1 57 15	28♎31'30	23♑45	0♏38	20♏23	4♓51	1♌56	29♑ 5	4♓56	19♍ 6	22♋34	8°D37	7♈36	2♏14	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n46	28s25	5s 0	8n39	2n 1	20s22	5s 6	13s 2	3s13	21n41	0n51	22s19	1s39	10s17	0s49	6n29	1n51	33n 7	11n20	3n34	3n42	12s53		n.a.
W 2	0 21	29 3	5 15	8 0	1 58	20 38	5 8	13 2	3 9	21 39	0 52	22 19	1 39	10 18	0 49	6 28	1 51	33 7	11 21	3 34	3 41	12 56		n.a.
T 3	0s 3	28 11	5 16	7 20	1 55	20 53	5 11	13 2	3 5	21 37	0 52	22 19	1 39	10 19	0 49	6 27	1 51	33 7	11 21	3 34	3 39	12 59		n.a.
F 4	0 28	25 44	5 0	6 39	1 51	21 7	5 13	13 1	3 1	21 36	0 52	22 19	1 38	10 19	0 49	6 26	1 51	33 7	11 22	3 34	3 38	13 2		n.a.
S 5	0 52	21 47	4 27	5 57	1 47	21 21	5 15	13 0	2 56	21 34	0 52	22 19	1 38	10 20	0 49	6 26	1 51	33 8	11 22	3 33	3 37	13 5		n.a.
S 6	1 17	16 30	3 37	5 15	1 43	21 34	5 17	12 59	2 52	21 32	0 53	22 19	1 38	10 21	0 49	6 25	1 51	33 8	11 22	3 33	3 36	13 9		n.a.
M 7	1 41	10 9	2 32	4 32	1 38	21 47	5 19	12 58	2 48	21 31	0 53	22 19	1 38	10 22	0 49	6 24	1 51	33 8	11 23	3 33	3 34	13 12		n.a.
T 8	2 5	3 6	1 15	3 48	1 33	21 58	5 20	12 56	2 44	21 29	0 53	22 19	1 38	10 22	0 49	6 23	1 51	33 8	11 23	3 33	3 33	13 15		n.a.
W 9	2 30	4n13	0n 8	3 5	1 27	22 9	5 21	12 54	2 40	21 28	0 53	22 19	1 38	10 23	0 49	6 22	1 51	33 9	11 24	3 33	3 32	13 18		n.a.
T 10	2 54	11 22	1 31	2 21	1 22	22 19	5 22	12 52	2 36	21 26	0 53	22 19	1 38	10 24	0 49	6 21	1 51	33 9	11 24	3 33	3 30	13 21		n.a.
F 11	3 18	17 49	2 47	1 36	1 16	22 28	5 23	12 50	2 32	21 25	0 54	22 19	1 38	10 25	0 49	6 21	1 51	33 9	11 24	3 33	3 29	13 24		n.a.
S 12	3 43	23 7	3 51	0 52	1 10	22 37	5 23	12 47	2 28	21 23	0 54	22 19	1 38	10 25	0 49	6 20	1 51	33 9	11 25	3 33	3 28	13 28		n.a.
S 13	4 7	26 52	4 38	0 8	1 4	22 44	5 23	12 44	2 24	21 22	0 54	22 19	1 38	10 26	0 49	6 19	1 51	33 10	11 25	3 33	3 27	13 31		n.a.
M14	4 31	28 48	5 7	0s37	0 58	22 51	5 23	12 40	2 20	21 20	0 54	22 19	1 38	10 27	0 49	6 18	1 51	33 10	11 26	3 33	3 25	13 34		n.a.
T 15	4 55	28 52	5 18	1 21	0 52	22 57	5 22	12 37	2 17	21 19	0 55	22 19	1 37	10 27	0 49	6 17	1 51	33 10	11 26	3 33	3 24	13 37		n.a.
W16	5 19	27 14	5 11	2 6	0 45	23 2	5 21	12 33	2 13	21 17	0 55	22 19	1 37	10 28	0 49	6 16	1 51	33 10	11 26	3 33	3 23	13 40		n.a.
T 17	5 43	24 11	4 48	2 50	0 39	23 6	5 19	12 29	2 9	21 16	0 55	22 19	1 37	10 28	0 49	6 16	1 51	33 11	11 27	3 33	3 22	13 43		n.a.
F 18	6 7	20 2	4 11	3 34	0 32	23 8	5 18	12 25	2 5	21 15	0 55	22 18	1 37	10 29	0 49	6 15	1 51	33 11	11 27	3 33	3 20	13 46		n.a.
S 19	6 31	15 6	3 23	4 18	0 26	23 11	5 15	12 20	2 2	21 13	0 56	22 18	1 37	10 30	0 49	6 14	1 51	33 11	11 28	3 33	3 19	13 50		n.a.
S 20	6 55	9 39	2 27	5 2	0 19	23 11	5 13	12 16	1 58	21 12	0 56	22 18	1 37	10 30	0 49	6 13	1 51	33 12	11 28	3 34	3 18	13 53		n.a.
M21	7 18	3 56	1 25	5 45	0 13	23 11	5 10	12 11	1 55	21 11	0 56	22 18	1 37	10 31	0 48	6 13	1 51	33 12	11 28	3 34	3 16	13 56		n.a.
T 22	7 42	1s53	0 19	6 28	0 6	23 10	5 6	12 5	1 51	21 9	0 56	22 17	1 37	10 31	0 48	6 12	1 51	33 12	11 29	3 34	3 15	13 59		n.a.
W23	8 5	7 35	0s46	7 11	0s 0	23 8	5 2	12 0	1 48	21 8	0 57	22 17	1 37	10 32	0 48	6 11	1 51	33 13	11 29	3 34	3 14	14 2		n.a.
T 24	8 28	13 1	1 50	7 54	0 7	23 5	4 57	11 54	1 44	21 7	0 57	22 17	1 37	10 32	0 48	6 10	1 51	33 13	11 30	3 34	3 13	14 5		n.a.
F 25	8 52	17 58	2 48	8 36	0 14	23 0	4 52	11 48	1 41	21 6	0 57	22 16	1 36	10 33	0 48	6 9	1 51	33 13	11 30	3 33	3 11	14 8		n.a.
S 26	9 15	22 16	3 39	9 18	0 20	22 54	4 47	11 42	1 38	21 5	0 57	22 16	1 36	10 33	0 48	6 9	1 51	33 14	11 31	3 32	3 10	14 11		n.a.
S 27	9 37	25 40	4 22	9 59	0 26	22 48	4 40	11 36	1 34	21 4	0 58	22 15	1 36	10 34	0 48	6 8	1 52	33 14	11 31	3 31	3 9	14 15		n.a.
M28	10 0	27 59	4 53	10 40	0 33	22 39	4 34	11 30	1 31	21 3	0 58	22 15	1 36	10 34	0 48	6 7	1 52	33 14	11 31	3 30	3 8	14 18		n.a.
T 29	10 23	29 0	5 11	11 21	0 39	22 30	4 26	11 23	1 28	21 2	0 58	22 15	1 36	10 35	0 48	6 7	1 52	33 15	11 32	3 29	3 6	14 21		n.a.
W30	10 45	28 35	5 15	12 1	0 45	22 19	4 18	11 16	1 25	21 1	0 58	22 14	1 36	10 35	0 48	6 6	1 52	33 15	11 32	3 29	3 5	14 24		n.a.
T 31	11s 7	26s41	5s 5	12s40	0s51	22s 7	4s10	11s 9	1s22	21n 0	0n59	22s14	1s36	10s36	0s48	6n 5	1n52	33n16	11n33	3n28	3n 4	14s27		n.a.

Julian Day Number = 1352428.5, Delta T = 07h06m07s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'21, Lahiri = -17°54'21 Julian Calendar 1 Oct. 1011 BCE == Greg. Calendar 21 Sept. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

NOVEMBER 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 1 12	29♎32'38	6♒46	2♏12	20°R 7	5♓ 3	2♌ 1	29♉ 7	4°R55	19♍ 8	22♋34	8♈37	7♈33	2♏21	n.a.	F 1
S 2	2 5 8	0♏33'46	20°10	3°46	19♏49	5°16	2° 6	29° 9	4♓54	19°10	22°34	8°38	7°30	2°27	n.a.	S 2
S 3	2 9 5	1°34'55	4♓ 1	5°21	19°28	5°29	2°11	29°12	4°53	19°12	22°34	8°40	7°27	2°34	n.a.	S 3
M 4	2 13 1	2°36'04	18°18	6°55	19° 5	5°43	2°16	29°14	4°52	19°13	22°R34	8°41	7°23	2°40	n.a.	M 4
T 5	2 16 58	3°37'14	3♈ 0	8°29	18°40	5°57	2°20	29°16	4°51	19°15	22°34	8°R42	7°20	2°47	n.a.	T 5
W 6	2 20 54	4°38'24	18° 2	10° 4	18°13	6°12	2°24	29°19	4°50	19°17	22°34	8°42	7°17	2°54	n.a.	W 6
T 7	2 24 51	5°39'35	3♉17	11°39	17°44	6°28	2°28	29°22	4°49	19°18	22°34	8°40	7°14	3° 0	n.a.	T 7
F 8	2 28 48	6°40'46	18°33	13°13	17°13	6°44	2°32	29°24	4°49	19°20	22°34	8°37	7°11	3° 7	n.a.	F 8
S 9	2 32 44	7°41'58	3♊42	14°48	16°41	7° 0	2°36	29°27	4°48	19°22	22°34	8°33	7° 8	3°14	n.a.	S 9
S 10	2 36 41	8°43'11	18°33	16°23	16° 8	7°17	2°39	29°30	4°47	19°23	22°34	8°29	7° 4	3°20	n.a.	S 10
M11	2 40 37	9°44'25	2♋59	17°58	15°33	7°35	2°43	29°33	4°46	19°25	22°34	8°25	7° 1	3°27	n.a.	M11
T 12	2 44 34	10°45'40	16°57	19°33	14°58	7°53	2°46	29°36	4°46	19°27	22°33	8°21	6°58	3°34	n.a.	T 12
W13	2 48 30	11°46'55	0♌26	21° 8	14°21	8°11	2°49	29°40	4°45	19°28	22°33	8°19	6°55	3°40	n.a.	W13
T 14	2 52 27	12°48'11	13°28	22°43	13°45	8°30	2°52	29°43	4°45	19°30	22°33	8°D18	6°52	3°47	n.a.	T 14
F 15	2 56 23	13°49'27	26° 7	24°19	13° 8	8°49	2°55	29°46	4°44	19°31	22°32	8°19	6°49	3°54	n.a.	F 15
S 16	3 0 20	14°50'44	8♍26	25°54	12°32	9° 9	2°57	29°50	4°44	19°33	22°32	8°21	6°45	4° 0	n.a.	S 16
S 17	3 4 17	15°52'01	20°30	27°29	11°56	9°29	2°59	29°53	4°44	19°34	22°32	8°22	6°42	4° 7	n.a.	S 17
M18	3 8 13	16°53'19	2♎25	29° 4	11°21	9°50	3° 1	29°57	4°43	19°35	22°31	8°R24	6°39	4°14	n.a.	M18
T 19	3 12 10	17°54'37	14°14	0♐39	10°46	10°11	3° 3	0♒ 1	4°43	19°37	22°31	8°24	6°36	4°20	n.a.	T 19
W20	3 16 6	18°55'56	26° 1	2°14	10°13	10°32	3° 5	0° 5	4°43	19°38	22°30	8°22	6°33	4°27	n.a.	W20
T 21	3 20 3	19°57'15	7♏49	3°49	9°41	10°54	3° 6	0° 9	4°43	19°40	22°30	8°18	6°29	4°34	n.a.	T 21
F 22	3 23 59	20°58'34	19°40	5°23	9°10	11°16	3° 8	0°13	4°42	19°41	22°29	8°12	6°26	4°40	n.a.	F 22
S 23	3 27 56	21°59'53	1♐35	6°56	8°42	11°39	3° 9	0°17	4°D42	19°42	22°29	8° 4	6°23	4°47	n.a.	S 23
S 24	3 31 53	23° 1'12	13°37	8°29	8°15	12° 2	3°10	0°21	4°42	19°43	22°28	7°55	6°20	4°54	n.a.	S 24
M25	3 35 49	24° 2'31	25°46	10° 1	7°50	12°25	3°11	0°26	4°43	19°45	22°28	7°46	6°17	5° 0	n.a.	M25
T 26	3 39 46	25° 3'49	8♑ 5	11°32	7°27	12°48	3°11	0°30	4°43	19°46	22°27	7°37	6°14	5° 7	n.a.	T 26
W27	3 43 42	26° 5'08	20°34	13° 1	7° 6	13°12	3°11	0°35	4°43	19°47	22°26	7°30	6°10	5°14	n.a.	W27
T 28	3 47 39	27° 6'26	3♒16	14°29	6°48	13°36	3°R12	0°39	4°43	19°48	22°26	7°25	6° 7	5°20	n.a.	T 28
F 29	3 51 35	28° 7'43	16°15	15°54	6°32	14° 1	3°12	0°44	4°43	19°49	22°25	7°22	6° 4	5°27	n.a.	F 29
S 30	3 55 32	29♏ 9'00	29♒31	17♐18	6♏19	14♓26	3♌11	0♒49	4♓44	19♍50	22♋24	7°D21	6♈ 1	5♏34	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11s29	23s22	4s39	13s19	0s57	21s54	4s 0	11s 2	1s19	20n59	0n59	22s13	1s36	10s36	0s48	6n 5	1n52	33n16	11n33	3n28	3n 2	14s30		n.a.
S 2	11 51	18 43	3 57	13 57	1 3	21 40	3 51	10 54	1 16	20 58	0 59	22 13	1 36	10 36	0 48	6 4	1 52	33 16	11 34	3 29	3 1	14 33		n.a.
S 3	12 13	12 59	3 0	14 35	1 8	21 24	3 40	10 47	1 13	20 57	0 59	22 12	1 36	10 37	0 48	6 3	1 52	33 17	11 34	3 29	3 0	14 36		n.a.
M 4	12 34	6 23	1 50	15 12	1 14	21 7	3 29	10 39	1 10	20 56	1 0	22 11	1 35	10 37	0 48	6 2	1 52	33 17	11 34	3 30	2 59	14 39		n.a.
T 5	12 55	0n44	0 31	15 48	1 19	20 49	3 18	10 31	1 7	20 56	1 0	22 11	1 35	10 37	0 48	6 2	1 52	33 18	11 35	3 30	2 57	14 42		n.a.
W 6	13 16	7 58	0n51	16 24	1 24	20 29	3 5	10 23	1 5	20 55	1 0	22 10	1 35	10 38	0 48	6 1	1 52	33 18	11 35	3 30	2 56	14 46		n.a.
T 7	13 37	14 51	2 11	16 59	1 29	20 9	2 53	10 14	1 2	20 54	1 1	22 9	1 35	10 38	0 48	6 1	1 52	33 19	11 36	3 29	2 55	14 49		n.a.
F 8	13 58	20 51	3 22	17 33	1 34	19 47	2 39	10 6	0 59	20 53	1 1	22 9	1 35	10 38	0 48	6 0	1 52	33 19	11 36	3 28	2 54	14 52		n.a.
S 9	14 18	25 26	4 17	18 6	1 39	19 25	2 26	9 57	0 57	20 53	1 1	22 8	1 35	10 39	0 48	5 59	1 52	33 19	11 36	3 27	2 52	14 55		n.a.
S 10	14 38	28 12	4 54	18 38	1 43	19 1	2 12	9 48	0 54	20 52	1 1	22 7	1 35	10 39	0 48	5 59	1 52	33 20	11 37	3 25	2 51	14 58		n.a.
M11	14 58	28 58	5 12	19 10	1 47	18 37	1 57	9 39	0 52	20 52	1 2	22 7	1 35	10 39	0 48	5 58	1 52	33 20	11 37	3 23	2 50	15 1		n.a.
T 12	15 17	27 50	5 9	19 40	1 51	18 12	1 42	9 30	0 49	20 51	1 2	22 6	1 35	10 39	0 48	5 58	1 52	33 21	11 38	3 22	2 48	15 4		n.a.
W13	15 37	25 5	4 50	20 10	1 54	17 47	1 27	9 21	0 47	20 51	1 2	22 5	1 35	10 39	0 48	5 57	1 52	33 21	11 38	3 21	2 47	15 7		n.a.
T 14	15 56	21 7	4 16	20 38	1 58	17 21	1 12	9 12	0 44	20 51	1 3	22 4	1 34	10 39	0 48	5 56	1 52	33 22	11 38	3 21	2 46	15 10		n.a.
F 15	16 14	16 18	3 31	21 6	2 1	16 55	0 56	9 2	0 42	20 50	1 3	22 3	1 34	10 40	0 48	5 56	1 52	33 22	11 39	3 21	2 45	15 13		n.a.
S 16	16 33	10 57	2 36	21 32	2 3	16 29	0 41	8 53	0 40	20 50	1 3	22 3	1 34	10 40	0 48	5 55	1 53	33 23	11 39	3 22	2 43	15 16		n.a.
S 17	16 51	5 17	1 36	21 57	2 5	16 3	0 25	8 43	0 38	20 50	1 3	22 2	1 34	10 40	0 47	5 55	1 53	33 23	11 40	3 22	2 42	15 19		n.a.
M18	17 9	0s29	0 33	22 20	2 7	15 37	0 9	8 33	0 35	20 49	1 4	22 1	1 34	10 40	0 47	5 54	1 53	33 23	11 40	3 23	2 41	15 22		n.a.
T 19	17 26	6 11	0s32	22 42	2 9	15 12	0n 6	8 23	0 33	20 49	1 4	22 0	1 34	10 40	0 47	5 54	1 53	33 24	11 40	3 23	2 40	15 25		n.a.
W20	17 44	11 40	1 34	23 3	2 10	14 47	0 21	8 13	0 31	20 49	1 4	21 59	1 34	10 40	0 47	5 53	1 53	33 24	11 41	3 22	2 38	15 28		n.a.
T 21	18 0	16 44	2 33	23 22	2 10	14 22	0 36	8 3	0 29	20 49	1 5	21 58	1 34	10 40	0 47	5 53	1 53	33 25	11 41	3 20	2 37	15 31		n.a.
F 22	18 17	21 12	3 25	23 40	2 10	13 58	0 51	7 52	0 27	20 49	1 5	21 57	1 34	10 40	0 47	5 52	1 53	33 25	11 42	3 18	2 36	15 34		n.a.
S 23	18 33	24 51	4 8	23 56	2 9	13 35	1 6	7 42	0 25	20 49	1 5	21 56	1 34	10 40	0 47	5 52	1 53	33 26	11 42	3 15	2 34	15 37		n.a.
S 24	18 49	27 26	4 41	24 11	2 8	13 13	1 20	7 31	0 23	20 49	1 5	21 55	1 34	10 40	0 47	5 51	1 53	33 26	11 42	3 11	2 33	15 40		n.a.
M25	19 5	28 46	5 1	24 23	2 6	12 52	1 33	7 20	0 21	20 49	1 6	21 54	1 34	10 40	0 47	5 51	1 53	33 27	11 43	3 8	2 32	15 43		n.a.
T 26	19 20	28 41	5 7	24 34	2 4	12 32	1 46	7 9	0 19	20 49	1 6	21 53	1 33	10 40	0 47	5 51	1 53	33 27	11 43	3 4	2 31	15 46		n.a.
W27	19 35	27 9	5 0	24 43	2 1	12 14	1 59	6 58	0 18	20 50	1 6	21 52	1 33	10 40	0 47	5 50	1 53	33 28	11 44	3 1	2 29	15 49		n.a.
T 28	19 49	24 13	4 37	24 50	1 57	11 56	2 11	6 47	0 16	20 50	1 7	21 51	1 33	10 40	0 47	5 50	1 53	33 28	11 44	2 59	2 28	15 52		n.a.
F 29	20 3	20 1	4 0	24 55	1 52	11 40	2 23	6 36	0 14	20 50	1 7	21 50	1 33	10 39	0 47	5 49	1 53	33 29	11 44	2 58	2 27	15 55		n.a.
S 30	20s17	14s46	3s 9	24s58	1s46	11s25	2n34	6s25	0s12	20n51	1n 7	21s49	1s33	10s39	0s47	5n49	1n53	33n29	11n45	2n58	2n26	15s58		n.a.

Julian Day Number = 1352459.5, Delta T = 07h06m06s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'17, Lahiri = -17°54'16 Julian Calendar 1 Nov. 1011 BCE == Greg. Calendar 22 Oct. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1011 BCE
geocentric

DECEMBER 1011 BCE (-1010) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 59 28	0♐10'16	13♓ 9	18♐38	6°R 8	14♓51	3°R11	0♒53	4♓44	19♍51	22°R23	7♈22	5♈58	5♏40	n.a.	S 1
M 2	4 3 25	1°11'32	27° 9	19°55	6♏ 0	15°16	3♎10	0°58	4°44	19°52	22♋22	7°23	5°54	5°47	n.a.	M 2
T 3	4 7 22	2°12'46	11♈33	21° 8	5°54	15°42	3° 9	1° 3	4°45	19°53	22°22	7°R23	5°51	5°54	n.a.	T 3
W 4	4 11 18	3°14'01	26°17	22°16	5°50	16° 8	3° 8	1° 8	4°45	19°54	22°21	7°21	5°48	6° 0	n.a.	W 4
T 5	4 15 15	4°15'14	11♉17	23°19	5°D49	16°34	3° 7	1°13	4°46	19°55	22°20	7°17	5°45	6° 7	n.a.	T 5
F 6	4 19 11	5°16'27	26°26	24°15	5°51	17° 1	3° 6	1°19	4°47	19°56	22°19	7°11	5°42	6°14	n.a.	F 6
S 7	4 23 8	6°17'40	11♊33	25° 4	5°55	17°28	3° 4	1°24	4°47	19°57	22°18	7° 2	5°39	6°20	n.a.	S 7
S 8	4 27 4	7°18'52	26°29	25°46	6° 1	17°55	3° 2	1°29	4°48	19°58	22°17	6°53	5°35	6°27	n.a.	S 8
M 9	4 31 1	8°20'03	11♋ 4	26°18	6°10	18°22	3° 0	1°35	4°49	19°58	22°16	6°43	5°32	6°34	n.a.	M 9
T 10	4 34 58	9°21'14	25°12	26°41	6°20	18°49	2°58	1°40	4°50	19°59	22°15	6°34	5°29	6°40	n.a.	T 10
W11	4 38 54	10°22'25	8♌51	26°53	6°34	19°17	2°56	1°46	4°51	20° 0	22°14	6°27	5°26	6°47	n.a.	W11
T 12	4 42 51	11°23'35	22° 0	26°R54	6°49	19°45	2°53	1°51	4°51	20° 1	22°13	6°23	5°23	6°54	n.a.	T 12
F 13	4 46 47	12°24'44	4♍43	26°44	7° 6	20°13	2°51	1°57	4°52	20° 1	22°12	6°21	5°20	7° 0	n.a.	F 13
S 14	4 50 44	13°25'53	17° 4	26°22	7°25	20°41	2°48	2° 3	4°53	20° 2	22°11	6°D21	5°16	7° 7	n.a.	S 14
S 15	4 54 40	14°27'01	29° 8	25°48	7°47	21°10	2°45	2° 9	4°55	20° 2	22°10	6°21	5°13	7°14	n.a.	S 15
M16	4 58 37	15°28'08	11♎ 2	25° 4	8°10	21°39	2°41	2°14	4°56	20° 3	22° 9	6°R22	5°10	7°20	n.a.	M16
T 17	5 2 33	16°29'15	22°49	24°10	8°35	22° 8	2°38	2°20	4°57	20° 4	22° 7	6°20	5° 7	7°27	n.a.	T 17
W18	5 6 30	17°30'22	4♏35	23° 7	9° 1	22°37	2°34	2°26	4°58	20° 4	22° 6	6°16	5° 4	7°34	n.a.	W18
T 19	5 10 27	18°31'27	16°25	21°58	9°30	23° 6	2°30	2°32	4°59	20° 4	22° 5	6°10	5° 0	7°40	n.a.	T 19
F 20	5 14 23	19°32'32	28°20	20°45	10° 0	23°36	2°26	2°39	5° 1	20° 5	22° 4	6° 0	4°57	7°47	n.a.	F 20
S 21	5 18 20	20°33'35	10♐24	19°29	10°31	24° 5	2°22	2°45	5° 2	20° 5	22° 3	5°48	4°54	7°54	n.a.	S 21
S 22	5 22 16	21°34'38	22°37	18°14	11° 4	24°35	2°18	2°51	5° 4	20° 6	22° 1	5°35	4°51	8° 0	n.a.	S 22
M23	5 26 13	22°35'40	5♑ 1	17° 1	11°39	25° 5	2°13	2°57	5° 5	20° 6	22° 0	5°20	4°48	8° 7	n.a.	M23
T 24	5 30 9	23°36'40	17°35	15°52	12°15	25°35	2° 9	3° 4	5° 7	20° 6	21°59	5° 7	4°45	8°14	n.a.	T 24
W25	5 34 6	24°37'39	0♒20	14°48	12°52	26° 6	2° 4	3°10	5° 8	20° 6	21°57	4°55	4°41	8°20	n.a.	W25
T 26	5 38 3	25°38'36	13°16	13°52	13°30	26°36	1°59	3°17	5°10	20° 7	21°56	4°46	4°38	8°27	n.a.	T 26
F 27	5 41 59	26°39'32	26°24	13° 4	14°10	27° 7	1°54	3°23	5°11	20° 7	21°55	4°41	4°35	8°34	n.a.	F 27
S 28	5 45 56	27°40'27	9♓45	12°23	14°51	27°38	1°48	3°30	5°13	20° 7	21°54	4°38	4°32	8°40	n.a.	S 28
S 29	5 49 52	28°41'19	23°20	11°51	15°33	28° 9	1°43	3°36	5°15	20° 7	21°52	4°37	4°29	8°47	n.a.	S 29
M30	5 53 49	29°42'10	7♈10	11°28	16°16	28°40	1°37	3°43	5°17	20° 7	21°51	4°37	4°26	8°54	n.a.	M30
T 31	5 57 45	0♑43'00	21♈17	11♐13	17♏ 0	29♓11	1♎32	3♒49	5♓18	20♍ 7	21♋49	4♈36	4♈22	9♏ 0	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20s30	8s40	2s 6	24s59	1s40	11s11	2n45	6s13	0s10	20n51	1n 8	21s47	1s33	10s39	0s47	5n49	1n53	33n30	11n45	2n58	2n24	16s 1			n.a.
M 2	20 43	1 59	0 55	24 58	1 32	10 59	2 55	6 2	0 9	20 51	1 8	21 46	1 33	10 39	0 47	5 48	1 53	33 30	11 45	2 58	2 23	16 4			n.a.
T 3	20 56	4n59	0n22	24 55	1 24	10 48	3 5	5 50	0 7	20 52	1 8	21 45	1 33	10 39	0 47	5 48	1 54	33 31	11 46	2 58	2 22	16 7			n.a.
W 4	21 8	11 51	1 40	24 49	1 14	10 38	3 14	5 38	0 6	20 52	1 8	21 44	1 33	10 38	0 47	5 48	1 54	33 31	11 46	2 58	2 20	16 10			n.a.
T 5	21 20	18 10	2 51	24 42	1 3	10 30	3 22	5 26	0 4	20 53	1 9	21 43	1 33	10 38	0 47	5 47	1 54	33 32	11 46	2 56	2 19	16 13			n.a.
F 6	21 31	23 24	3 51	24 33	0 51	10 23	3 30	5 15	0 2	20 54	1 9	21 41	1 33	10 38	0 47	5 47	1 54	33 32	11 47	2 54	2 18	16 16			n.a.
S 7	21 42	27 4	4 35	24 22	0 38	10 17	3 38	5 3	0 1	20 54	1 9	21 40	1 33	10 38	0 47	5 47	1 54	33 33	11 47	2 50	2 17	16 19			n.a.
S 8	21 53	28 45	4 59	24 9	0 24	10 12	3 45	4 50	0n 1	20 55	1 10	21 39	1 33	10 37	0 47	5 47	1 54	33 33	11 47	2 46	2 15	16 22			n.a.
M 9	22 3	28 23	5 3	23 55	0 9	10 9	3 51	4 38	0 2	20 56	1 10	21 38	1 33	10 37	0 47	5 46	1 54	33 34	11 48	2 42	2 14	16 25			n.a.
T 10	22 12	26 9	4 48	23 39	0n 8	10 7	3 57	4 26	0 4	20 56	1 10	21 36	1 33	10 37	0 47	5 46	1 54	33 34	11 48	2 39	2 13	16 28			n.a.
W11	22 21	22 28	4 17	23 22	0 25	10 6	4 3	4 14	0 5	20 57	1 10	21 35	1 32	10 36	0 46	5 46	1 54	33 35	11 48	2 36	2 11	16 31			n.a.
T 12	22 30	17 45	3 34	23 4	0 43	10 6	4 8	4 1	0 6	20 58	1 11	21 34	1 32	10 36	0 46	5 46	1 54	33 35	11 49	2 34	2 10	16 34			n.a.
F 13	22 38	12 25	2 40	22 44	1 2	10 8	4 12	3 49	0 8	20 59	1 11	21 32	1 32	10 35	0 46	5 45	1 54	33 36	11 49	2 34	2 9	16 37			n.a.
S 14	22 46	6 44	1 41	22 25	1 21	10 10	4 16	3 36	0 9	21 0	1 11	21 31	1 32	10 35	0 46	5 45	1 54	33 36	11 49	2 34	2 8	16 40			n.a.
S 15	22 54	0 56	0 38	22 5	1 41	10 13	4 20	3 24	0 10	21 1	1 12	21 29	1 32	10 35	0 46	5 45	1 54	33 37	11 50	2 34	2 6	16 43			n.a.
M16	23 1	4s49	0s25	21 44	1 59	10 18	4 24	3 11	0 12	21 2	1 12	21 28	1 32	10 34	0 46	5 45	1 54	33 37	11 50	2 34	2 5	16 46			n.a.
T 17	23 7	10 21	1 26	21 24	2 18	10 23	4 27	2 58	0 13	21 3	1 12	21 27	1 32	10 34	0 46	5 45	1 55	33 38	11 50	2 33	2 4	16 49			n.a.
W18	23 13	15 31	2 24	21 4	2 35	10 29	4 29	2 46	0 14	21 4	1 12	21 25	1 32	10 33	0 46	5 45	1 55	33 38	11 51	2 32	2 2	16 52			n.a.
T 19	23 19	20 7	3 16	20 45	2 50	10 36	4 31	2 33	0 15	21 5	1 13	21 24	1 32	10 33	0 46	5 45	1 55	33 39	11 51	2 29	2 1	16 55			n.a.
F 20	23 24	23 59	3 59	20 26	3 4	10 43	4 33	2 20	0 17	21 7	1 13	21 22	1 32	10 32	0 46	5 44	1 55	33 39	11 51	2 25	2 0	16 58			n.a.
S 21	23 29	26 50	4 32	20 9	3 15	10 52	4 35	2 7	0 18	21 8	1 13	21 21	1 32	10 32	0 46	5 44	1 55	33 40	11 51	2 20	1 59	17 1			n.a.
S 22	23 33	28 29	4 53	19 54	3 24	11 1	4 36	1 54	0 19	21 9	1 14	21 19	1 32	10 31	0 46	5 44	1 55	33 40	11 52	2 15	1 57	17 4			n.a.
M23	23 36	28 43	5 0	19 40	3 31	11 11	4 37	1 41	0 20	21 10	1 14	21 18	1 32	10 30	0 46	5 44	1 55	33 41	11 52	2 9	1 56	17 6			n.a.
T 24	23 40	27 29	4 53	19 29	3 35	11 21	4 38	1 27	0 21	21 12	1 14	21 16	1 32	10 30	0 46	5 44	1 55	33 41	11 52	2 4	1 55	17 9			n.a.
W25	23 42	24 49	4 32	19 20	3 37	11 32	4 38	1 14	0 22	21 13	1 14	21 15	1 32	10 29	0 46	5 44	1 55	33 42	11 52	1 59	1 54	17 12			n.a.
T 26	23 45	20 51	3 56	19 14	3 37	11 43	4 39	1 1	0 23	21 15	1 15	21 13	1 32	10 29	0 46	5 44	1 55	33 42	11 53	1 56	1 52	17 15			n.a.
F 27	23 46	15 50	3 7	19 10	3 35	11 55	4 38	0 47	0 24	21 16	1 15	21 12	1 32	10 28	0 46	5 44	1 55	33 43	11 53	1 53	1 51	17 18			n.a.
S 28	23 48	10 0	2 7	19 9	3 31	12 7	4 38	0 34	0 26	21 17	1 15	21 10	1 32	10 27	0 46	5 44	1 55	33 43	11 53	1 52	1 50	17 21			n.a.
S 29	23 49	3 36	0 59	19 10	3 26	12 20	4 37	0 21	0 27	21 19	1 15	21 8	1 32	10 27	0 46	5 44	1 55	33 43	11 53	1 52	1 48	17 24			n.a.
M30	23 49	3n 6	0n14	19 14	3 19	12 33	4 37	0 7	0 28	21 20	1 16	21 7	1 32	10 26	0 46	5 44	1 55	33 44	11 54	1 52	1 47	17 27			n.a.
T 31	23s49	9n46	1n27	19s19	3n11	12s46	4n36	0n 6	0n29	21n22	1n16	21s 5	1s32	10s25	0s46	5n44	1n55	33n44	11n54	1n51	1n46	17s30			n.a.

Julian Day Number = 1352489.5, Delta T = 07h06m04s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'13, Lahiri = -17°54'12 Julian Calendar 1 Dec. 1011 BCE == Greg. Calendar 21 Nov. 1011 BCE

The year -1010 astronomical counting style corresponds to year 1011 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

JANUARY 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 1 42	1♉43'47	5♉40	11°D 6	17♏45	29♓43	1°R26	3♒56	5♓20	20°R 7	21°R48	4°R34	4♈19	9♏ 7	n.a.	W 1
T 2	6 5 38	2°44'33	20°17	11♐ 7	18°31	0♈14	1♌20	4° 3	5°22	20♍ 7	21♋47	4♈29	4°16	9°14	n.a.	T 2
F 3	6 9 35	3°45'18	5♊ 2	11°14	19°18	0°46	1°14	4°10	5°24	20° 7	21°45	4°21	4°13	9°20	n.a.	F 3
S 4	6 13 32	4°46'00	19°49	11°29	20° 5	1°17	1° 7	4°17	5°26	20° 7	21°44	4°10	4°10	9°27	n.a.	S 4
S 5	6 17 28	5°46'41	4♋30	11°49	20°54	1°49	1° 1	4°23	5°28	20° 7	21°42	3°58	4° 7	9°34	n.a.	S 5
M 6	6 21 25	6°47'21	18°56	12°15	21°43	2°21	0°54	4°30	5°30	20° 7	21°41	3°46	4° 3	9°40	n.a.	M 6
T 7	6 25 21	7°47'59	3♌ 1	12°47	22°34	2°53	0°48	4°37	5°33	20° 7	21°39	3°35	4° 0	9°47	n.a.	T 7
W 8	6 29 18	8°48'35	16°40	13°23	23°25	3°26	0°41	4°44	5°35	20° 6	21°38	3°26	3°57	9°54	n.a.	W 8
T 9	6 33 14	9°49'10	29°53	14° 4	24°16	3°58	0°34	4°51	5°37	20° 6	21°36	3°19	3°54	10° 1	n.a.	T 9
F 10	6 37 11	10°49'43	12♍40	14°49	25° 9	4°30	0°27	4°58	5°39	20° 6	21°35	3°16	3°51	10° 7	n.a.	F 10
S 11	6 41 8	11°50'15	25° 5	15°37	26° 2	5° 3	0°20	5° 6	5°41	20° 5	21°33	3°14	3°47	10°14	n.a.	S 11
S 12	6 45 4	12°50'45	7♎13	16°29	26°56	5°35	0°13	5°13	5°44	20° 5	21°32	3°14	3°44	10°21	n.a.	S 12
M13	6 49 1	13°51'14	19° 9	17°24	27°50	6° 8	0° 6	5°20	5°46	20° 5	21°30	3°14	3°41	10°27	n.a.	M13
T 14	6 52 57	14°51'42	0♏58	18°23	28°45	6°41	29♋59	5°27	5°49	20° 4	21°29	3°13	3°38	10°34	n.a.	T 14
W15	6 56 54	15°52'08	12°46	19°23	29°40	7°14	29°51	5°34	5°51	20° 4	21°27	3°10	3°35	10°41	n.a.	W15
T 16	7 0 50	16°52'32	24°38	20°27	0♐36	7°47	29°44	5°41	5°53	20° 3	21°26	3° 4	3°32	10°47	n.a.	T 16
F 17	7 4 47	17°52'55	6♐38	21°33	1°33	8°20	29°36	5°49	5°56	20° 3	21°24	2°56	3°28	10°54	n.a.	F 17
S 18	7 8 43	18°53'16	18°49	22°40	2°30	8°53	29°29	5°56	5°58	20° 2	21°23	2°45	3°25	11° 1	n.a.	S 18
S 19	7 12 40	19°53'35	1♑14	23°50	3°27	9°26	29°21	6° 3	6° 1	20° 2	21°21	2°33	3°22	11° 7	n.a.	S 19
M20	7 16 37	20°53'53	13°53	25° 2	4°25	10° 0	29°13	6°11	6° 4	20° 1	21°20	2°19	3°19	11°14	n.a.	M20
T 21	7 20 33	21°54'09	26°46	26°16	5°24	10°33	29° 6	6°18	6° 6	20° 0	21°18	2° 7	3°16	11°21	n.a.	T 21
W22	7 24 30	22°54'22	9♒52	27°31	6°23	11° 7	28°58	6°25	6° 9	20° 0	21°17	1°56	3°13	11°27	n.a.	W22
T 23	7 28 26	23°54'34	23°10	28°49	7°22	11°40	28°50	6°33	6°12	19°59	21°15	1°48	3° 9	11°34	n.a.	T 23
F 24	7 32 23	24°54'43	6♓38	0♑ 7	8°22	12°14	28°42	6°40	6°14	19°58	21°14	1°43	3° 6	11°41	n.a.	F 24
S 25	7 36 19	25°54'50	20°16	1°27	9°22	12°48	28°34	6°48	6°17	19°57	21°12	1°40	3° 3	11°47	n.a.	S 25
S 26	7 40 16	26°54'55	4♈ 2	2°49	10°22	13°22	28°27	6°55	6°20	19°57	21°11	1°D39	3° 0	11°54	n.a.	S 26
M27	7 44 12	27°54'58	17°57	4°12	11°23	13°56	28°19	7° 3	6°23	19°56	21° 9	1°40	2°57	12° 1	n.a.	M27
T 28	7 48 9	28°54'58	2♉ 0	5°36	12°24	14°30	28°11	7°10	6°26	19°55	21° 8	1°R40	2°53	12° 7	n.a.	T 28
W29	7 52 5	29°54'56	16°10	7° 2	13°25	15° 4	28° 3	7°17	6°29	19°54	21° 6	1°39	2°50	12°14	n.a.	W29
T 30	7 56 2	0♒54'52	0♊27	8°29	14°27	15°38	27°55	7°25	6°31	19°53	21° 5	1°36	2°47	12°21	n.a.	T 30
F 31	7 59 59	1♒54'45	14♊46	9♑57	15♐29	16♈12	27♋47	7♒32	6♓34	19♍52	21♋ 3	1♈30	2♈44	12♏27	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	23s48	16n 4	2n36	19s27	3n 3	13s 0	4n34	0n20	0n29	21n24	1n16	21s 4	1s32	10s24	0s46	5n44	1n56	33n45	11n54	1n50	1n45	17s33			n.a.
T 2	23 47	21 34	3 36	19 36	2 54	13 14	4 33	0 33	0 30	21 25	1 16	21 2	1 32	10 24	0 46	5 44	1 56	33 45	11 54	1 48	1 43	17 35			n.a.
F 3	23 46	25 46	4 22	19 47	2 44	13 29	4 31	0 47	0 31	21 27	1 17	21 0	1 32	10 23	0 46	5 45	1 56	33 46	11 54	1 45	1 42	17 38			n.a.
S 4	23 44	28 15	4 51	19 59	2 34	13 43	4 30	1 1	0 32	21 28	1 17	20 59	1 32	10 22	0 46	5 45	1 56	33 46	11 55	1 41	1 41	17 41			n.a.
S 5	23 41	28 44	5 0	20 12	2 23	13 58	4 28	1 14	0 33	21 30	1 17	20 57	1 32	10 21	0 46	5 45	1 56	33 47	11 55	1 36	1 39	17 44			n.a.
M 6	23 38	27 14	4 50	20 26	2 12	14 13	4 25	1 28	0 34	21 32	1 17	20 55	1 32	10 20	0 45	5 45	1 56	33 47	11 55	1 31	1 38	17 47			n.a.
T 7	23 35	24 2	4 22	20 41	2 2	14 28	4 23	1 42	0 35	21 33	1 17	20 53	1 32	10 20	0 45	5 45	1 56	33 47	11 55	1 27	1 37	17 50			n.a.
W 8	23 31	19 34	3 40	20 56	1 51	14 43	4 21	1 56	0 36	21 35	1 18	20 52	1 32	10 19	0 45	5 45	1 56	33 48	11 55	1 23	1 36	17 53			n.a.
T 9	23 27	14 17	2 47	21 12	1 40	14 58	4 18	2 9	0 37	21 37	1 18	20 50	1 32	10 18	0 45	5 45	1 56	33 48	11 55	1 20	1 34	17 55			n.a.
F 10	23 22	8 33	1 47	21 28	1 29	15 14	4 15	2 23	0 37	21 38	1 18	20 48	1 32	10 17	0 45	5 46	1 56	33 49	11 56	1 19	1 33	17 58			n.a.
S 11	23 17	2 38	0 43	21 44	1 18	15 29	4 12	2 37	0 38	21 40	1 18	20 46	1 32	10 16	0 45	5 46	1 56	33 49	11 56	1 18	1 32	18 1			n.a.
S 12	23 11	3s14	0s21	22 0	1 8	15 44	4 9	2 51	0 39	21 42	1 18	20 45	1 32	10 15	0 45	5 46	1 56	33 49	11 56	1 18	1 31	18 4			n.a.
M13	23 5	8 54	1 23	22 15	0 57	16 0	4 6	3 5	0 40	21 44	1 19	20 43	1 32	10 14	0 45	5 46	1 56	33 50	11 56	1 18	1 29	18 7			n.a.
T 14	22 58	14 12	2 21	22 31	0 47	16 15	4 3	3 19	0 41	21 45	1 19	20 41	1 32	10 13	0 45	5 46	1 56	33 50	11 56	1 18	1 28	18 10			n.a.
W15	22 51	18 59	3 13	22 46	0 37	16 30	4 0	3 33	0 41	21 47	1 19	20 39	1 32	10 13	0 45	5 47	1 57	33 51	11 56	1 17	1 27	18 12			n.a.
T 16	22 44	23 3	3 57	23 1	0 27	16 45	3 56	3 47	0 42	21 49	1 19	20 38	1 32	10 12	0 45	5 47	1 57	33 51	11 56	1 14	1 25	18 15			n.a.
F 17	22 36	26 12	4 30	23 15	0 18	17 0	3 52	4 0	0 43	21 51	1 19	20 36	1 32	10 11	0 45	5 47	1 57	33 51	11 56	1 11	1 24	18 18			n.a.
S 18	22 28	28 12	4 52	23 29	0 8	17 15	3 49	4 14	0 43	21 53	1 19	20 34	1 32	10 10	0 45	5 47	1 57	33 52	11 57	1 7	1 23	18 21			n.a.
S 19	22 19	28 50	5 1	23 41	0s 1	17 30	3 45	4 28	0 44	21 54	1 20	20 32	1 32	10 9	0 45	5 48	1 57	33 52	11 57	1 2	1 22	18 24			n.a.
M20	22 10	27 58	4 55	23 53	0 10	17 44	3 41	4 42	0 45	21 56	1 20	20 30	1 32	10 8	0 45	5 48	1 57	33 52	11 57	0 56	1 20	18 26			n.a.
T 21	22 0	25 37	4 34	24 4	0 19	17 59	3 37	4 56	0 46	21 58	1 20	20 28	1 32	10 7	0 45	5 48	1 57	33 53	11 57	0 51	1 19	18 29			n.a.
W22	21 50	21 53	3 58	24 15	0 27	18 13	3 33	5 10	0 46	22 0	1 20	20 26	1 32	10 6	0 45	5 49	1 57	33 53	11 57	0 47	1 18	18 32			n.a.
T 23	21 40	16 59	3 9	24 24	0 35	18 27	3 29	5 24	0 47	22 1	1 20	20 25	1 32	10 5	0 45	5 49	1 57	33 53	11 57	0 44	1 16	18 35			n.a.
F 24	21 29	11 12	2 9	24 32	0 43	18 40	3 25	5 38	0 47	22 3	1 20	20 23	1 32	10 3	0 45	5 49	1 57	33 54	11 57	0 41	1 15	18 38			n.a.
S 25	21 18	4 50	1 0	24 39	0 50	18 54	3 21	5 52	0 48	22 5	1 20	20 21	1 32	10 2	0 45	5 50	1 57	33 54	11 57	0 40	1 14	18 40			n.a.
S 26	21 6	1n49	0n13	24 45	0 58	19 7	3 16	6 6	0 49	22 7	1 21	20 19	1 32	10 1	0 45	5 50	1 57	33 54	11 57	0 40	1 13	18 43			n.a.
M27	20 54	8 28	1 26	24 49	1 4	19 20	3 12	6 20	0 49	22 8	1 21	20 17	1 32	10 0	0 45	5 50	1 57	33 55	11 57	0 40	1 11	18 46			n.a.
T 28	20 42	14 46	2 34	24 53	1 11	19 32	3 8	6 34	0 50	22 10	1 21	20 15	1 32	9 59	0 45	5 51	1 57	33 55	11 57	0 40	1 10	18 49			n.a.
W29	20 29	20 21	3 34	24 55	1 17	19 44	3 3	6 48	0 51	22 12	1 21	20 13	1 32	9 58	0 45	5 51	1 57	33 55	11 57	0 40	1 9	18 51			n.a.
T 30	20 16	24 49	4 21	24 56	1 23	19 56	2 59	7 2	0 51	22 14	1 21	20 11	1 32	9 57	0 45	5 52	1 57	33 56	11 57	0 39	1 7	18 54			n.a.
F 31	20s 3	27n46	4n52	24s55	1s29	20s 8	2n54	7n16	0n52	22n15	1n21	20s 9	1s32	9s56	0s45	5n52	1n57	33n56	11n57	0n36	1n 6	18s57			n.a.

Julian Day Number = 1352520.5, Delta T = 07h06m03s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'08, Lahiri = -17°54'08 Julian Calendar 1 Jan. 1010 BCE == Greg. Calendar 22 Dec. 1011 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

FEBRUARY 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 3 55	2♒54'36	29♊ 5	11♉27	16♐31	16♈46	27°R40	7♒40	6♓37	19°R51	21°R 2	1°R22	2♈41	12♏34	n.a.	S 1
S 2	8 7 52	3°54'25	13♋19	12°57	17°34	17°20	27♋32	7°47	6°40	19♍50	21♋ 0	1♈13	2°38	12°41	n.a.	S 2
M 3	8 11 48	4°54'11	27°21	14°29	18°37	17°55	27°24	7°55	6°43	19°49	20°59	1° 3	2°34	12°47	n.a.	M 3
T 4	8 15 45	5°53'56	11♌ 7	16° 2	19°40	18°29	27°16	8° 2	6°46	19°48	20°57	0°54	2°31	12°54	n.a.	T 4
W 5	8 19 41	6°53'38	24°34	17°37	20°43	19° 3	27° 9	8°10	6°49	19°47	20°56	0°47	2°28	13° 1	n.a.	W 5
T 6	8 23 38	7°53'18	7♍40	19°12	21°47	19°38	27° 1	8°18	6°52	19°46	20°54	0°42	2°25	13° 7	n.a.	T 6
F 7	8 27 34	8°52'56	20°25	20°49	22°51	20°12	26°53	8°25	6°56	19°45	20°53	0°40	2°22	13°14	n.a.	F 7
S 8	8 31 31	9°52'32	2♎50	22°27	23°55	20°47	26°46	8°33	6°59	19°44	20°52	0°D39	2°18	13°21	n.a.	S 8
S 9	8 35 28	10°52'06	15° 0	24° 7	25° 0	21°22	26°39	8°40	7° 2	19°43	20°50	0°40	2°15	13°27	n.a.	S 9
M10	8 39 24	11°51'38	26°58	25°47	26° 4	21°56	26°31	8°48	7° 5	19°41	20°49	0°41	2°12	13°34	n.a.	M10
T 11	8 43 21	12°51'08	8♏49	27°29	27° 9	22°31	26°24	8°55	7° 8	19°40	20°47	0°R42	2° 9	13°41	n.a.	T 11
W12	8 47 17	13°50'37	20°39	29°12	28°14	23° 6	26°17	9° 3	7°11	19°39	20°46	0°42	2° 6	13°48	n.a.	W12
T 13	8 51 14	14°50'03	2♐33	0♒56	29°19	23°41	26°10	9°10	7°15	19°38	20°45	0°40	2° 3	13°54	n.a.	T 13
F 14	8 55 10	15°49'28	14°36	2°42	0♑25	24°16	26° 2	9°18	7°18	19°36	20°43	0°36	1°59	14° 1	n.a.	F 14
S 15	8 59 7	16°48'51	26°51	4°29	1°30	24°51	25°55	9°25	7°21	19°35	20°42	0°31	1°56	14° 8	n.a.	S 15
S 16	9 3 3	17°48'12	9♑23	6°17	2°36	25°25	25°49	9°33	7°24	19°34	20°41	0°24	1°53	14°14	n.a.	S 16
M17	9 7 0	18°47'30	22°12	8° 6	3°42	26° 0	25°42	9°40	7°28	19°33	20°39	0°16	1°50	14°21	n.a.	M17
T 18	9 10 57	19°46'47	5♒20	9°57	4°48	26°36	25°35	9°47	7°31	19°31	20°38	0° 9	1°47	14°28	n.a.	T 18
W19	9 14 53	20°46'02	18°46	11°49	5°55	27°11	25°29	9°55	7°34	19°30	20°37	0° 3	1°44	14°34	n.a.	W19
T 20	9 18 50	21°45'14	2♓28	13°43	7° 1	27°46	25°22	10° 2	7°37	19°28	20°35	29♓59	1°40	14°41	n.a.	T 20
F 21	9 22 46	22°44'24	16°22	15°37	8° 8	28°21	25°16	10°10	7°41	19°27	20°34	29°56	1°37	14°48	n.a.	F 21
S 22	9 26 43	23°43'32	0♈25	17°33	9°14	28°56	25°10	10°17	7°44	19°26	20°33	29°D55	1°34	14°54	n.a.	S 22
S 23	9 30 39	24°42'37	14°35	19°31	10°21	29°31	25° 4	10°25	7°47	19°24	20°32	29°56	1°31	15° 1	n.a.	S 23
M24	9 34 36	25°41'40	28°47	21°29	11°28	0♉ 7	24°58	10°32	7°51	19°23	20°30	29°57	1°28	15° 8	n.a.	M24
T 25	9 38 32	26°40'40	13♉ 0	23°29	12°35	0°42	24°52	10°39	7°54	19°21	20°29	29°59	1°24	15°14	n.a.	T 25
W26	9 42 29	27°39'39	27°11	25°30	13°43	1°17	24°46	10°47	7°58	19°20	20°28	29°R59	1°21	15°21	n.a.	W26
T 27	9 46 25	28°38'34	11♊19	27°32	14°50	1°53	24°41	10°54	8° 1	19°18	20°27	29°59	1°18	15°28	n.a.	T 27
F 28	9 50 22	29♒37'28	25♊21	29♒35	15♉58	2♉28	24♋36	11♒ 1	8♓ 4	19♍17	20♋26	29♓57	1♈15	15♏34	n.a.	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s49	28n53	5n 4	24s53	1s34	20s19	2n50	7n29	0n52	22n17	1n21	20s 8	1s32	9s55	0s45	5n53	1n58	33n56	11n57	0n33	1n 5	19s 0		n.a.
S 2	19 35	28 4	4 58	24 49	1 39	20 29	2 45	7 43	0 53	22 19	1 21	20 6	1 32	9 54	0 45	5 53	1 58	33 56	11 57	0 29	1 4	19 2		n.a.
M 3	19 20	25 29	4 33	24 44	1 44	20 39	2 40	7 57	0 53	22 20	1 21	20 4	1 32	9 52	0 45	5 53	1 58	33 57	11 57	0 25	1 2	19 5		n.a.
T 4	19 6	21 26	3 53	24 37	1 48	20 49	2 36	8 11	0 54	22 22	1 21	20 2	1 32	9 51	0 45	5 54	1 58	33 57	11 57	0 22	1 1	19 8		n.a.
W 5	18 51	16 22	3 1	24 29	1 52	20 59	2 31	8 25	0 54	22 23	1 21	20 0	1 32	9 50	0 45	5 54	1 58	33 57	11 57	0 19	1 0	19 11		n.a.
T 6	18 35	10 41	2 0	24 19	1 55	21 7	2 26	8 38	0 55	22 25	1 21	19 58	1 32	9 49	0 45	5 55	1 58	33 57	11 57	0 17	0 58	19 13		n.a.
F 7	18 19	4 42	0 55	24 7	1 58	21 16	2 22	8 52	0 55	22 26	1 21	19 56	1 32	9 48	0 45	5 55	1 58	33 57	11 57	0 16	0 57	19 16		n.a.
S 8	18 3	1s19	0s12	23 54	2 1	21 24	2 17	9 6	0 56	22 28	1 21	19 54	1 33	9 47	0 45	5 56	1 58	33 58	11 57	0 16	0 56	19 19		n.a.
S 9	17 47	7 10	1 17	23 39	2 3	21 31	2 12	9 20	0 56	22 29	1 21	19 52	1 33	9 45	0 45	5 56	1 58	33 58	11 57	0 16	0 55	19 21		n.a.
M10	17 30	12 40	2 17	23 22	2 5	21 38	2 7	9 33	0 57	22 31	1 21	19 50	1 33	9 44	0 45	5 57	1 58	33 58	11 57	0 17	0 53	19 24		n.a.
T 11	17 13	17 40	3 11	23 3	2 6	21 45	2 3	9 47	0 57	22 32	1 22	19 48	1 33	9 43	0 45	5 57	1 58	33 58	11 57	0 17	0 52	19 27		n.a.
W12	16 56	22 0	3 57	22 43	2 7	21 51	1 58	10 0	0 58	22 34	1 22	19 46	1 33	9 42	0 45	5 58	1 58	33 58	11 57	0 17	0 51	19 29		n.a.
T 13	16 38	25 27	4 33	22 20	2 7	21 56	1 53	10 14	0 58	22 35	1 22	19 44	1 33	9 40	0 45	5 58	1 58	33 59	11 57	0 16	0 50	19 32		n.a.
F 14	16 21	27 50	4 57	21 56	2 7	22 1	1 48	10 27	0 59	22 37	1 22	19 42	1 33	9 39	0 45	5 59	1 58	33 59	11 57	0 15	0 48	19 35		n.a.
S 15	16 3	28 55	5 8	21 30	2 7	22 5	1 44	10 41	0 59	22 38	1 22	19 40	1 33	9 38	0 44	6 0	1 58	33 59	11 57	0 12	0 47	19 38		n.a.
S 16	15 44	28 33	5 5	21 2	2 6	22 9	1 39	10 54	0 59	22 39	1 22	19 38	1 33	9 37	0 44	6 0	1 58	33 59	11 57	0 10	0 46	19 40		n.a.
M17	15 26	26 40	4 47	20 32	2 4	22 12	1 34	11 8	1 0	22 40	1 22	19 36	1 33	9 36	0 44	6 1	1 58	33 59	11 56	0 7	0 44	19 43		n.a.
T 18	15 7	23 19	4 13	20 0	2 2	22 15	1 29	11 21	1 0	22 42	1 21	19 34	1 33	9 34	0 44	6 1	1 58	33 59	11 56	0 4	0 43	19 46		n.a.
W19	14 48	18 40	3 25	19 26	2 0	22 17	1 25	11 34	1 1	22 43	1 21	19 32	1 33	9 33	0 44	6 2	1 58	33 59	11 56	0 1	0 42	19 48		n.a.
T 20	14 29	12 59	2 24	18 50	1 57	22 18	1 20	11 47	1 1	22 44	1 21	19 30	1 33	9 32	0 44	6 2	1 58	33 59	11 56	0s 1	0 41	19 51		n.a.
F 21	14 9	6 35	1 13	18 12	1 53	22 19	1 15	12 1	1 1	22 45	1 21	19 29	1 34	9 30	0 44	6 3	1 58	34 0	11 56	0 2	0 39	19 54		n.a.
S 22	13 49	0n13	0n 3	17 32	1 49	22 19	1 11	12 14	1 2	22 46	1 21	19 27	1 34	9 29	0 44	6 4	1 59	34 0	11 56	0 2	0 38	19 56		n.a.
S 23	13 29	7 3	1 19	16 51	1 44	22 19	1 6	12 27	1 2	22 47	1 21	19 25	1 34	9 28	0 44	6 4	1 59	34 0	11 56	0 2	0 37	19 59		n.a.
M24	13 9	13 34	2 31	16 7	1 39	22 18	1 1	12 40	1 3	22 48	1 21	19 23	1 34	9 27	0 44	6 5	1 59	34 0	11 56	0 1	0 35	20 1		n.a.
T 25	12 49	19 22	3 34	15 22	1 33	22 16	0 57	12 53	1 3	22 49	1 21	19 21	1 34	9 25	0 44	6 5	1 59	34 0	11 55	0 1	0 34	20 4		n.a.
W26	12 29	24 6	4 23	14 35	1 27	22 14	0 52	13 6	1 3	22 50	1 21	19 19	1 34	9 24	0 44	6 6	1 59	34 0	11 55	0 0	0 33	20 7		n.a.
T 27	12 8	27 23	4 56	13 46	1 20	22 11	0 48	13 18	1 4	22 51	1 21	19 17	1 34	9 23	0 44	6 7	1 59	34 0	11 55	0 1	0 32	20 9		n.a.
F 28	11s47	28n55	5n11	12s55	1s12	22s 8	0n43	13n31	1n 4	22n52	1n21	19s15	1s34	9s21	0s44	6n 7	1n59	34n 0	11n55	0s 1	0n30	20s12		n.a.

Julian Day Number = 1352551.5, Delta T = 07h06m01s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'04, Lahiri = -17°54'04 Julian Calendar 1 Feb. 1010 BCE == Greg. Calendar 22 Jan. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

MARCH 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 54 19	0♓36'18	9♋17	1♓39	17♉ 5	3♉ 4	24°R30	11♒ 8	8♓ 8	19°R15	20°R25	29°R53	1♈12	15♏41	n.a.	S 1
S 2	9 58 15	1°35'07	23° 2	3°43	18°13	3°39	24♋25	11°16	8°11	19♍14	20♋24	29♓49	1° 9	15°48	n.a.	S 2
M 3	10 2 12	2°33'53	6♌36	5°48	19°21	4°15	24°20	11°23	8°14	19°12	20°23	29°45	1° 5	15°55	n.a.	M 3
T 4	10 6 8	3°32'37	19°57	7°53	20°29	4°50	24°16	11°30	8°18	19°11	20°22	29°41	1° 2	16° 1	n.a.	T 4
W 5	10 10 5	4°31'18	3♍ 2	9°59	21°37	5°26	24°11	11°37	8°21	19° 9	20°21	29°38	0°59	16° 8	n.a.	W 5
T 6	10 14 1	5°29'58	15°52	12° 4	22°45	6° 2	24° 7	11°44	8°25	19° 8	20°20	29°36	0°56	16°15	n.a.	T 6
F 7	10 17 58	6°28'35	28°25	14° 9	23°53	6°37	24° 2	11°51	8°28	19° 6	20°19	29°D35	0°53	16°21	n.a.	F 7
S 8	10 21 54	7°27'10	10♎45	16°13	25° 2	7°13	23°58	11°58	8°32	19° 4	20°18	29°36	0°50	16°28	n.a.	S 8
S 9	10 25 51	8°25'44	22°52	18°16	26°10	7°48	23°54	12° 5	8°35	19° 3	20°17	29°37	0°46	16°35	n.a.	S 9
M10	10 29 47	9°24'15	4♏49	20°17	27°19	8°24	23°51	12°12	8°38	19° 1	20°16	29°38	0°43	16°41	n.a.	M10
T 11	10 33 44	10°22'45	16°42	22°17	28°28	9° 0	23°47	12°19	8°42	19° 0	20°15	29°40	0°40	16°48	n.a.	T 11
W12	10 37 41	11°21'13	28°33	24°14	29°36	9°36	23°44	12°26	8°45	18°58	20°14	29°41	0°37	16°55	n.a.	W12
T 13	10 41 37	12°19'40	10♐27	26° 9	0♒45	10°11	23°40	12°33	8°49	18°56	20°13	29°R42	0°34	17° 1	n.a.	T 13
F 14	10 45 34	13°18'04	22°30	28° 2	1°54	10°47	23°37	12°40	8°52	18°55	20°12	29°41	0°30	17° 8	n.a.	F 14
S 15	10 49 30	14°16'27	4♑46	29°51	3° 3	11°23	23°34	12°47	8°55	18°53	20°12	29°40	0°27	17°15	n.a.	S 15
S 16	10 53 27	15°14'48	17°18	1♈37	4°12	11°59	23°32	12°54	8°59	18°51	20°11	29°39	0°24	17°21	n.a.	S 16
M17	10 57 23	16°13'08	0♒11	3°20	5°21	12°35	23°29	13° 0	9° 2	18°50	20°10	29°37	0°21	17°28	n.a.	M17
T 18	11 1 20	17°11'26	13°26	4°58	6°31	13°11	23°27	13° 7	9° 6	18°48	20°10	29°35	0°18	17°35	n.a.	T 18
W19	11 5 16	18° 9'42	27° 4	6°33	7°40	13°47	23°24	13°14	9° 9	18°47	20° 9	29°34	0°15	17°42	n.a.	W19
T 20	11 9 13	19° 7'56	11♓ 3	8° 4	8°49	14°23	23°22	13°20	9°12	18°45	20° 8	29°33	0°11	17°48	n.a.	T 20
F 21	11 13 10	20° 6'08	25°19	9°30	9°59	14°59	23°21	13°27	9°16	18°43	20° 8	29°D33	0° 8	17°55	n.a.	F 21
S 22	11 17 6	21° 4'18	9♈49	10°53	11° 8	15°35	23°19	13°33	9°19	18°42	20° 7	29°33	0° 5	18° 2	n.a.	S 22
S 23	11 21 3	22° 2'26	24°26	12°10	12°18	16°11	23°18	13°40	9°22	18°40	20° 6	29°33	0° 2	18° 8	n.a.	S 23
M24	11 24 59	23° 0'33	9♉ 3	13°23	13°28	16°47	23°16	13°46	9°26	18°38	20° 6	29°34	29♓59	18°15	n.a.	M24
T 25	11 28 56	23°58'37	23°37	14°32	14°37	17°23	23°15	13°53	9°29	18°37	20° 5	29°34	29°56	18°22	n.a.	T 25
W26	11 32 52	24°56'39	8♊ 1	15°35	15°47	17°59	23°14	13°59	9°33	18°35	20° 5	29°35	29°52	18°28	n.a.	W26
T 27	11 36 49	25°54'40	22°12	16°34	16°57	18°35	23°14	14° 5	9°36	18°34	20° 4	29°R35	29°49	18°35	n.a.	T 27
F 28	11 40 45	26°52'38	6♋ 9	17°28	18° 7	19°11	23°13	14°12	9°39	18°32	20° 4	29°35	29°46	18°42	n.a.	F 28
S 29	11 44 42	27°50'34	19°50	18°17	19°17	19°47	23°13	14°18	9°42	18°30	20° 4	29°35	29°43	18°48	n.a.	S 29
S 30	11 48 39	28°48'29	3♌16	19° 1	20°27	20°24	23°D13	14°24	9°46	18°29	20° 3	29°35	29°40	18°55	n.a.	S 30
M31	11 52 35	29♓46'21	16♌27	19♈39	21♒37	21♉ 0	23♋13	14♒30	9♓49	18♍27	20♋ 3	29°D34	29♓36	19♏ 2	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	11s26	28n37	5n 8	12s 3	1s 4	22s 4	0n39	13n44	1n 4	22n53	1n21	19s13	1s34	9s20	0s44	6n 8	1n59	34n 0	11n55	0s 3	0n29	20s15		n.a.	
S 2	11 5	26 32	4 47	11 10	0 55	21 59	0 34	13 57	1 5	22 54	1 21	19 11	1 34	9 19	0 44	6 9	1 59	34 0	11 55	0 4	0 28	20 17		n.a.	
M 3	10 43	22 57	4 11	10 15	0 46	21 54	0 30	14 9	1 5	22 55	1 21	19 9	1 35	9 18	0 44	6 9	1 59	34 0	11 55	0 6	0 26	20 20		n.a.	
T 4	10 22	18 14	3 21	9 19	0 37	21 48	0 26	14 22	1 5	22 56	1 21	19 7	1 35	9 16	0 44	6 10	1 59	34 0	11 54	0 8	0 25	20 22		n.a.	
W 5	10 0	12 44	2 21	8 21	0 27	21 42	0 21	14 34	1 6	22 56	1 21	19 5	1 35	9 15	0 44	6 11	1 59	34 0	11 54	0 9	0 24	20 25		n.a.	
T 6	9 38	6 48	1 15	7 24	0 16	21 35	0 17	14 46	1 6	22 57	1 21	19 3	1 35	9 14	0 44	6 11	1 59	34 0	11 54	0 10	0 23	20 28		n.a.	
F 7	9 17	0 44	0 6	6 25	0 6	21 27	0 13	14 59	1 6	22 58	1 20	19 1	1 35	9 12	0 44	6 12	1 59	34 0	11 54	0 10	0 21	20 30		n.a.	
S 8	8 54	5s15	1s 1	5 26	0n 5	21 19	0 9	15 11	1 6	22 58	1 20	19 0	1 35	9 11	0 44	6 12	1 59	34 0	11 54	0 10	0 20	20 33		n.a.	
S 9	8 32	10 57	2 5	4 27	0 17	21 10	0 5	15 23	1 7	22 59	1 20	18 58	1 35	9 10	0 44	6 13	1 59	34 0	11 53	0 9	0 19	20 35		n.a.	
M10	8 10	16 11	3 2	3 29	0 28	21 1	0 1	15 35	1 7	23 0	1 20	18 56	1 35	9 8	0 44	6 14	1 59	34 0	11 53	0 9	0 17	20 38		n.a.	
T 11	7 48	20 47	3 51	2 30	0 40	20 51	0s 3	15 47	1 7	23 0	1 20	18 54	1 36	9 7	0 44	6 14	1 59	34 0	11 53	0 8	0 16	20 40		n.a.	
W12	7 25	24 32	4 31	1 33	0 51	20 40	0 7	15 59	1 8	23 1	1 20	18 52	1 36	9 6	0 44	6 15	1 59	34 0	11 53	0 8	0 15	20 43		n.a.	
T 13	7 3	27 17	4 58	0 36	1 2	20 29	0 11	16 11	1 8	23 1	1 20	18 50	1 36	9 5	0 44	6 16	1 59	34 0	11 53	0 7	0 14	20 45		n.a.	
F 14	6 40	28 49	5 13	0n20	1 14	20 17	0 15	16 22	1 8	23 1	1 20	18 48	1 36	9 3	0 44	6 16	1 59	34 0	11 52	0 7	0 12	20 48		n.a.	
S 15	6 17	28 58	5 15	1 14	1 25	20 5	0 18	16 34	1 8	23 2	1 20	18 46	1 36	9 2	0 44	6 17	1 59	34 0	11 52	0 8	0 11	20 51		n.a.	
S 16	5 54	27 39	5 1	2 6	1 35	19 52	0 22	16 45	1 9	23 2	1 19	18 45	1 36	9 1	0 44	6 18	1 59	33 59	11 52	0 8	0 10	20 53		n.a.	
M17	5 31	24 51	4 32	2 57	1 45	19 38	0 25	16 57	1 9	23 3	1 19	18 43	1 36	8 59	0 44	6 18	1 59	33 59	11 52	0 9	0 8	20 56		n.a.	
T 18	5 8	20 41	3 48	3 46	1 55	19 24	0 29	17 8	1 9	23 3	1 19	18 41	1 37	8 58	0 44	6 19	1 59	33 59	11 52	0 10	0 7	20 58		n.a.	
W19	4 45	15 21	2 50	4 32	2 4	19 10	0 32	17 19	1 9	23 3	1 19	18 39	1 37	8 57	0 44	6 20	1 59	33 59	11 51	0 11	0 6	21 1		n.a.	
T 20	4 22	9 5	1 41	5 17	2 13	18 55	0 36	17 31	1 9	23 3	1 19	18 37	1 37	8 56	0 44	6 20	1 59	33 59	11 51	0 11	0 5	21 3		n.a.	
F 21	3 59	2 15	0 23	5 59	2 21	18 39	0 39	17 42	1 10	23 3	1 19	18 36	1 37	8 54	0 44	6 21	1 59	33 59	11 51	0 11	0 3	21 6		n.a.	
S 22	3 36	4n49	0n57	6 38	2 28	18 23	0 42	17 53	1 10	23 4	1 19	18 34	1 37	8 53	0 44	6 22	1 59	33 59	11 51	0 11	0 2	21 8		n.a.	
S 23	3 12	11 41	2 14	7 15	2 35	18 6	0 45	18 3	1 10	23 4	1 19	18 32	1 37	8 52	0 44	6 22	1 59	33 59	11 50	0 11	0 1	21 11		n.a.	
M24	2 49	17 55	3 22	7 49	2 41	17 49	0 49	18 14	1 10	23 4	1 18	18 30	1 37	8 50	0 44	6 23	1 59	33 58	11 50	0 11	0s 1	21 13		n.a.	
T 25	2 26	23 6	4 17	8 21	2 46	17 31	0 52	18 25	1 10	23 4	1 18	18 29	1 38	8 49	0 44	6 24	1 59	33 58	11 50	0 10	0 2	21 16		n.a.	
W26	2 2	26 50	4 55	8 50	2 50	17 13	0 54	18 35	1 11	23 4	1 18	18 27	1 38	8 48	0 44	6 24	1 59	33 58	11 50	0 10	0 3	21 18		n.a.	
T 27	1 39	28 49	5 14	9 16	2 53	16 55	0 57	18 46	1 11	23 4	1 18	18 25	1 38	8 47	0 44	6 25	1 59	33 58	11 49	0 10	0 4	21 21		n.a.	
F 28	1 16	28 55	5 15	9 39	2 55	16 36	1 0	18 56	1 11	23 4	1 18	18 24	1 38	8 45	0 44	6 26	1 59	33 58	11 49	0 10	0 6	21 23		n.a.	
S 29	0 52	27 14	4 58	9 59	2 56	16 16	1 3	19 6	1 11	23 4	1 18	18 22	1 38	8 44	0 44	6 26	1 59	33 58	11 49	0 10	0 7	21 26		n.a.	
S 30	0 29	24 0	4 24	10 16	2 56	15 56	1 5	19 16	1 11	23 4	1 18	18 20	1 38	8 43	0 44	6 27	1 59	33 57	11 49	0 10	0 8	21 28		n.a.	
M31	0s 6	19n36	3n37	10n30	2n55	15s36	1s 8	19n26	1n12	23n 3	1n17	18s19	1s39	8s42	0s44	6n27	1n59	33n57	11n48	0s10	0s10	21s30		n.a.	

Julian Day Number = 1352579.5, Delta T = 07h06m00s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°01'00, Lahiri = -17°54'00 Julian Calendar 1 March 1010 BCE == Greg. Calendar 19 Feb. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

APRIL 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 56 32	0♈44'11	29♌24	20♈13	22♒47	21♉36	23♋13	14♒36	9♓52	18°R25	20°R 3	29♓35	29♓33	19♏ 8	n.a.	T 1
W 2	12 0 28	1°42'00	12♍ 6	20°42	23°57	22°12	23°13	14°42	9°55	18♍24	20♋ 2	29°35	29°30	19°15	n.a.	W 2
T 3	12 4 25	2°39'46	24°37	21° 5	25° 7	22°49	23°14	14°48	9°59	18°22	20° 2	29°R35	29°27	19°22	n.a.	T 3
F 4	12 8 21	3°37'31	6♎56	21°23	26°18	23°25	23°15	14°54	10° 2	18°21	20° 2	29°35	29°24	19°29	n.a.	F 4
S 5	12 12 18	4°35'15	19° 5	21°36	27°28	24° 1	23°16	14°59	10° 5	18°19	20° 2	29°35	29°21	19°35	n.a.	S 5
S 6	12 16 14	5°32'57	1♏ 6	21°44	28°38	24°37	23°17	15° 5	10° 8	18°18	20° 1	29°34	29°17	19°42	n.a.	S 6
M 7	12 20 11	6°30'38	13° 1	21°R47	29°49	25°14	23°18	15°11	10°11	18°16	20° 1	29°33	29°14	19°49	n.a.	M 7
T 8	12 24 7	7°28'17	24°52	21°46	0♓59	25°50	23°20	15°16	10°15	18°15	20° 1	29°32	29°11	19°55	n.a.	T 8
W 9	12 28 4	8°25'56	6♐44	21°39	2°10	26°26	23°21	15°22	10°18	18°13	20° 1	29°31	29° 8	20° 2	n.a.	W 9
T 10	12 32 1	9°23'33	18°38	21°28	3°20	27° 3	23°23	15°27	10°21	18°12	20° 1	29°30	29° 5	20° 9	n.a.	T 10
F 11	12 35 57	10°21'09	0♑41	21°12	4°31	27°39	23°25	15°33	10°24	18°10	20°D 1	29°29	29° 1	20°15	n.a.	F 11
S 12	12 39 54	11°18'43	12°55	20°53	5°42	28°16	23°27	15°38	10°27	18° 9	20° 1	29°D29	28°58	20°22	n.a.	S 12
S 13	12 43 50	12°16'17	25°25	20°30	6°53	28°52	23°30	15°43	10°30	18° 7	20° 1	29°30	28°55	20°29	n.a.	S 13
M14	12 47 47	13°13'50	8♒15	20° 4	8° 3	29°29	23°32	15°48	10°33	18° 6	20° 1	29°30	28°52	20°35	n.a.	M14
T 15	12 51 43	14°11'21	21°29	19°35	9°14	0♊ 5	23°35	15°54	10°36	18° 4	20° 1	29°31	28°49	20°42	n.a.	T 15
W16	12 55 40	15° 8'52	5♓ 8	19° 4	10°25	0°41	23°38	15°59	10°39	18° 3	20° 1	29°33	28°46	20°49	n.a.	W16
T 17	12 59 36	16° 6'21	19°13	18°32	11°36	1°18	23°41	16° 4	10°42	18° 1	20° 1	29°33	28°42	20°56	n.a.	T 17
F 18	13 3 33	17° 3'49	3♈41	17°58	12°47	1°55	23°44	16° 9	10°45	18° 0	20° 2	29°R34	28°39	21° 2	n.a.	F 18
S 19	13 7 30	18° 1'16	18°28	17°24	13°58	2°31	23°47	16°13	10°48	17°59	20° 2	29°33	28°36	21° 9	n.a.	S 19
S 20	13 11 26	18°58'42	3♉27	16°50	15° 9	3° 8	23°51	16°18	10°50	17°57	20° 2	29°31	28°33	21°16	n.a.	S 20
M21	13 15 23	19°56'07	18°29	16°16	16°20	3°44	23°55	16°23	10°53	17°56	20° 2	29°29	28°30	21°22	n.a.	M21
T 22	13 19 19	20°53'31	3♊25	15°44	17°31	4°21	23°59	16°27	10°56	17°55	20° 3	29°26	28°27	21°29	n.a.	T 22
W23	13 23 16	21°50'54	18° 8	15°14	18°42	4°57	24° 3	16°32	10°59	17°53	20° 3	29°24	28°23	21°36	n.a.	W23
T 24	13 27 12	22°48'15	2♋32	14°46	19°53	5°34	24° 7	16°36	11° 2	17°52	20° 3	29°22	28°20	21°42	n.a.	T 24
F 25	13 31 9	23°45'35	16°33	14°21	21° 5	6°11	24°11	16°41	11° 4	17°51	20° 4	29°21	28°17	21°49	n.a.	F 25
S 26	13 35 6	24°42'53	0♌12	13°58	22°16	6°47	24°16	16°45	11° 7	17°50	20° 4	29°D20	28°14	21°56	n.a.	S 26
S 27	13 39 2	25°40'11	13°28	13°40	23°27	7°24	24°20	16°49	11°10	17°48	20° 5	29°21	28°11	22° 3	n.a.	S 27
M28	13 42 59	26°37'27	26°25	13°25	24°38	8° 1	24°25	16°53	11°12	17°47	20° 5	29°23	28° 7	22° 9	n.a.	M28
T 29	13 46 55	27°34'42	9♍ 5	13°14	25°50	8°38	24°30	16°58	11°15	17°46	20° 6	29°24	28° 4	22°16	n.a.	T 29
W30	13 50 52	28♈31'55	21♍31	13♈ 7	27♓ 1	9♊14	24♋35	17♒ 2	11♓17	17♍45	20♋ 6	29♓25	28♓ 1	22♏23	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n18	14n21	2n40	10n41	2n53	15s15	1s10	19n36	1n12	23n 3	1n17	18s17	1s39	8s40	0s44	6n28	1n59	33n57	11n48	0s10	0s11	21s33		n.a.
W 2	0 41	8 36	1 35	10 49	2 50	14 53	1 13	19 46	1 12	23 3	1 17	18 15	1 39	8 39	0 44	6 29	1 59	33 57	11 48	0 10	0 12	21 35		n.a.
T 3	1 5	2 36	0 28	10 55	2 46	14 32	1 15	19 56	1 12	23 3	1 17	18 14	1 39	8 38	0 44	6 29	1 59	33 57	11 48	0 10	0 13	21 38		n.a.
F 4	1 28	3s25	0s41	10 57	2 41	14 10	1 17	20 5	1 12	23 3	1 17	18 12	1 39	8 37	0 44	6 30	1 59	33 56	11 47	0 10	0 15	21 40		n.a.
S 5	1 51	9 13	1 46	10 56	2 34	13 47	1 20	20 14	1 12	23 2	1 17	18 11	1 40	8 35	0 44	6 31	1 59	33 56	11 47	0 10	0 16	21 43		n.a.
S 6	2 14	14 38	2 46	10 52	2 26	13 24	1 22	20 24	1 13	23 2	1 17	18 9	1 40	8 34	0 44	6 31	1 59	33 56	11 47	0 11	0 17	21 45		n.a.
M 7	2 37	19 27	3 38	10 45	2 18	13 1	1 24	20 33	1 13	23 2	1 16	18 8	1 40	8 33	0 44	6 32	1 59	33 56	11 47	0 11	0 18	21 47		n.a.
T 8	3 1	23 30	4 21	10 35	2 8	12 37	1 25	20 42	1 13	23 1	1 16	18 6	1 40	8 32	0 44	6 32	1 59	33 55	11 46	0 11	0 20	21 50		n.a.
W 9	3 24	26 34	4 52	10 22	1 57	12 13	1 27	20 51	1 13	23 1	1 16	18 5	1 40	8 31	0 45	6 33	1 59	33 55	11 46	0 12	0 21	21 52		n.a.
T 10	3 47	28 29	5 11	10 7	1 45	11 49	1 29	20 59	1 13	23 0	1 16	18 3	1 40	8 30	0 45	6 33	1 59	33 55	11 46	0 12	0 22	21 55		n.a.
F 11	4 10	29 5	5 16	9 49	1 31	11 25	1 31	21 8	1 13	23 0	1 16	18 2	1 41	8 28	0 45	6 34	1 59	33 55	11 45	0 12	0 24	21 57		n.a.
S 12	4 33	28 17	5 8	9 28	1 18	11 0	1 32	21 17	1 13	22 59	1 16	18 0	1 41	8 27	0 45	6 35	1 59	33 54	11 45	0 12	0 25	21 59		n.a.
S 13	4 55	26 3	4 45	9 6	1 3	10 34	1 34	21 25	1 13	22 59	1 15	17 59	1 41	8 26	0 45	6 35	1 59	33 54	11 45	0 12	0 26	22 2		n.a.
M14	5 18	22 27	4 7	8 41	0 47	10 9	1 35	21 33	1 14	22 58	1 15	17 57	1 41	8 25	0 45	6 36	1 59	33 54	11 45	0 12	0 27	22 4		n.a.
T 15	5 41	17 38	3 15	8 16	0 31	9 43	1 36	21 41	1 14	22 57	1 15	17 56	1 41	8 24	0 45	6 36	1 59	33 54	11 44	0 12	0 29	22 7		n.a.
W16	6 3	11 48	2 11	7 48	0 14	9 17	1 38	21 49	1 14	22 57	1 15	17 55	1 42	8 23	0 45	6 37	1 59	33 53	11 44	0 11	0 30	22 9		n.a.
T 17	6 26	5 12	0 57	7 20	0s 2	8 51	1 39	21 57	1 14	22 56	1 15	17 53	1 42	8 22	0 45	6 37	1 59	33 53	11 44	0 11	0 31	22 11		n.a.
F 18	6 48	1n50	0n23	6 51	0 20	8 24	1 40	22 5	1 14	22 55	1 15	17 52	1 42	8 20	0 45	6 38	1 59	33 53	11 44	0 11	0 33	22 14		n.a.
S 19	7 11	8 56	1 43	6 22	0 37	7 57	1 41	22 12	1 14	22 55	1 15	17 51	1 42	8 19	0 45	6 38	1 59	33 52	11 43	0 11	0 34	22 16		n.a.
S 20	7 33	15 37	2 56	5 54	0 54	7 30	1 42	22 20	1 14	22 54	1 14	17 50	1 43	8 18	0 45	6 39	1 59	33 52	11 43	0 12	0 35	22 18		n.a.
M21	7 55	21 24	3 58	5 25	1 10	7 3	1 43	22 27	1 14	22 53	1 14	17 48	1 43	8 17	0 45	6 39	1 59	33 52	11 43	0 13	0 36	22 21		n.a.
T 22	8 17	25 48	4 43	4 58	1 26	6 35	1 43	22 34	1 14	22 52	1 14	17 47	1 43	8 16	0 45	6 40	1 59	33 51	11 42	0 14	0 38	22 23		n.a.
W23	8 39	28 24	5 8	4 32	1 42	6 8	1 44	22 41	1 14	22 51	1 14	17 46	1 43	8 15	0 45	6 40	1 59	33 51	11 42	0 15	0 39	22 25		n.a.
T 24	9 0	29 2	5 14	4 7	1 57	5 40	1 44	22 48	1 14	22 50	1 14	17 45	1 43	8 14	0 45	6 41	1 59	33 51	11 42	0 15	0 40	22 28		n.a.
F 25	9 22	27 44	5 0	3 44	2 11	5 12	1 45	22 54	1 15	22 49	1 14	17 44	1 44	8 13	0 45	6 41	1 58	33 50	11 42	0 16	0 42	22 30		n.a.
S 26	9 43	24 49	4 30	3 23	2 24	4 44	1 45	23 1	1 15	22 49	1 14	17 43	1 44	8 12	0 45	6 42	1 58	33 50	11 41	0 16	0 43	22 32		n.a.
S 27	10 4	20 39	3 46	3 4	2 37	4 15	1 46	23 7	1 15	22 48	1 13	17 41	1 44	8 11	0 45	6 42	1 58	33 50	11 41	0 16	0 44	22 35		n.a.
M28	10 26	15 35	2 51	2 48	2 48	3 47	1 46	23 13	1 15	22 47	1 13	17 40	1 44	8 10	0 45	6 43	1 58	33 49	11 41	0 15	0 45	22 37		n.a.
T 29	10 47	9 58	1 49	2 35	2 58	3 18	1 46	23 19	1 15	22 45	1 13	17 39	1 45	8 9	0 45	6 43	1 58	33 49	11 41	0 14	0 47	22 39		n.a.
W30	11n 7	4n 5	0n43	2n24	3s 7	2s49	1s46	23n25	1n15	22n44	1n13	17s38	1s45	8s 8	0s45	6n44	1n58	33n49	11n40	0s14	0s48	22s41		n.a.

Julian Day Number = 1352610.5, Delta T = 07h05m58s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'56, Lahiri = -17°53'56 Julian Calendar 1 Apr. 1010 BCE == Greg. Calendar 22 March 1010 BCE

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

MAY 1010 BCE (-1009) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 54 48	29♈29'08	3♎45	13°D 5	28♓12	9♊51	24♋41	17♒ 5	11♓20	17°R44	20♋ 7	29°R26	27♓58	22♏29	n.a.	T 1
F 2	13 58 45	0♉26'20	15°51	13♈ 7	29°24	10°28	24°46	17° 9	11°23	17♍43	20° 7	29♓24	27°55	22°36	n.a.	F 2
S 3	14 2 41	1°23'31	27°51	13°14	0♈35	11° 5	24°52	17°13	11°25	17°42	20° 8	29°22	27°52	22°43	n.a.	S 3
S 4	14 6 38	2°20'42	9♏45	13°25	1°47	11°41	24°57	17°17	11°27	17°41	20° 8	29°18	27°48	22°49	n.a.	S 4
M 5	14 10 34	3°17'51	21°37	13°40	2°58	12°18	25° 3	17°20	11°30	17°39	20° 9	29°12	27°45	22°56	n.a.	M 5
T 6	14 14 31	4°15'01	3♐29	14° 1	4°10	12°55	25° 9	17°24	11°32	17°38	20°10	29° 6	27°42	23° 3	n.a.	T 6
W 7	14 18 28	5°12'10	15°21	14°25	5°22	13°32	25°16	17°27	11°35	17°37	20°11	29° 0	27°39	23° 9	n.a.	W 7
T 8	14 22 24	6° 9'18	27°17	14°54	6°33	14° 9	25°22	17°30	11°37	17°37	20°11	28°54	27°36	23°16	n.a.	T 8
F 9	14 26 21	7° 6'26	9♑20	15°28	7°45	14°46	25°28	17°34	11°39	17°36	20°12	28°49	27°33	23°23	n.a.	F 9
S 10	14 30 17	8° 3'34	21°34	16° 5	8°57	15°22	25°35	17°37	11°41	17°35	20°13	28°46	27°29	23°30	n.a.	S 10
S 11	14 34 14	9° 0'41	4♒ 2	16°47	10° 8	15°59	25°42	17°40	11°44	17°34	20°14	28°D45	27°26	23°36	n.a.	S 11
M12	14 38 10	9°57'49	16°48	17°33	11°20	16°36	25°48	17°43	11°46	17°33	20°15	28°45	27°23	23°43	n.a.	M12
T 13	14 42 7	10°54'56	29°56	18°23	12°32	17°13	25°55	17°45	11°48	17°32	20°16	28°46	27°20	23°50	n.a.	T 13
W14	14 46 4	11°52'03	13♓29	19°17	13°44	17°50	26° 3	17°48	11°50	17°31	20°16	28°47	27°17	23°56	n.a.	W14
T 15	14 50 0	12°49'10	27°30	20°15	14°56	18°27	26°10	17°51	11°52	17°31	20°17	28°R48	27°13	24° 3	n.a.	T 15
F 16	14 53 57	13°46'17	11♈58	21°16	16° 8	19° 4	26°17	17°53	11°54	17°30	20°18	28°47	27°10	24°10	n.a.	F 16
S 17	14 57 53	14°43'23	26°49	22°22	17°20	19°41	26°25	17°56	11°56	17°29	20°19	28°45	27° 7	24°16	n.a.	S 17
S 18	15 1 50	15°40'30	11♉56	23°31	18°32	20°18	26°32	17°58	11°58	17°28	20°20	28°40	27° 4	24°23	n.a.	S 18
M19	15 5 46	16°37'36	27°12	24°44	19°44	20°55	26°40	18° 0	12° 0	17°28	20°21	28°34	27° 1	24°30	n.a.	M19
T 20	15 9 43	17°34'43	12♊24	26° 0	20°56	21°33	26°48	18° 3	12° 2	17°27	20°23	28°27	26°58	24°37	n.a.	T 20
W21	15 13 39	18°31'49	27°23	27°20	22° 8	22°10	26°56	18° 5	12° 3	17°27	20°24	28°20	26°54	24°43	n.a.	W21
T 22	15 17 36	19°28'55	12♋ 1	28°43	23°20	22°47	27° 4	18° 7	12° 5	17°26	20°25	28°14	26°51	24°50	n.a.	T 22
F 23	15 21 33	20°26'00	26°12	0♉10	24°32	23°24	27°12	18° 9	12° 7	17°25	20°26	28° 9	26°48	24°57	n.a.	F 23
S 24	15 25 29	21°23'05	9♌55	1°41	25°45	24° 1	27°21	18°10	12° 9	17°25	20°27	28° 7	26°45	25° 3	n.a.	S 24
S 25	15 29 26	22°20'10	23°11	3°14	26°57	24°38	27°29	18°12	12°10	17°24	20°28	28°D 6	26°42	25°10	n.a.	S 25
M26	15 33 22	23°17'14	6♍ 3	4°51	28° 9	25°16	27°38	18°14	12°12	17°24	20°29	28° 7	26°38	25°17	n.a.	M26
T 27	15 37 19	24°14'18	18°35	6°32	29°21	25°53	27°46	18°15	12°13	17°24	20°31	28° 8	26°35	25°24	n.a.	T 27
W28	15 41 15	25°11'22	0♎52	8°15	0♉34	26°30	27°55	18°17	12°15	17°23	20°32	28°R 8	26°32	25°30	n.a.	W28
T 29	15 45 12	26° 8'26	12°57	10° 2	1°46	27° 7	28° 4	18°18	12°16	17°23	20°33	28° 7	26°29	25°37	n.a.	T 29
F 30	15 49 9	27° 5'30	24°54	11°52	2°59	27°45	28°13	18°19	12°18	17°22	20°35	28° 4	26°26	25°44	n.a.	F 30
S 31	15 53 5	28♉ 2'34	6♏47	13♉44	4♉11	28♊22	28♋22	18♒20	12♓19	17♍22	20♋36	27♓58	26♓23	25♏50	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	11n28	1s53	0s24	2n16	3s15	2s21	1s46	23n31	1n15	22n43	1n13	17s37	1s45	8s 7	0s45	6n44	1n58	33n48	11n40	0s14	0s49	22s44			n.a.
F 2	11 48	7 42	1 29	2 10	3 21	1 52	1 46	23 36	1 15	22 42	1 13	17 36	1 45	8 6	0 45	6 44	1 58	33 48	11 40	0 14	0 51	22 46			n.a.
S 3	12 9	13 11	2 29	2 8	3 27	1 23	1 46	23 42	1 15	22 41	1 13	17 35	1 45	8 5	0 45	6 45	1 58	33 48	11 39	0 15	0 52	22 48			n.a.
S 4	12 29	18 9	3 22	2 8	3 32	0 54	1 46	23 47	1 15	22 40	1 12	17 35	1 46	8 4	0 45	6 45	1 58	33 47	11 39	0 17	0 53	22 51			n.a.
M 5	12 49	22 25	4 7	2 11	3 35	0 24	1 45	23 52	1 15	22 39	1 12	17 34	1 46	8 3	0 45	6 46	1 58	33 47	11 39	0 19	0 54	22 53			n.a.
T 6	13 8	25 46	4 40	2 17	3 38	0n 5	1 45	23 57	1 15	22 37	1 12	17 33	1 46	8 2	0 45	6 46	1 58	33 46	11 39	0 22	0 56	22 55			n.a.
W 7	13 28	28 0	5 2	2 25	3 39	0 34	1 45	24 2	1 15	22 36	1 12	17 32	1 46	8 2	0 45	6 46	1 58	33 46	11 38	0 24	0 57	22 57			n.a.
T 8	13 47	28 57	5 10	2 36	3 39	1 3	1 44	24 6	1 15	22 35	1 12	17 31	1 47	8 1	0 45	6 47	1 58	33 46	11 38	0 27	0 58	23 0			n.a.
F 9	14 6	28 33	5 5	2 49	3 39	1 33	1 43	24 11	1 15	22 33	1 12	17 30	1 47	8 0	0 45	6 47	1 58	33 45	11 38	0 29	1 0	23 2			n.a.
S 10	14 25	26 46	4 46	3 5	3 37	2 2	1 43	24 15	1 15	22 32	1 12	17 30	1 47	7 59	0 45	6 47	1 58	33 45	11 38	0 30	1 1	23 4			n.a.
S 11	14 44	23 39	4 14	3 24	3 35	2 31	1 42	24 19	1 15	22 31	1 11	17 29	1 47	7 58	0 45	6 48	1 58	33 45	11 37	0 30	1 2	23 6			n.a.
M12	15 2	19 21	3 28	3 44	3 32	3 0	1 41	24 23	1 15	22 29	1 11	17 28	1 48	7 57	0 45	6 48	1 58	33 44	11 37	0 30	1 3	23 8			n.a.
T 13	15 20	14 0	2 30	4 7	3 28	3 30	1 40	24 27	1 15	22 28	1 11	17 28	1 48	7 57	0 45	6 48	1 58	33 44	11 37	0 30	1 5	23 11			n.a.
W14	15 38	7 51	1 22	4 32	3 23	3 59	1 39	24 30	1 15	22 26	1 11	17 27	1 48	7 56	0 45	6 48	1 58	33 43	11 37	0 29	1 6	23 13			n.a.
T 15	15 56	1 7	0 7	5 0	3 17	4 28	1 38	24 33	1 15	22 25	1 11	17 26	1 48	7 55	0 45	6 49	1 58	33 43	11 36	0 29	1 7	23 15			n.a.
F 16	16 13	5n53	1n11	5 29	3 11	4 57	1 37	24 37	1 15	22 23	1 11	17 26	1 49	7 54	0 45	6 49	1 58	33 43	11 36	0 29	1 9	23 17			n.a.
S 17	16 31	12 45	2 25	6 0	3 4	5 26	1 36	24 40	1 15	22 22	1 11	17 25	1 49	7 54	0 45	6 49	1 58	33 42	11 36	0 30	1 10	23 19			n.a.
S 18	16 48	19 0	3 31	6 32	2 57	5 55	1 35	24 43	1 15	22 20	1 11	17 25	1 49	7 53	0 45	6 49	1 57	33 42	11 36	0 32	1 11	23 22			n.a.
M19	17 4	24 6	4 23	7 7	2 49	6 24	1 34	24 45	1 15	22 18	1 10	17 24	1 49	7 52	0 45	6 50	1 57	33 41	11 35	0 35	1 12	23 24			n.a.
T 20	17 21	27 31	4 55	7 43	2 40	6 53	1 32	24 48	1 15	22 17	1 10	17 24	1 50	7 51	0 46	6 50	1 57	33 41	11 35	0 38	1 14	23 26			n.a.
W21	17 37	28 54	5 7	8 21	2 31	7 21	1 31	24 50	1 15	22 15	1 10	17 24	1 50	7 51	0 46	6 50	1 57	33 41	11 35	0 40	1 15	23 28			n.a.
T 22	17 53	28 13	4 58	9 0	2 21	7 50	1 29	24 52	1 15	22 13	1 10	17 23	1 50	7 50	0 46	6 50	1 57	33 40	11 35	0 43	1 16	23 30			n.a.
F 23	18 8	25 41	4 31	9 40	2 11	8 18	1 28	24 54	1 15	22 12	1 10	17 23	1 50	7 49	0 46	6 50	1 57	33 40	11 34	0 45	1 17	23 32			n.a.
S 24	18 24	21 43	3 49	10 22	2 1	8 46	1 26	24 56	1 15	22 10	1 10	17 22	1 51	7 49	0 46	6 50	1 57	33 39	11 34	0 46	1 19	23 35			n.a.
S 25	18 39	16 46	2 56	11 4	1 50	9 14	1 25	24 58	1 15	22 8	1 10	17 22	1 51	7 48	0 46	6 51	1 57	33 39	11 34	0 46	1 20	23 37			n.a.
M26	18 53	11 13	1 56	11 48	1 39	9 42	1 23	24 59	1 15	22 6	1 10	17 22	1 51	7 48	0 46	6 51	1 57	33 38	11 34	0 46	1 21	23 39			n.a.
T 27	19 8	5 22	0 51	12 32	1 27	10 9	1 21	25 0	1 15	22 4	1 10	17 22	1 51	7 47	0 46	6 51	1 57	33 38	11 34	0 45	1 23	23 41			n.a.
W28	19 22	0s34	0s15	13 17	1 16	10 37	1 19	25 1	1 15	22 2	1 9	17 22	1 52	7 47	0 46	6 51	1 57	33 38	11 33	0 45	1 24	23 43			n.a.
T 29	19 36	6 24	1 18	14 3	1 4	11 4	1 18	25 2	1 15	22 0	1 9	17 21	1 52	7 46	0 46	6 51	1 57	33 37	11 33	0 46	1 25	23 45			n.a.
F 30	19 49	11 56	2 18	14 48	0 52	11 31	1 16	25 3	1 15	21 58	1 9	17 21	1 52	7 46	0 46	6 51	1 57	33 37	11 33	0 47	1 26	23 47			n.a.
S 31	20n 2	17s 0	3s11	15n34	0s40	11n57	1s14	25n 4	1n15	21n56	1n 9	17s21	1s53	7s45	0s46	6n51	1n57	33n36	11n33	0s49	1s28	23s49			n.a.

Julian Day Number = 1352640.5, Delta T = 07h05m57s
Ecliptic obliquity = 23°49'06, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'52, Lahiri = -17°53'52 Julian Calendar 1 May 1010 BCE == Greg. Calendar 21 Apr. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

JUNE 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	15 57 2	28♉59'38	18♏38	15♉39	5♉23	28♊59	28♋31	18♒21	12♓20	17°R22	20♋37	27°R50	26♓19	25♏57	n.a.	S 1
M 2	16 0 58	29°56'42	0♐30	17°37	6°36	29°37	28°41	18°22	12°22	17♍22	20°39	27♓39	26°16	26° 4	n.a.	M 2
T 3	16 4 55	0♊53'47	12°23	19°37	7°48	0♋14	28°50	18°23	12°23	17°21	20°40	27°28	26°13	26°10	n.a.	T 3
W 4	16 8 51	1°50'52	24°19	21°39	9° 1	0°51	29° 0	18°23	12°24	17°21	20°42	27°16	26°10	26°17	n.a.	W 4
T 5	16 12 48	2°47'57	6♑21	23°42	10°14	1°29	29° 9	18°24	12°25	17°21	20°43	27° 5	26° 7	26°24	n.a.	T 5
F 6	16 16 44	3°45'04	18°29	25°48	11°26	2° 6	29°19	18°24	12°26	17°21	20°44	26°56	26° 4	26°31	n.a.	F 6
S 7	16 20 41	4°42'10	0♒47	27°54	12°39	2°44	29°29	18°25	12°27	17°21	20°46	26°49	26° 0	26°37	n.a.	S 7
S 8	16 24 38	5°39'18	13°16	0♊ 2	13°52	3°21	29°38	18°25	12°28	17°21	20°47	26°44	25°57	26°44	n.a.	S 8
M 9	16 28 34	6°36'26	26° 2	2°10	15° 4	3°59	29°48	18°25	12°29	17°D21	20°49	26°42	25°54	26°51	n.a.	M 9
T 10	16 32 31	7°33'35	9♓ 6	4°18	16°17	4°36	29°59	18°R25	12°30	17°21	20°50	26°D42	25°51	26°57	n.a.	T 10
W11	16 36 27	8°30'44	22°32	6°27	17°30	5°14	0♌ 9	18°25	12°31	17°21	20°52	26°R42	25°48	27° 4	n.a.	W11
T 12	16 40 24	9°27'55	6♈24	8°35	18°43	5°51	0°19	18°25	12°32	17°21	20°54	26°42	25°44	27°11	n.a.	T 12
F 13	16 44 20	10°25'06	20°42	10°43	19°56	6°29	0°29	18°25	12°33	17°21	20°55	26°40	25°41	27°18	n.a.	F 13
S 14	16 48 17	11°22'19	5♉24	12°50	21° 9	7° 6	0°40	18°25	12°33	17°21	20°57	26°36	25°38	27°24	n.a.	S 14
S 15	16 52 14	12°19'32	20°26	14°56	22°22	7°44	0°50	18°24	12°34	17°21	20°58	26°29	25°35	27°31	n.a.	S 15
M16	16 56 10	13°16'47	5♊39	17° 1	23°35	8°22	1° 1	18°24	12°35	17°22	21° 0	26°20	25°32	27°38	n.a.	M16
T 17	17 0 7	14°14'02	20°54	19° 5	24°48	8°59	1°11	18°23	12°35	17°22	21° 2	26°10	25°29	27°44	n.a.	T 17
W18	17 4 3	15°11'18	5♋58	21° 8	26° 1	9°37	1°22	18°22	12°36	17°22	21° 3	25°59	25°25	27°51	n.a.	W18
T 19	17 8 0	16° 8'35	20°43	23° 9	27°14	10°15	1°33	18°21	12°36	17°23	21° 5	25°50	25°22	27°58	n.a.	T 19
F 20	17 11 56	17° 5'52	5♌ 2	25° 9	28°27	10°53	1°44	18°20	12°37	17°23	21° 7	25°43	25°19	28° 4	n.a.	F 20
S 21	17 15 53	18° 3'10	18°52	27° 7	29°40	11°30	1°55	18°19	12°37	17°23	21° 9	25°38	25°16	28°11	n.a.	S 21
S 22	17 19 49	19° 0'29	2♍12	29° 4	0♊53	12° 8	2° 6	18°18	12°38	17°24	21°10	25°35	25°13	28°18	n.a.	S 22
M23	17 23 46	19°57'48	15° 6	0♋59	2° 7	12°46	2°17	18°17	12°38	17°24	21°12	25°35	25°10	28°25	n.a.	M23
T 24	17 27 43	20°55'08	27°37	2°52	3°20	13°24	2°28	18°15	12°38	17°25	21°14	25°35	25° 6	28°31	n.a.	T 24
W25	17 31 39	21°52'28	9♎51	4°44	4°33	14° 2	2°39	18°14	12°38	17°25	21°16	25°34	25° 3	28°38	n.a.	W25
T 26	17 35 36	22°49'50	21°53	6°34	5°47	14°40	2°50	18°12	12°38	17°26	21°17	25°32	25° 0	28°45	n.a.	T 26
F 27	17 39 32	23°47'12	3♏47	8°23	7° 0	15°18	3° 2	18°11	12°38	17°26	21°19	25°28	24°57	28°51	n.a.	F 27
S 28	17 43 29	24°44'35	15°37	10°10	8°13	15°55	3°13	18° 9	12°R38	17°27	21°21	25°21	24°54	28°58	n.a.	S 28
S 29	17 47 25	25°41'59	27°28	11°56	9°27	16°33	3°25	18° 7	12°38	17°27	21°23	25°11	24°50	29° 5	n.a.	S 29
M30	17 51 22	26♊39'25	9♐21	13♋39	10♊40	17♋11	3♌36	18♒ 5	12♓38	17♍28	21♋25	24♓59	24♓47	29♏12	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n15	21s24	3s56	16n20	0s29	12n24	1s12	25n 4	1n15	21n54	1n 9	17s21	1s53	7s45	0s46	6n51	1n57	33n36	11n33	0s53	1s29	23s51		n.a.
M 2	20 28	24 58	4 30	17 5	0 17	12 50	1 10	25 4	1 15	21 52	1 9	17 21	1 53	7 44	0 46	6 51	1 57	33 35	11 32	0 57	1 30	23 53		n.a.
T 3	20 40	27 28	4 52	17 50	0 5	13 16	1 8	25 4	1 15	21 50	1 9	17 21	1 53	7 44	0 46	6 51	1 57	33 35	11 32	1 1	1 32	23 56		n.a.
W 4	20 51	28 43	5 2	18 33	0n 6	13 41	1 6	25 4	1 15	21 48	1 9	17 21	1 54	7 43	0 46	6 51	1 57	33 35	11 32	1 6	1 33	23 58		n.a.
T 5	21 3	28 38	4 59	19 16	0 17	14 7	1 4	25 3	1 15	21 46	1 9	17 21	1 54	7 43	0 46	6 51	1 56	33 34	11 32	1 11	1 34	24 0		n.a.
F 6	21 14	27 10	4 42	19 57	0 27	14 32	1 2	25 3	1 15	21 44	1 9	17 21	1 54	7 42	0 46	6 51	1 56	33 34	11 32	1 14	1 35	24 2		n.a.
S 7	21 25	24 23	4 11	20 37	0 37	14 56	0 59	25 2	1 15	21 42	1 8	17 21	1 54	7 42	0 46	6 51	1 56	33 33	11 31	1 17	1 37	24 4		n.a.
S 8	21 35	20 26	3 29	21 14	0 47	15 21	0 57	25 1	1 15	21 40	1 8	17 22	1 55	7 42	0 46	6 51	1 56	33 33	11 31	1 19	1 38	24 6		n.a.
M 9	21 45	15 28	2 35	21 50	0 56	15 44	0 55	25 0	1 15	21 37	1 8	17 22	1 55	7 41	0 46	6 51	1 56	33 33	11 31	1 20	1 39	24 8		n.a.
T 10	21 55	9 42	1 32	22 24	1 4	16 8	0 53	24 59	1 14	21 35	1 8	17 22	1 55	7 41	0 46	6 51	1 56	33 32	11 31	1 20	1 41	24 10		n.a.
W11	22 4	3 21	0 22	22 55	1 12	16 31	0 50	24 57	1 14	21 33	1 8	17 22	1 55	7 41	0 46	6 51	1 56	33 32	11 31	1 20	1 42	24 12		n.a.
T 12	22 13	3n22	0n51	23 23	1 19	16 54	0 48	24 55	1 14	21 31	1 8	17 23	1 56	7 40	0 46	6 51	1 56	33 31	11 31	1 20	1 43	24 14		n.a.
F 13	22 22	10 6	2 3	23 49	1 25	17 16	0 46	24 54	1 14	21 28	1 8	17 23	1 56	7 40	0 46	6 51	1 56	33 31	11 30	1 21	1 44	24 16		n.a.
S 14	22 30	16 30	3 10	24 12	1 31	17 38	0 43	24 52	1 14	21 26	1 8	17 23	1 56	7 40	0 46	6 51	1 56	33 30	11 30	1 22	1 46	24 18		n.a.
S 15	22 38	22 3	4 4	24 33	1 36	18 0	0 41	24 49	1 14	21 23	1 8	17 24	1 56	7 40	0 46	6 51	1 56	33 30	11 30	1 25	1 47	24 20		n.a.
M16	22 45	26 12	4 42	24 50	1 40	18 21	0 38	24 47	1 14	21 21	1 8	17 24	1 57	7 39	0 46	6 50	1 56	33 30	11 30	1 29	1 48	24 22		n.a.
T 17	22 52	28 29	5 0	25 5	1 44	18 41	0 36	24 44	1 14	21 19	1 8	17 25	1 57	7 39	0 46	6 50	1 56	33 29	11 30	1 33	1 50	24 24		n.a.
W18	22 59	28 37	4 56	25 17	1 47	19 1	0 33	24 41	1 14	21 16	1 8	17 25	1 57	7 39	0 47	6 50	1 56	33 29	11 30	1 37	1 51	24 26		n.a.
T 19	23 5	26 41	4 33	25 27	1 49	19 21	0 31	24 38	1 14	21 14	1 8	17 26	1 58	7 39	0 47	6 50	1 56	33 28	11 30	1 41	1 52	24 28		n.a.
F 20	23 11	23 5	3 53	25 34	1 50	19 40	0 28	24 35	1 14	21 11	1 7	17 26	1 58	7 39	0 47	6 50	1 56	33 28	11 30	1 44	1 53	24 30		n.a.
S 21	23 16	18 16	3 1	25 38	1 51	19 59	0 26	24 32	1 14	21 8	1 7	17 27	1 58	7 39	0 47	6 50	1 56	33 28	11 29	1 46	1 55	24 32		n.a.
S 22	23 21	12 43	2 0	25 40	1 51	20 17	0 23	24 28	1 13	21 6	1 7	17 27	1 58	7 39	0 47	6 49	1 55	33 27	11 29	1 47	1 56	24 34		n.a.
M23	23 26	6 48	0 55	25 40	1 51	20 34	0 21	24 25	1 13	21 3	1 7	17 28	1 59	7 39	0 47	6 49	1 55	33 27	11 29	1 47	1 57	24 36		n.a.
T 24	23 30	0 48	0s11	25 37	1 50	20 51	0 18	24 21	1 13	21 1	1 7	17 29	1 59	7 38	0 47	6 49	1 55	33 26	11 29	1 47	1 58	24 38		n.a.
W25	23 34	5s 6	1 15	25 32	1 48	21 8	0 16	24 17	1 13	20 58	1 7	17 29	1 59	7 38	0 47	6 49	1 55	33 26	11 29	1 47	2 0	24 40		n.a.
T 26	23 37	10 43	2 14	25 25	1 46	21 23	0 13	24 12	1 13	20 55	1 7	17 30	1 59	7 38	0 47	6 48	1 55	33 26	11 29	1 48	2 1	24 42		n.a.
F 27	23 40	15 54	3 7	25 16	1 44	21 39	0 11	24 8	1 13	20 53	1 7	17 31	2 0	7 38	0 47	6 48	1 55	33 25	11 29	1 50	2 2	24 43		n.a.
S 28	23 43	20 27	3 51	25 6	1 41	21 53	0 8	24 3	1 13	20 50	1 7	17 32	2 0	7 38	0 47	6 48	1 55	33 25	11 29	1 53	2 4	24 45		n.a.
S 29	23 45	24 13	4 26	24 53	1 37	22 7	0 6	23 58	1 13	20 47	1 7	17 32	2 0	7 38	0 47	6 48	1 55	33 24	11 29	1 57	2 5	24 47		n.a.
M30	23n46	26s57	4s49	24n39	1n33	22n21	0s 3	23n53	1n13	20n44	1n 7	17s33	2s 0	7s39	0s47	6n47	1n55	33n24	11n29	2s 1	2s 6	24s49		n.a.

Julian Day Number = 1352671.5, Delta T = 07h05m55s
Ecliptic obliquity = 23°49'05, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'48, Lahiri = -17°53'47 Julian Calendar 1 June 1010 BCE == Greg. Calendar 22 May 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

JULY 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 55 19	27♊36'51	21♐19	15♋22	11♊54	17♋49	3♌48	18°R 3	12°R38	17♍29	21♋27	24°R46	24♓44	29♏18	n.a.	T 1
W 2	17 59 15	28°34'19	3♑23	17° 2	13° 7	18°27	4° 0	18♒ 1	12♓38	17°29	21°29	24♓32	24°41	29°25	n.a.	W 2
T 3	18 3 12	29°31'48	15°34	18°41	14°21	19° 6	4°11	17°59	12°38	17°30	21°30	24°19	24°38	29°32	n.a.	T 3
F 4	18 7 8	0♋29'18	27°53	20°19	15°35	19°44	4°23	17°57	12°38	17°31	21°32	24° 8	24°35	29°38	n.a.	F 4
S 5	18 11 5	1°26'50	10♒22	21°55	16°48	20°22	4°35	17°54	12°37	17°32	21°34	23°59	24°31	29°45	n.a.	S 5
S 6	18 15 1	2°24'23	23° 1	23°29	18° 2	21° 0	4°47	17°52	12°37	17°33	21°36	23°54	24°28	29°52	n.a.	S 6
M 7	18 18 58	3°21'58	5♓52	25° 2	19°16	21°38	4°59	17°49	12°37	17°33	21°38	23°51	24°25	29°59	n.a.	M 7
T 8	18 22 54	4°19'34	18°59	26°33	20°29	22°16	5°11	17°46	12°36	17°34	21°40	23°D50	24°22	0♐ 5	n.a.	T 8
W 9	18 26 51	5°17'12	2♈24	28° 3	21°43	22°55	5°23	17°44	12°36	17°35	21°42	23°R50	24°19	0°12	n.a.	W 9
T 10	18 30 48	6°14'52	16° 9	29°31	22°57	23°33	5°35	17°41	12°35	17°36	21°44	23°50	24°16	0°19	n.a.	T 10
F 11	18 34 44	7°12'34	0♉15	0♌57	24°11	24°11	5°47	17°38	12°35	17°37	21°46	23°48	24°12	0°25	n.a.	F 11
S 12	18 38 41	8°10'17	14°43	2°22	25°25	24°49	5°59	17°35	12°34	17°38	21°48	23°44	24° 9	0°32	n.a.	S 12
S 13	18 42 37	9° 8'02	29°28	3°45	26°39	25°28	6°11	17°32	12°33	17°39	21°50	23°38	24° 6	0°39	n.a.	S 13
M14	18 46 34	10° 5'49	14♊25	5° 7	27°53	26° 6	6°24	17°29	12°33	17°40	21°52	23°29	24° 3	0°46	n.a.	M14
T 15	18 50 30	11° 3'38	29°26	6°27	29° 7	26°45	6°36	17°25	12°32	17°42	21°54	23°19	24° 0	0°52	n.a.	T 15
W16	18 54 27	12° 1'29	14♋21	7°45	0♋21	27°23	6°48	17°22	12°31	17°43	21°56	23° 8	23°56	0°59	n.a.	W16
T 17	18 58 23	12°59'21	29° 0	9° 1	1°35	28° 2	7° 1	17°19	12°30	17°44	21°58	22°59	23°53	1° 6	n.a.	T 17
F 18	19 2 20	13°57'15	13♌18	10°15	2°49	28°40	7°13	17°15	12°29	17°45	22° 0	22°52	23°50	1°12	n.a.	F 18
S 19	19 6 17	14°55'10	27° 9	11°27	4° 3	29°19	7°26	17°12	12°28	17°46	22° 2	22°47	23°47	1°19	n.a.	S 19
S 20	19 10 13	15°53'06	10♍32	12°38	5°17	29°57	7°38	17° 8	12°27	17°48	22° 4	22°44	23°44	1°26	n.a.	S 20
M21	19 14 10	16°51'04	23°29	13°46	6°32	0♌36	7°51	17° 4	12°26	17°49	22° 6	22°D43	23°41	1°33	n.a.	M21
T 22	19 18 6	17°49'03	6♎ 3	14°52	7°46	1°14	8° 3	17° 1	12°25	17°50	22° 8	22°44	23°37	1°39	n.a.	T 22
W23	19 22 3	18°47'04	18°19	15°56	9° 0	1°53	8°16	16°57	12°24	17°51	22°10	22°R44	23°34	1°46	n.a.	W23
T 24	19 25 59	19°45'07	0♏21	16°57	10°14	2°32	8°29	16°53	12°23	17°53	22°12	22°44	23°31	1°53	n.a.	T 24
F 25	19 29 56	20°43'11	12°16	17°55	11°29	3°10	8°41	16°49	12°22	17°54	22°14	22°41	23°28	1°59	n.a.	F 25
S 26	19 33 52	21°41'16	24° 7	18°51	12°43	3°49	8°54	16°45	12°20	17°56	22°16	22°36	23°25	2° 6	n.a.	S 26
S 27	19 37 49	22°39'24	5♐59	19°44	13°57	4°28	9° 7	16°41	12°19	17°57	22°18	22°29	23°22	2°13	n.a.	S 27
M28	19 41 46	23°37'33	17°56	20°34	15°12	5° 7	9°20	16°37	12°18	17°59	22°20	22°20	23°18	2°20	n.a.	M28
T 29	19 45 42	24°35'43	29°59	21°21	16°26	5°46	9°32	16°33	12°16	18° 0	22°22	22°10	23°15	2°26	n.a.	T 29
W30	19 49 39	25°33'56	12♑13	22° 4	17°41	6°24	9°45	16°29	12°15	18° 2	22°24	21°59	23°12	2°33	n.a.	W30
T 31	19 53 35	26♋32'10	24♑36	22♌43	18♋55	7♌ 3	9♌58	16♒24	12♓13	18♍ 3	22♋26	21♓49	23♓ 9	2♐40	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	28s30	4s59	24n23	1n28	22n34	0s 1	23n48	1n12	20n41	1n 7	17s34	2s 1	7s39	0s47	6n47	1n55	33n24	11n29	2s 7	2s 7	24s51			n.a.
W 2	23 49	28 42	4 56	24 6	1 24	22 46	0n 2	23 43	1 12	20 39	1 7	17 35	2 1	7 39	0 47	6 47	1 55	33 23	11 28	2 12	2 9	24 53			n.a.
T 3	23 49	27 31	4 39	23 47	1 18	22 57	0 4	23 37	1 12	20 36	1 7	17 36	2 1	7 39	0 47	6 46	1 55	33 23	11 28	2 17	2 10	24 55			n.a.
F 4	23 49	24 59	4 10	23 27	1 13	23 8	0 7	23 32	1 12	20 33	1 7	17 37	2 1	7 39	0 47	6 46	1 55	33 22	11 28	2 22	2 11	24 57			n.a.
S 5	23 49	21 15	3 28	23 6	1 7	23 18	0 9	23 26	1 12	20 30	1 7	17 38	2 1	7 39	0 47	6 45	1 55	33 22	11 28	2 25	2 13	24 59			n.a.
S 6	23 48	16 30	2 35	22 44	1 0	23 28	0 12	23 20	1 12	20 27	1 7	17 39	2 2	7 39	0 47	6 45	1 55	33 22	11 28	2 28	2 14	25 0			n.a.
M 7	23 46	10 57	1 33	22 20	0 53	23 37	0 14	23 14	1 12	20 24	1 7	17 40	2 2	7 39	0 47	6 45	1 55	33 21	11 28	2 29	2 15	25 2			n.a.
T 8	23 45	4 49	0 26	21 56	0 46	23 45	0 16	23 7	1 11	20 21	1 7	17 41	2 2	7 40	0 47	6 44	1 55	33 21	11 28	2 29	2 16	25 4			n.a.
W 9	23 43	1n40	0n45	21 31	0 39	23 52	0 19	23 1	1 11	20 18	1 7	17 42	2 2	7 40	0 47	6 44	1 54	33 21	11 28	2 29	2 18	25 6			n.a.
T 10	23 40	8 13	1 55	21 5	0 31	23 59	0 21	22 54	1 11	20 15	1 7	17 43	2 3	7 40	0 47	6 43	1 54	33 20	11 28	2 29	2 19	25 8			n.a.
F 11	23 37	14 32	3 0	20 39	0 24	24 5	0 24	22 47	1 11	20 12	1 6	17 44	2 3	7 40	0 47	6 43	1 54	33 20	11 28	2 30	2 20	25 10			n.a.
S 12	23 34	20 14	3 55	20 12	0 15	24 10	0 26	22 40	1 11	20 9	1 6	17 45	2 3	7 41	0 47	6 43	1 54	33 19	11 28	2 32	2 21	25 11			n.a.
S 13	23 30	24 50	4 35	19 44	0 7	24 15	0 28	22 32	1 11	20 6	1 6	17 47	2 3	7 41	0 47	6 42	1 54	33 19	11 28	2 34	2 23	25 13			n.a.
M14	23 26	27 49	4 58	19 16	0s 1	24 18	0 30	22 25	1 11	20 2	1 6	17 48	2 3	7 41	0 47	6 42	1 54	33 19	11 28	2 38	2 24	25 15			n.a.
T 15	23 21	28 49	5 0	18 47	0 10	24 22	0 33	22 17	1 10	19 59	1 6	17 49	2 4	7 42	0 48	6 41	1 54	33 18	11 28	2 42	2 25	25 17			n.a.
W16	23 16	27 42	4 41	18 19	0 19	24 24	0 35	22 10	1 10	19 56	1 6	17 50	2 4	7 42	0 48	6 41	1 54	33 18	11 28	2 46	2 27	25 19			n.a.
T 17	23 10	24 40	4 5	17 50	0 28	24 26	0 37	22 2	1 10	19 53	1 6	17 51	2 4	7 42	0 48	6 40	1 54	33 18	11 28	2 50	2 28	25 20			n.a.
F 18	23 4	20 10	3 13	17 21	0 38	24 26	0 39	21 53	1 10	19 50	1 6	17 53	2 4	7 43	0 48	6 40	1 54	33 17	11 28	2 53	2 29	25 22			n.a.
S 19	22 58	14 42	2 11	16 52	0 47	24 27	0 41	21 45	1 10	19 46	1 6	17 54	2 5	7 43	0 48	6 39	1 54	33 17	11 28	2 55	2 30	25 24			n.a.
S 20	22 51	8 43	1 4	16 23	0 57	24 26	0 43	21 37	1 9	19 43	1 6	17 55	2 5	7 44	0 48	6 38	1 54	33 17	11 28	2 56	2 32	25 26			n.a.
M21	22 44	2 34	0s 4	15 54	1 7	24 25	0 45	21 28	1 9	19 40	1 6	17 57	2 5	7 44	0 48	6 38	1 54	33 16	11 28	2 56	2 33	25 27			n.a.
T 22	22 37	3s31	1 10	15 25	1 16	24 23	0 47	21 19	1 9	19 36	1 6	17 58	2 5	7 44	0 48	6 37	1 54	33 16	11 28	2 56	2 34	25 29			n.a.
W23	22 29	9 19	2 12	14 56	1 26	24 20	0 49	21 10	1 9	19 33	1 6	17 59	2 5	7 45	0 48	6 37	1 54	33 16	11 28	2 56	2 36	25 31			n.a.
T 24	22 20	14 41	3 6	14 28	1 36	24 16	0 51	21 1	1 9	19 30	1 6	18 1	2 5	7 45	0 48	6 36	1 54	33 15	11 28	2 56	2 37	25 33			n.a.
F 25	22 12	19 26	3 52	14 1	1 46	24 12	0 53	20 52	1 9	19 26	1 6	18 2	2 6	7 46	0 48	6 36	1 54	33 15	11 28	2 57	2 38	25 34			n.a.
S 26	22 2	23 25	4 28	13 34	1 56	24 7	0 55	20 43	1 8	19 23	1 6	18 3	2 6	7 46	0 48	6 35	1 54	33 15	11 29	2 59	2 39	25 36			n.a.
S 27	21 53	26 26	4 52	13 8	2 6	24 1	0 57	20 33	1 8	19 19	1 6	18 5	2 6	7 47	0 48	6 34	1 54	33 15	11 29	3 2	2 41	25 38			n.a.
M28	21 43	28 17	5 3	12 43	2 16	23 54	0 59	20 23	1 8	19 16	1 6	18 6	2 6	7 47	0 48	6 34	1 53	33 14	11 29	3 5	2 42	25 40			n.a.
T 29	21 33	28 50	5 1	12 18	2 26	23 47	1 0	20 13	1 8	19 12	1 6	18 8	2 6	7 48	0 48	6 33	1 53	33 14	11 29	3 9	2 43	25 41			n.a.
W30	21 22	27 59	4 46	11 55	2 36	23 39	1 2	20 3	1 8	19 9	1 6	18 9	2 6	7 49	0 48	6 32	1 53	33 14	11 29	3 14	2 44	25 43			n.a.
T 31	21n11	25s44	4s16	11n33	2s46	23n30	1n 3	19n53	1n 7	19n 6	1n 6	18s11	2s 7	7s49	0s48	6n32	1n53	33n13	11n29	3s18	2s46	25s45			n.a.

Julian Day Number = 1352701.5, Delta T = 07h05m54s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'44, Lahiri = -17°53'43 Julian Calendar 1 July 1010 BCE == Greg. Calendar 21 June 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

AUGUST 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	19 57 32	27♋30'26	7♒10	23♌19	20♋10	7♌42	10♌11	16°R20	12°R12	18♍ 5	22♋28	21°R41	23♓ 6	2♐46	n.a.	F 1
S 2	20 1 28	28°28'45	19°56	23°50	21°24	8°21	10°24	16♒16	12♓10	18° 6	22°30	21♓34	23° 2	2°53	n.a.	S 2
S 3	20 5 25	29°27'05	2♓52	24°16	22°39	9° 0	10°37	16°11	12° 9	18° 8	22°32	21°30	22°59	3° 0	n.a.	S 3
M 4	20 9 21	0♌25'27	16° 0	24°38	23°53	9°39	10°50	16° 7	12° 7	18° 9	22°34	21°D29	22°56	3° 7	n.a.	M 4
T 5	20 13 18	1°23'52	29°20	24°55	25° 8	10°18	11° 3	16° 2	12° 5	18°11	22°36	21°29	22°53	3°13	n.a.	T 5
W 6	20 17 15	2°22'18	12♈53	25° 6	26°23	10°57	11°16	15°58	12° 4	18°13	22°38	21°30	22°50	3°20	n.a.	W 6
T 7	20 21 11	3°20'47	26°40	25°R11	27°37	11°37	11°29	15°53	12° 2	18°14	22°40	21°31	22°47	3°27	n.a.	T 7
F 8	20 25 8	4°19'19	10♉41	25°10	28°52	12°16	11°42	15°49	12° 0	18°16	22°42	21°R31	22°43	3°33	n.a.	F 8
S 9	20 29 4	5°17'53	24°55	25° 2	0♌ 7	12°55	11°55	15°44	11°58	18°18	22°44	21°29	22°40	3°40	n.a.	S 9
S 10	20 33 1	6°16'29	9♊21	24°48	1°22	13°34	12° 8	15°40	11°57	18°20	22°46	21°26	22°37	3°47	n.a.	S 10
M11	20 36 57	7°15'08	23°55	24°27	2°37	14°13	12°21	15°35	11°55	18°21	22°48	21°20	22°34	3°54	n.a.	M11
T 12	20 40 54	8°13'49	8♋31	23°59	3°51	14°53	12°34	15°30	11°53	18°23	22°50	21°14	22°31	4° 0	n.a.	T 12
W13	20 44 50	9°12'32	23° 3	23°25	5° 6	15°32	12°47	15°26	11°51	18°25	22°52	21° 7	22°28	4° 7	n.a.	W13
T 14	20 48 47	10°11'17	7♌24	22°43	6°21	16°12	13° 0	15°21	11°49	18°27	22°54	21° 1	22°24	4°14	n.a.	T 14
F 15	20 52 44	11°10'05	21°27	21°55	7°36	16°51	13°13	15°16	11°47	18°29	22°56	20°56	22°21	4°20	n.a.	F 15
S 16	20 56 40	12° 8'54	5♍10	21° 2	8°51	17°30	13°26	15°12	11°45	18°31	22°58	20°53	22°18	4°27	n.a.	S 16
S 17	21 0 37	13° 7'46	18°29	20° 3	10° 6	18°10	13°39	15° 7	11°43	18°33	23° 0	20°D52	22°15	4°34	n.a.	S 17
M18	21 4 33	14° 6'39	1♎26	19° 1	11°21	18°49	13°52	15° 2	11°41	18°34	23° 1	20°53	22°12	4°41	n.a.	M18
T 19	21 8 30	15° 5'34	14° 1	17°55	12°36	19°29	14° 5	14°57	11°39	18°36	23° 3	20°54	22° 8	4°47	n.a.	T 19
W20	21 12 26	16° 4'31	26°19	16°49	13°51	20° 9	14°18	14°53	11°37	18°38	23° 5	20°56	22° 5	4°54	n.a.	W20
T 21	21 16 23	17° 3'31	8♏23	15°43	15° 6	20°48	14°31	14°48	11°35	18°40	23° 7	20°57	22° 2	5° 1	n.a.	T 21
F 22	21 20 19	18° 2'32	20°19	14°39	16°21	21°28	14°44	14°43	11°32	18°42	23° 9	20°R57	21°59	5° 7	n.a.	F 22
S 23	21 24 16	19° 1'35	2♐12	13°39	17°36	22° 8	14°57	14°39	11°30	18°44	23°11	20°56	21°56	5°14	n.a.	S 23
S 24	21 28 12	20° 0'40	14° 5	12°45	18°51	22°47	15°10	14°34	11°28	18°46	23°13	20°54	21°53	5°21	n.a.	S 24
M25	21 32 9	20°59'47	26° 4	11°57	20° 6	23°27	15°23	14°29	11°26	18°48	23°15	20°50	21°49	5°28	n.a.	M25
T 26	21 36 6	21°58'56	8♑13	11°18	21°21	24° 7	15°36	14°24	11°23	18°50	23°16	20°46	21°46	5°34	n.a.	T 26
W27	21 40 2	22°58'06	20°33	10°48	22°36	24°47	15°49	14°20	11°21	18°52	23°18	20°41	21°43	5°41	n.a.	W27
T 28	21 43 59	23°57'19	3♒ 8	10°28	23°51	25°27	16° 2	14°15	11°19	18°55	23°20	20°37	21°40	5°48	n.a.	T 28
F 29	21 47 55	24°56'34	15°58	10°D18	25° 6	26° 6	16°15	14°11	11°17	18°57	23°22	20°33	21°37	5°55	n.a.	F 29
S 30	21 51 52	25°55'51	29° 2	10°19	26°22	26°46	16°28	14° 6	11°14	18°59	23°24	20°30	21°34	6° 1	n.a.	S 30
S 31	21 55 48	26♌55'11	12♓22	10♌30	27♌37	27♌26	16♌41	14♒ 1	11♓12	19♍ 1	23♋25	20♓29	21♓30	6♐ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n59	22s13	3s34	11n12	2s55	23n21	1n 5	19n43	1n 7	19n 2	1n 6	18s12	2s 7	7s50	0s48	6n31	1n53	33n13	11n29	3s21	2s47	25s46		n.a.
S 2	20 47	17 36	2 41	10 53	3 4	23 11	1 6	19 32	1 7	18 58	1 6	18 14	2 7	7 50	0 48	6 30	1 53	33 13	11 29	3 24	2 48	25 48		n.a.
S 3	20 35	12 8	1 38	10 36	3 13	23 0	1 8	19 22	1 7	18 55	1 6	18 15	2 7	7 51	0 48	6 30	1 53	33 13	11 29	3 25	2 50	25 50		n.a.
M 4	20 23	6 3	0 29	10 21	3 22	22 48	1 9	19 11	1 6	18 51	1 6	18 17	2 7	7 52	0 48	6 29	1 53	33 12	11 29	3 26	2 51	25 51		n.a.
T 5	20 10	0n23	0n42	10 8	3 30	22 36	1 11	19 0	1 6	18 48	1 6	18 18	2 7	7 52	0 48	6 28	1 53	33 12	11 30	3 26	2 52	25 53		n.a.
W 6	19 57	6 54	1 53	9 57	3 37	22 23	1 12	18 49	1 6	18 44	1 6	18 20	2 7	7 53	0 48	6 28	1 53	33 12	11 30	3 25	2 53	25 55		n.a.
T 7	19 43	13 12	2 58	9 49	3 44	22 9	1 13	18 38	1 6	18 40	1 6	18 21	2 8	7 54	0 48	6 27	1 53	33 12	11 30	3 25	2 55	25 56		n.a.
F 8	19 29	18 57	3 54	9 44	3 50	21 55	1 14	18 26	1 6	18 37	1 6	18 23	2 8	7 54	0 48	6 26	1 53	33 11	11 30	3 25	2 56	25 58		n.a.
S 9	19 15	23 45	4 36	9 42	3 55	21 40	1 15	18 15	1 5	18 33	1 6	18 24	2 8	7 55	0 48	6 26	1 53	33 11	11 30	3 26	2 57	25 59		n.a.
S 10	19 0	27 10	5 2	9 42	3 59	21 25	1 16	18 3	1 5	18 29	1 7	18 26	2 8	7 56	0 48	6 25	1 53	33 11	11 30	3 27	2 58	26 1		n.a.
M11	18 45	28 48	5 8	9 47	4 2	21 8	1 17	17 51	1 5	18 26	1 7	18 27	2 8	7 57	0 48	6 24	1 53	33 11	11 30	3 29	3 0	26 3		n.a.
T 12	18 30	28 26	4 55	9 54	4 4	20 52	1 18	17 39	1 5	18 22	1 7	18 29	2 8	7 57	0 48	6 23	1 53	33 11	11 30	3 32	3 1	26 4		n.a.
W13	18 14	26 7	4 22	10 6	4 4	20 34	1 19	17 27	1 4	18 18	1 7	18 30	2 8	7 58	0 48	6 23	1 53	33 10	11 31	3 34	3 2	26 6		n.a.
T 14	17 58	22 9	3 34	10 21	4 2	20 16	1 20	17 15	1 4	18 15	1 7	18 32	2 8	7 59	0 48	6 22	1 53	33 10	11 31	3 37	3 4	26 7		n.a.
F 15	17 42	16 59	2 33	10 40	3 59	19 57	1 21	17 3	1 4	18 11	1 7	18 33	2 8	8 0	0 48	6 21	1 53	33 10	11 31	3 39	3 5	26 9		n.a.
S 16	17 25	11 4	1 24	11 2	3 53	19 38	1 21	16 50	1 4	18 7	1 7	18 35	2 8	8 1	0 48	6 20	1 53	33 10	11 31	3 40	3 6	26 11		n.a.
S 17	17 8	4 49	0 13	11 27	3 46	19 18	1 22	16 38	1 3	18 3	1 7	18 36	2 9	8 1	0 48	6 19	1 53	33 10	11 31	3 40	3 7	26 12		n.a.
M18	16 51	1s27	0s57	11 56	3 37	18 58	1 22	16 25	1 3	17 59	1 7	18 38	2 9	8 2	0 48	6 19	1 53	33 10	11 32	3 40	3 9	26 14		n.a.
T 19	16 34	7 30	2 3	12 27	3 25	18 37	1 23	16 12	1 3	17 56	1 7	18 39	2 9	8 3	0 48	6 18	1 53	33 9	11 32	3 40	3 10	26 15		n.a.
W20	16 16	13 7	3 1	13 0	3 12	18 16	1 23	15 59	1 3	17 52	1 7	18 41	2 9	8 4	0 48	6 17	1 53	33 9	11 32	3 39	3 11	26 17		n.a.
T 21	15 58	18 9	3 50	13 34	2 57	17 54	1 24	15 46	1 2	17 48	1 7	18 42	2 9	8 5	0 48	6 16	1 53	33 9	11 32	3 38	3 12	26 18		n.a.
F 22	15 40	22 25	4 29	14 8	2 40	17 31	1 24	15 33	1 2	17 44	1 7	18 43	2 9	8 6	0 48	6 15	1 53	33 9	11 32	3 38	3 14	26 20		n.a.
S 23	15 21	25 45	4 56	14 43	2 22	17 8	1 24	15 20	1 2	17 40	1 7	18 45	2 9	8 6	0 49	6 15	1 53	33 9	11 33	3 39	3 15	26 21		n.a.
S 24	15 2	27 59	5 10	15 17	2 3	16 45	1 24	15 6	1 1	17 36	1 7	18 46	2 9	8 7	0 49	6 14	1 53	33 9	11 33	3 40	3 16	26 23		n.a.
M25	14 43	28 56	5 11	15 49	1 44	16 21	1 24	14 53	1 1	17 33	1 7	18 48	2 9	8 8	0 49	6 13	1 52	33 9	11 33	3 41	3 18	26 24		n.a.
T 26	14 24	28 31	4 58	16 19	1 24	15 56	1 24	14 39	1 1	17 29	1 7	18 49	2 9	8 9	0 49	6 12	1 52	33 8	11 33	3 43	3 19	26 26		n.a.
W27	14 5	26 41	4 31	16 46	1 4	15 31	1 24	14 25	1 1	17 25	1 7	18 51	2 9	8 10	0 49	6 11	1 52	33 8	11 33	3 45	3 20	26 27		n.a.
T 28	13 45	23 30	3 51	17 11	0 45	15 6	1 24	14 11	1 0	17 21	1 7	18 52	2 9	8 11	0 49	6 10	1 52	33 8	11 34	3 47	3 21	26 29		n.a.
F 29	13 25	19 8	2 58	17 31	0 26	14 40	1 24	13 57	1 0	17 17	1 7	18 53	2 9	8 12	0 49	6 10	1 52	33 8	11 34	3 48	3 23	26 30		n.a.
S 30	13 4	13 47	1 55	17 49	0 8	14 14	1 24	13 43	1 0	17 13	1 8	18 55	2 9	8 13	0 49	6 9	1 52	33 8	11 34	3 49	3 24	26 32		n.a.
S 31	12n44	7s43	0s44	18n 2	0n 9	13n48	1n24	13n29	0n59	17n 9	1n 8	18s56	2s 9	8s14	0s49	6n 8	1n52	33n 8	11n34	3s50	3s25	26s33		n.a.

Julian Day Number = 1352732.5, Delta T = 07h05m52s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'40, Lahiri = -17°53'39 Julian Calendar 1 Aug. 1010 BCE == Greg. Calendar 22 July 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

SEPTEMBER 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 59 45	27♌54'32	25♓54	10♌52	28♌52	28♌ 6	16♌54	13°R57	11°R10	19♍ 3	23♋27	20°D29	21♓27	6♐15	n.a.	M 1
T 2	22 3 41	28°53'56	9♈38	11°23	0♍ 7	28°46	17° 7	13♒52	11♓ 7	19° 5	23°29	20♓30	21°24	6°21	n.a.	T 2
W 3	22 7 38	29°53'22	23°31	12° 4	1°22	29°27	17°20	13°48	11° 5	19° 7	23°30	20°31	21°21	6°28	n.a.	W 3
T 4	22 11 34	0♍52'50	7♉32	12°53	2°38	0♍ 7	17°33	13°44	11° 2	19° 9	23°32	20°32	21°18	6°35	n.a.	T 4
F 5	22 15 31	1°52'21	21°39	13°50	3°53	0°47	17°46	13°39	11° 0	19°11	23°34	20°33	21°14	6°42	n.a.	F 5
S 6	22 19 28	2°51'55	5♊50	14°54	5° 8	1°27	17°59	13°35	10°58	19°14	23°36	20°R33	21°11	6°48	n.a.	S 6
S 7	22 23 24	3°51'31	20° 3	16° 4	6°23	2° 7	18°12	13°31	10°55	19°16	23°37	20°33	21° 8	6°55	n.a.	S 7
M 8	22 27 21	4°51'10	4♋16	17°20	7°38	2°48	18°25	13°26	10°53	19°18	23°39	20°31	21° 5	7° 2	n.a.	M 8
T 9	22 31 17	5°50'51	18°25	18°41	8°54	3°28	18°37	13°22	10°50	19°20	23°40	20°30	21° 2	7° 8	n.a.	T 9
W10	22 35 14	6°50'34	2♌28	20° 6	10° 9	4° 8	18°50	13°18	10°48	19°22	23°42	20°28	20°59	7°15	n.a.	W10
T 11	22 39 10	7°50'20	16°21	21°34	11°24	4°49	19° 3	13°14	10°45	19°25	23°44	20°26	20°55	7°22	n.a.	T 11
F 12	22 43 7	8°50'08	0♍ 0	23° 5	12°40	5°29	19°16	13°10	10°43	19°27	23°45	20°25	20°52	7°29	n.a.	F 12
S 13	22 47 3	9°49'58	13°24	24°39	13°55	6°10	19°28	13° 6	10°41	19°29	23°47	20°24	20°49	7°35	n.a.	S 13
S 14	22 51 0	10°49'50	26°30	26°14	15°10	6°50	19°41	13° 2	10°38	19°31	23°48	20°D24	20°46	7°42	n.a.	S 14
M15	22 54 57	11°49'44	9♎19	27°51	16°26	7°31	19°53	12°58	10°36	19°33	23°50	20°25	20°43	7°49	n.a.	M15
T 16	22 58 53	12°49'39	21°51	29°29	17°41	8°12	20° 6	12°54	10°33	19°36	23°51	20°25	20°40	7°55	n.a.	T 16
W17	23 2 50	13°49'37	4♏ 8	1♍ 9	18°56	8°52	20°19	12°51	10°31	19°38	23°52	20°26	20°36	8° 2	n.a.	W17
T 18	23 6 46	14°49'37	16°13	2°49	20°12	9°33	20°31	12°47	10°28	19°40	23°54	20°27	20°33	8° 9	n.a.	T 18
F 19	23 10 43	15°49'39	28°10	4°29	21°27	10°14	20°43	12°44	10°26	19°42	23°55	20°27	20°30	8°16	n.a.	F 19
S 20	23 14 39	16°49'42	10♐ 2	6°10	22°42	10°54	20°56	12°40	10°23	19°45	23°57	20°28	20°27	8°22	n.a.	S 20
S 21	23 18 36	17°49'47	21°55	7°51	23°58	11°35	21° 8	12°37	10°21	19°47	23°58	20°R28	20°24	8°29	n.a.	S 21
M22	23 22 32	18°49'54	3♑54	9°31	25°13	12°16	21°21	12°33	10°19	19°49	23°59	20°28	20°20	8°36	n.a.	M22
T 23	23 26 29	19°50'03	16° 3	11°12	26°28	12°57	21°33	12°30	10°16	19°51	24° 1	20°27	20°17	8°43	n.a.	T 23
W24	23 30 26	20°50'13	28°25	12°53	27°43	13°38	21°45	12°27	10°14	19°54	24° 2	20°D27	20°14	8°49	n.a.	W24
T 25	23 34 22	21°50'25	11♒ 5	14°33	28°59	14°19	21°57	12°24	10°11	19°56	24° 3	20°28	20°11	8°56	n.a.	T 25
F 26	23 38 19	22°50'39	24° 5	16°14	0♎14	15° 0	22° 9	12°21	10° 9	19°58	24° 4	20°28	20° 8	9° 3	n.a.	F 26
S 27	23 42 15	23°50'55	7♓25	17°53	1°29	15°41	22°21	12°18	10° 7	20° 0	24° 6	20°28	20° 5	9° 9	n.a.	S 27
S 28	23 46 12	24°51'12	21° 5	19°33	2°45	16°22	22°33	12°15	10° 4	20° 3	24° 7	20°R28	20° 1	9°16	n.a.	S 28
M29	23 50 8	25°51'31	5♈ 4	21°12	4° 0	17° 3	22°45	12°12	10° 2	20° 5	24° 8	20°28	19°58	9°23	n.a.	M29
T 30	23 54 5	26♍51'52	19♈16	22♍51	5♎15	17♍44	22♌57	12♒10	10♓ 0	20♍ 7	24♋ 9	20♓27	19♓55	9♐30	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n23	1s12	0n30	18n11	0n25	13n21	1n23	13n14	0n59	17n 5	1n 8	18s58	2s 9	8s14	0s49	6n 7	1n52	33n 8	11n35	3s50	3s26	26s35		n.a.
T 2	12 2	5n27	1 43	18 17	0 40	12 54	1 23	13 0	0 59	17 1	1 8	18 59	2 9	8 15	0 49	6 6	1 52	33 8	11 35	3 49	3 28	26 36		n.a.
W 3	11 41	11 56	2 52	18 18	0 53	12 26	1 22	12 45	0 58	16 58	1 8	19 0	2 9	8 16	0 49	6 5	1 52	33 8	11 35	3 49	3 29	26 38		n.a.
T 4	11 20	17 52	3 51	18 15	1 6	11 58	1 22	12 31	0 58	16 54	1 8	19 1	2 9	8 17	0 49	6 4	1 52	33 8	11 36	3 48	3 30	26 39		n.a.
F 5	10 59	22 54	4 36	18 9	1 16	11 30	1 21	12 16	0 58	16 50	1 8	19 3	2 9	8 18	0 49	6 4	1 52	33 8	11 36	3 48	3 32	26 40		n.a.
S 6	10 37	26 37	5 5	17 59	1 26	11 1	1 21	12 1	0 57	16 46	1 8	19 4	2 9	8 19	0 49	6 3	1 52	33 8	11 36	3 48	3 33	26 42		n.a.
S 7	10 15	28 41	5 15	17 46	1 34	10 33	1 20	11 46	0 57	16 42	1 8	19 5	2 9	8 20	0 49	6 2	1 52	33 8	11 36	3 48	3 34	26 43		n.a.
M 8	9 53	28 51	5 6	17 29	1 41	10 3	1 19	11 31	0 57	16 38	1 8	19 6	2 9	8 21	0 49	6 1	1 52	33 8	11 37	3 49	3 35	26 45		n.a.
T 9	9 31	27 8	4 39	17 9	1 46	9 34	1 18	11 16	0 56	16 34	1 8	19 8	2 9	8 22	0 49	6 0	1 52	33 8	11 37	3 49	3 37	26 46		n.a.
W10	9 8	23 44	3 55	16 46	1 51	9 4	1 17	11 1	0 56	16 30	1 9	19 9	2 9	8 23	0 49	5 59	1 52	33 8	11 37	3 50	3 38	26 47		n.a.
T 11	8 46	19 0	2 57	16 20	1 54	8 34	1 16	10 46	0 56	16 26	1 9	19 10	2 9	8 24	0 49	5 58	1 52	33 8	11 38	3 51	3 39	26 49		n.a.
F 12	8 23	13 22	1 50	15 53	1 57	8 4	1 15	10 30	0 55	16 22	1 9	19 11	2 9	8 25	0 49	5 57	1 52	33 8	11 38	3 51	3 40	26 50		n.a.
S 13	8 0	7 13	0 39	15 22	1 59	7 34	1 14	10 15	0 55	16 18	1 9	19 12	2 9	8 26	0 49	5 57	1 52	33 8	11 38	3 52	3 42	26 52		n.a.
S 14	7 37	0 54	0s34	14 50	1 59	7 3	1 13	9 59	0 55	16 14	1 9	19 13	2 9	8 27	0 49	5 56	1 52	33 8	11 39	3 52	3 43	26 53		n.a.
M15	7 14	5s19	1 43	14 16	1 59	6 32	1 12	9 43	0 54	16 10	1 9	19 14	2 9	8 28	0 49	5 55	1 52	33 8	11 39	3 51	3 44	26 54		n.a.
T 16	6 51	11 12	2 45	13 41	1 59	6 1	1 10	9 28	0 54	16 6	1 9	19 15	2 9	8 28	0 49	5 54	1 52	33 8	11 39	3 51	3 46	26 56		n.a.
W17	6 28	16 31	3 39	13 4	1 57	5 30	1 9	9 12	0 54	16 2	1 9	19 16	2 9	8 29	0 49	5 53	1 52	33 8	11 40	3 51	3 47	26 57		n.a.
T 18	6 4	21 8	4 22	12 25	1 55	4 59	1 8	8 56	0 53	15 58	1 9	19 17	2 9	8 30	0 49	5 52	1 52	33 8	11 40	3 51	3 48	26 58		n.a.
F 19	5 40	24 49	4 53	11 46	1 53	4 27	1 6	8 40	0 53	15 54	1 9	19 18	2 8	8 31	0 49	5 51	1 52	33 8	11 40	3 50	3 49	27 0		n.a.
S 20	5 17	27 27	5 12	11 6	1 50	3 56	1 5	8 24	0 53	15 51	1 10	19 19	2 8	8 32	0 49	5 50	1 52	33 8	11 41	3 50	3 51	27 1		n.a.
S 21	4 53	28 50	5 17	10 24	1 47	3 24	1 3	8 8	0 52	15 47	1 10	19 20	2 8	8 33	0 49	5 49	1 52	33 8	11 41	3 50	3 52	27 2		n.a.
M22	4 29	28 54	5 8	9 42	1 43	2 52	1 2	7 52	0 52	15 43	1 10	19 21	2 8	8 34	0 49	5 48	1 52	33 8	11 41	3 50	3 53	27 3		n.a.
T 23	4 5	27 34	4 46	9 0	1 39	2 21	1 0	7 35	0 51	15 39	1 10	19 22	2 8	8 35	0 49	5 48	1 52	33 8	11 42	3 50	3 54	27 5		n.a.
W24	3 41	24 53	4 10	8 16	1 34	1 49	0 58	7 19	0 51	15 35	1 10	19 23	2 8	8 36	0 49	5 47	1 52	33 8	11 42	3 50	3 56	27 6		n.a.
T 25	3 17	20 57	3 21	7 33	1 29	1 17	0 57	7 3	0 51	15 31	1 10	19 24	2 8	8 37	0 49	5 46	1 52	33 9	11 42	3 50	3 57	27 7		n.a.
F 26	2 53	15 55	2 21	6 49	1 24	0 45	0 55	6 46	0 50	15 27	1 10	19 24	2 8	8 38	0 49	5 45	1 52	33 9	11 43	3 50	3 58	27 8		n.a.
S 27	2 29	10 2	1 12	6 4	1 19	0 13	0 53	6 30	0 50	15 23	1 11	19 25	2 8	8 39	0 49	5 44	1 52	33 9	11 43	3 50	3 59	27 10		n.a.
S 28	2 5	3 32	0n 3	5 20	1 14	0s20	0 51	6 13	0 50	15 19	1 11	19 26	2 8	8 39	0 49	5 43	1 52	33 9	11 43	3 50	4 1	27 11		n.a.
M29	1 40	3n16	1 20	4 35	1 8	0 52	0 49	5 57	0 49	15 16	1 11	19 27	2 8	8 40	0 49	5 42	1 52	33 9	11 44	3 50	4 2	27 12		n.a.
T 30	1n16	10n 1	2n33	3n50	1n 2	1s24	0n47	5n40	0n49	15n12	1n11	19s27	2s 7	8s41	0s48	5n41	1n52	33n 9	11n44	3s50	4s 3	27s13		n.a.

Julian Day Number = 1352763.5, Delta T = 07h05m51s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'35, Lahiri = -17°53'35 Julian Calendar 1 Sept. 1010 BCE == Greg. Calendar 22 Aug. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

OCTOBER 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 58 1	27♍52'15	3♉38	24♍29	6♎31	18♍26	23♌ 9	12°R 7	9°R57	20♍ 9	24♋10	20°R27	19♓52	9♐36	n.a.	W 1
T 2	0 1 58	28°52'40	18° 5	26° 8	7°46	19° 7	23°21	12♒ 5	9♓55	20°12	24°11	20♓26	19°49	9°43	n.a.	T 2
F 3	0 5 54	29°53'07	2♊31	27°45	9° 1	19°48	23°33	12° 2	9°53	20°14	24°12	20°25	19°45	9°50	n.a.	F 3
S 4	0 9 51	0♎53'37	16°51	29°23	10°17	20°29	23°44	12° 0	9°51	20°16	24°13	20°24	19°42	9°56	n.a.	S 4
S 5	0 13 48	1°54'08	1♋ 4	1♎ 0	11°32	21°11	23°56	11°58	9°48	20°18	24°14	20°D24	19°39	10° 3	n.a.	S 5
M 6	0 17 44	2°54'41	15° 6	2°36	12°47	21°52	24° 8	11°56	9°46	20°20	24°15	20°24	19°36	10°10	n.a.	M 6
T 7	0 21 41	3°55'17	28°57	4°12	14° 3	22°34	24°19	11°54	9°44	20°23	24°16	20°25	19°33	10°17	n.a.	T 7
W 8	0 25 37	4°55'54	12♌35	5°48	15°18	23°15	24°30	11°52	9°42	20°25	24°17	20°26	19°30	10°23	n.a.	W 8
T 9	0 29 34	5°56'33	26° 0	7°24	16°33	23°57	24°42	11°50	9°40	20°27	24°18	20°27	19°26	10°30	n.a.	T 9
F 10	0 33 30	6°57'14	9♍13	8°59	17°49	24°38	24°53	11°48	9°38	20°29	24°19	20°28	19°23	10°37	n.a.	F 10
S 11	0 37 27	7°57'56	22°12	10°34	19° 4	25°20	25° 4	11°47	9°36	20°31	24°20	20°R28	19°20	10°44	n.a.	S 11
S 12	0 41 23	8°58'41	5♎ 0	12° 9	20°19	26° 2	25°15	11°45	9°33	20°34	24°20	20°28	19°17	10°50	n.a.	S 12
M13	0 45 20	9°59'26	17°34	13°44	21°35	26°43	25°26	11°44	9°31	20°36	24°21	20°26	19°14	10°57	n.a.	M13
T 14	0 49 17	11° 0'14	29°57	15°18	22°50	27°25	25°37	11°42	9°29	20°38	24°22	20°23	19°11	11° 4	n.a.	T 14
W15	0 53 13	12° 1'02	12♏ 9	16°52	24° 5	28° 7	25°48	11°41	9°27	20°40	24°23	20°20	19° 7	11°10	n.a.	W15
T 16	0 57 10	13° 1'52	24°11	18°26	25°21	28°49	25°59	11°40	9°26	20°42	24°23	20°16	19° 4	11°17	n.a.	T 16
F 17	1 1 6	14° 2'44	6♐ 7	20° 0	26°36	29°31	26°10	11°39	9°24	20°44	24°24	20°12	19° 1	11°24	n.a.	F 17
S 18	1 5 3	15° 3'36	17°59	21°33	27°51	0♎13	26°20	11°38	9°22	20°46	24°24	20° 9	18°58	11°31	n.a.	S 18
S 19	1 8 59	16° 4'30	29°50	23° 7	29° 6	0°55	26°31	11°38	9°20	20°48	24°25	20° 6	18°55	11°37	n.a.	S 19
M20	1 12 56	17° 5'24	11♑46	24°40	0♏22	1°37	26°41	11°37	9°18	20°50	24°26	20°D 5	18°51	11°44	n.a.	M20
T 21	1 16 52	18° 6'20	23°51	26°13	1°37	2°19	26°52	11°36	9°16	20°53	24°26	20° 5	18°48	11°51	n.a.	T 21
W22	1 20 49	19° 7'17	6♒10	27°46	2°52	3° 1	27° 2	11°36	9°15	20°55	24°27	20° 6	18°45	11°57	n.a.	W22
T 23	1 24 46	20° 8'14	18°47	29°19	4° 7	3°43	27°12	11°36	9°13	20°57	24°27	20° 8	18°42	12° 4	n.a.	T 23
F 24	1 28 42	21° 9'13	1♓47	0♏52	5°23	4°25	27°22	11°36	9°11	20°59	24°27	20° 9	18°39	12°11	n.a.	F 24
S 25	1 32 39	22°10'12	15°11	2°24	6°38	5° 7	27°32	11°D35	9°10	21° 1	24°28	20°R10	18°36	12°18	n.a.	S 25
S 26	1 36 35	23°11'12	29° 2	3°57	7°53	5°49	27°42	11°35	9° 8	21° 3	24°28	20°10	18°32	12°24	n.a.	S 26
M27	1 40 32	24°12'14	13♈18	5°29	9° 8	6°32	27°52	11°36	9° 7	21° 5	24°29	20° 8	18°29	12°31	n.a.	M27
T 28	1 44 28	25°13'16	27°55	7° 1	10°23	7°14	28° 2	11°36	9° 5	21° 6	24°29	20° 5	18°26	12°38	n.a.	T 28
W29	1 48 25	26°14'19	12♉45	8°33	11°39	7°56	28°11	11°36	9° 4	21° 8	24°29	20° 0	18°23	12°45	n.a.	W29
T 30	1 52 21	27°15'24	27°41	10° 5	12°54	8°39	28°21	11°37	9° 2	21°10	24°29	19°54	18°20	12°51	n.a.	T 30
F 31	1 56 18	28♎16'29	12♊34	11♏37	14♏ 9	9♎21	28♌30	11♒37	9♓ 1	21♍12	24♋30	19♓48	18♓16	12♐58	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0n52	16n19	3n37	3n 5	0n56	1s56	0n45	5n23	0n48	15n 8	1n11	19s28	2s 7	8s42	0s48	5n40	1n52	33n 9	11n45	3s51	4s 5	27s15			n.a.
T 2	0 27	21 45	4 28	2 20	0 50	2 28	0 43	5 6	0 48	15 4	1 11	19 29	2 7	8 43	0 48	5 40	1 52	33 10	11 45	3 51	4 6	27 16			n.a.
F 3	0 3	25 54	5 1	1 35	0 44	3 0	0 41	4 50	0 48	15 0	1 11	19 29	2 7	8 44	0 48	5 39	1 52	33 10	11 45	3 51	4 7	27 17			n.a.
S 4	0s22	28 24	5 16	0 49	0 38	3 32	0 39	4 33	0 47	14 56	1 12	19 30	2 7	8 45	0 48	5 38	1 52	33 10	11 46	3 52	4 8	27 18			n.a.
S 5	0 46	29 0	5 11	0 4	0 31	4 4	0 37	4 16	0 47	14 53	1 12	19 30	2 7	8 46	0 48	5 37	1 52	33 10	11 46	3 52	4 10	27 19			n.a.
M 6	1 11	27 42	4 48	0s40	0 25	4 36	0 35	3 59	0 46	14 49	1 12	19 31	2 7	8 46	0 48	5 36	1 52	33 10	11 47	3 52	4 11	27 21			n.a.
T 7	1 35	24 44	4 8	1 25	0 18	5 7	0 33	3 42	0 46	14 45	1 12	19 31	2 7	8 47	0 48	5 35	1 52	33 11	11 47	3 51	4 12	27 22			n.a.
W 8	1 59	20 24	3 14	2 10	0 12	5 39	0 31	3 25	0 45	14 42	1 12	19 31	2 7	8 48	0 48	5 34	1 52	33 11	11 47	3 51	4 13	27 23			n.a.
T 9	2 24	15 6	2 11	2 54	0 5	6 10	0 28	3 8	0 45	14 38	1 12	19 32	2 6	8 49	0 48	5 34	1 52	33 11	11 48	3 50	4 15	27 24			n.a.
F 10	2 48	9 12	1 2	3 38	0s 1	6 42	0 26	2 50	0 45	14 34	1 12	19 32	2 6	8 50	0 48	5 33	1 52	33 11	11 48	3 50	4 16	27 25			n.a.
S 11	3 12	3 0	0s10	4 22	0 8	7 13	0 24	2 33	0 44	14 30	1 13	19 33	2 6	8 50	0 48	5 32	1 52	33 11	11 49	3 50	4 17	27 26			n.a.
S 12	3 37	3s13	1 19	5 6	0 14	7 44	0 21	2 16	0 44	14 27	1 13	19 33	2 6	8 51	0 48	5 31	1 52	33 12	11 49	3 50	4 18	27 28			n.a.
M13	4 1	9 13	2 24	5 49	0 21	8 15	0 19	1 59	0 43	14 23	1 13	19 33	2 6	8 52	0 48	5 30	1 53	33 12	11 49	3 51	4 20	27 29			n.a.
T 14	4 25	14 45	3 20	6 32	0 27	8 45	0 17	1 42	0 43	14 20	1 13	19 33	2 6	8 53	0 48	5 29	1 53	33 12	11 50	3 52	4 21	27 30			n.a.
W15	4 49	19 38	4 7	7 15	0 34	9 16	0 14	1 24	0 42	14 16	1 13	19 34	2 6	8 53	0 48	5 28	1 53	33 12	11 50	3 53	4 22	27 31			n.a.
T 16	5 13	23 40	4 42	7 57	0 40	9 46	0 12	1 7	0 42	14 12	1 14	19 34	2 5	8 54	0 48	5 28	1 53	33 13	11 51	3 55	4 24	27 32			n.a.
F 17	5 37	26 39	5 4	8 39	0 46	10 16	0 10	0 50	0 41	14 9	1 14	19 34	2 5	8 55	0 48	5 27	1 53	33 13	11 51	3 57	4 25	27 33			n.a.
S 18	6 1	28 28	5 13	9 20	0 52	10 46	0 7	0 32	0 41	14 5	1 14	19 34	2 5	8 55	0 48	5 26	1 53	33 13	11 52	3 58	4 26	27 34			n.a.
S 19	6 25	28 58	5 9	10 1	0 58	11 15	0 5	0 15	0 40	14 2	1 14	19 34	2 5	8 56	0 48	5 25	1 53	33 14	11 52	3 59	4 27	27 35			n.a.
M20	6 49	28 7	4 51	10 42	1 4	11 45	0 2	0s 2	0 40	13 59	1 14	19 34	2 5	8 57	0 48	5 24	1 53	33 14	11 52	3 59	4 29	27 36			n.a.
T 21	7 13	25 57	4 21	11 22	1 10	12 13	0s 0	0 20	0 39	13 55	1 15	19 34	2 5	8 57	0 48	5 24	1 53	33 14	11 53	3 59	4 30	27 37			n.a.
W22	7 36	22 32	3 38	12 1	1 16	12 42	0 3	0 37	0 39	13 52	1 15	19 34	2 4	8 58	0 48	5 23	1 53	33 15	11 53	3 59	4 31	27 38			n.a.
T 23	7 59	18 1	2 43	12 40	1 21	13 10	0 5	0 55	0 38	13 48	1 15	19 34	2 4	8 59	0 48	5 22	1 53	33 15	11 54	3 58	4 32	27 39			n.a.
F 24	8 23	12 33	1 39	13 18	1 27	13 38	0 8	1 12	0 38	13 45	1 15	19 34	2 4	8 59	0 48	5 21	1 53	33 15	11 54	3 58	4 34	27 41			n.a.
S 25	8 46	6 21	0 27	13 56	1 32	14 6	0 10	1 30	0 37	13 42	1 15	19 34	2 4	9 0	0 48	5 21	1 53	33 16	11 55	3 57	4 35	27 42			n.a.
S 26	9 9	0n21	0n48	14 33	1 37	14 33	0 13	1 47	0 37	13 38	1 16	19 34	2 4	9 0	0 48	5 20	1 53	33 16	11 55	3 57	4 36	27 43			n.a.
M27	9 32	7 13	2 3	15 9	1 42	15 0	0 15	2 4	0 36	13 35	1 16	19 33	2 4	9 1	0 48	5 19	1 53	33 16	11 55	3 58	4 37	27 44			n.a.
T 28	9 55	13 52	3 11	15 45	1 46	15 27	0 17	2 22	0 36	13 32	1 16	19 33	2 4	9 1	0 48	5 18	1 53	33 17	11 56	3 59	4 39	27 45			n.a.
W29	10 17	19 50	4 7	16 19	1 51	15 53	0 20	2 39	0 35	13 29	1 16	19 33	2 3	9 2	0 48	5 18	1 53	33 17	11 56	4 1	4 40	27 46			n.a.
T 30	10 39	24 37	4 47	16 53	1 55	16 19	0 22	2 57	0 35	13 26	1 16	19 33	2 3	9 3	0 48	5 17	1 53	33 17	11 57	4 4	4 41	27 47			n.a.
F 31	11s 2	27n44	5n 7	17s26	1s59	16s44	0s25	3s14	0n34	13n23	1n17	19s32	2s 3	9s 3	0s48	5n16	1n53	33n18	11n57	4s 6	4s42	27s48			n.a.

Julian Day Number = 1352793.5, Delta T = 07h05m49s
Ecliptic obliquity = 23°49'06, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'31, Lahiri = -17°53'31 Julian Calendar 1 Oct. 1010 BCE == Greg. Calendar 21 Sept. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

NOVEMBER 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 0 15	29♎17'36	27♊16	13♏ 8	15♏24	10♎ 4	28♌39	11♒38	9°R 0	21♍14	24♋30	19°R43	18♓13	13♐ 5	n.a.	S 1
S 2	2 4 11	0♏18'44	11♋42	14°39	16°39	10°46	28°48	11°39	8♓58	21°16	24°30	19♓40	18°10	13°11	n.a.	S 2
M 3	2 8 8	1°19'53	25°47	16°10	17°54	11°29	28°57	11°40	8°57	21°18	24°30	19°D38	18° 7	13°18	n.a.	M 3
T 4	2 12 4	2°21'03	9♌32	17°40	19° 9	12°11	29° 6	11°41	8°56	21°20	24°30	19°38	18° 4	13°25	n.a.	T 4
W 5	2 16 1	3°22'15	22°57	19°10	20°25	12°54	29°15	11°42	8°55	21°21	24°30	19°40	18° 1	13°32	n.a.	W 5
T 6	2 19 57	4°23'27	6♍ 4	20°39	21°40	13°37	29°24	11°43	8°54	21°23	24°R30	19°41	17°57	13°38	n.a.	T 6
F 7	2 23 54	5°24'40	18°56	22° 8	22°55	14°20	29°32	11°44	8°53	21°25	24°30	19°R42	17°54	13°45	n.a.	F 7
S 8	2 27 51	6°25'54	1♎35	23°36	24°10	15° 2	29°41	11°46	8°52	21°27	24°30	19°41	17°51	13°52	n.a.	S 8
S 9	2 31 47	7°27'08	14° 3	25° 2	25°25	15°45	29°49	11°47	8°51	21°28	24°30	19°38	17°48	13°59	n.a.	S 9
M10	2 35 44	8°28'23	26°21	26°28	26°40	16°28	29°57	11°49	8°50	21°30	24°30	19°32	17°45	14° 5	n.a.	M10
T 11	2 39 40	9°29'39	8♏32	27°52	27°55	17°11	0♍ 5	11°51	8°49	21°32	24°30	19°25	17°42	14°12	n.a.	T 11
W12	2 43 37	10°30'56	20°36	29°14	29°10	17°54	0°13	11°53	8°48	21°33	24°30	19°15	17°38	14°19	n.a.	W12
T 13	2 47 33	11°32'13	2♐34	0♐35	0♐25	18°37	0°21	11°55	8°47	21°35	24°29	19° 4	17°35	14°25	n.a.	T 13
F 14	2 51 30	12°33'30	14°27	1°53	1°40	19°20	0°29	11°57	8°46	21°37	24°29	18°53	17°32	14°32	n.a.	F 14
S 15	2 55 26	13°34'47	26°18	3° 8	2°55	20° 3	0°36	11°59	8°46	21°38	24°29	18°43	17°29	14°39	n.a.	S 15
S 16	2 59 23	14°36'05	8♑ 9	4°20	4°10	20°46	0°44	12° 1	8°45	21°40	24°29	18°35	17°26	14°46	n.a.	S 16
M17	3 3 20	15°37'23	20° 4	5°28	5°25	21°29	0°51	12° 4	8°45	21°41	24°28	18°29	17°22	14°52	n.a.	M17
T 18	3 7 16	16°38'40	2♒ 5	6°32	6°40	22°13	0°58	12° 6	8°44	21°43	24°28	18°25	17°19	14°59	n.a.	T 18
W19	3 11 13	17°39'58	14°19	7°31	7°55	22°56	1° 5	12° 9	8°44	21°44	24°28	18°D24	17°16	15° 6	n.a.	W19
T 20	3 15 9	18°41'15	26°49	8°23	9°10	23°39	1°12	12°11	8°43	21°45	24°27	18°24	17°13	15°13	n.a.	T 20
F 21	3 19 6	19°42'32	9♓41	9°10	10°25	24°22	1°18	12°14	8°43	21°47	24°27	18°25	17°10	15°19	n.a.	F 21
S 22	3 23 2	20°43'49	23° 0	9°48	11°40	25° 6	1°25	12°17	8°43	21°48	24°26	18°R25	17° 7	15°26	n.a.	S 22
S 23	3 26 59	21°45'06	6♈47	10°19	12°55	25°49	1°31	12°20	8°42	21°50	24°26	18°24	17° 3	15°33	n.a.	S 23
M24	3 30 55	22°46'23	21° 5	10°40	14°10	26°32	1°38	12°23	8°42	21°51	24°25	18°20	17° 0	15°39	n.a.	M24
T 25	3 34 52	23°47'39	5♉49	10°R50	15°25	27°16	1°44	12°27	8°42	21°52	24°25	18°13	16°57	15°46	n.a.	T 25
W26	3 38 49	24°48'55	20°54	10°50	16°39	27°59	1°50	12°30	8°42	21°53	24°24	18° 4	16°54	15°53	n.a.	W26
T 27	3 42 45	25°50'11	6♊11	10°39	17°54	28°43	1°55	12°33	8°42	21°55	24°23	17°54	16°51	16° 0	n.a.	T 27
F 28	3 46 42	26°51'27	21°28	10°15	19° 9	29°26	2° 1	12°37	8°D42	21°56	24°23	17°43	16°48	16° 6	n.a.	F 28
S 29	3 50 38	27°52'43	6♋33	9°40	20°24	0♏10	2° 6	12°40	8°42	21°57	24°22	17°34	16°44	16°13	n.a.	S 29
S 30	3 54 35	28♏53'59	21♋19	8♐53	21♐39	0♏54	2♍12	12♒44	8♓42	21♍58	24♋21	17♓26	16♓41	16♐20	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s24	28n55	5n 7	17s58	2s 2	17s 9	0s27	3s32	0n34	13n19	1n17	19s32	2s 3	9s 3	0s48	5n15	1n53	33n18	11n58	4s 8	4s44	27s49		n.a.
S 2	11 46	28 4	4 47	18 29	2 6	17 33	0 30	3 49	0 33	13 16	1 17	19 32	2 3	9 4	0 48	5 15	1 53	33 19	11 58	4 9	4 45	27 49		n.a.
M 3	12 7	25 25	4 11	18 59	2 8	17 57	0 32	4 7	0 33	13 13	1 17	19 31	2 3	9 4	0 48	5 14	1 53	33 19	11 58	4 10	4 46	27 50		n.a.
T 4	12 29	21 21	3 20	19 28	2 11	18 20	0 34	4 24	0 32	13 11	1 18	19 31	2 2	9 5	0 48	5 13	1 53	33 19	11 59	4 10	4 47	27 51		n.a.
W 5	12 50	16 16	2 20	19 55	2 13	18 43	0 37	4 41	0 32	13 8	1 18	19 30	2 2	9 5	0 48	5 13	1 53	33 20	11 59	4 9	4 49	27 52		n.a.
T 6	13 11	10 33	1 13	20 22	2 15	19 6	0 39	4 59	0 31	13 5	1 18	19 30	2 2	9 6	0 47	5 12	1 53	33 20	12 0	4 9	4 50	27 53		n.a.
F 7	13 32	4 31	0 4	20 47	2 16	19 28	0 42	5 16	0 31	13 2	1 18	19 29	2 2	9 6	0 47	5 11	1 53	33 21	12 0	4 9	4 51	27 54		n.a.
S 8	13 53	1s37	1s 4	21 10	2 17	19 49	0 44	5 33	0 30	12 59	1 18	19 29	2 2	9 6	0 47	5 11	1 53	33 21	12 1	4 9	4 53	27 55		n.a.
S 9	14 13	7 34	2 7	21 32	2 17	20 10	0 46	5 51	0 30	12 56	1 19	19 28	2 2	9 7	0 47	5 10	1 54	33 22	12 1	4 10	4 54	27 56		n.a.
M10	14 33	13 11	3 4	21 53	2 17	20 30	0 48	6 8	0 29	12 54	1 19	19 27	2 1	9 7	0 47	5 9	1 54	33 22	12 1	4 12	4 55	27 57		n.a.
T 11	14 53	18 13	3 52	22 12	2 16	20 50	0 51	6 25	0 28	12 51	1 19	19 27	2 1	9 7	0 47	5 9	1 54	33 22	12 2	4 15	4 56	27 58		n.a.
W12	15 13	22 29	4 28	22 29	2 14	21 9	0 53	6 42	0 28	12 48	1 19	19 26	2 1	9 8	0 47	5 8	1 54	33 23	12 2	4 19	4 58	27 59		n.a.
T 13	15 32	25 46	4 52	22 44	2 12	21 27	0 55	6 59	0 27	12 46	1 20	19 25	2 1	9 8	0 47	5 8	1 54	33 23	12 3	4 24	4 59	28 0		n.a.
F 14	15 51	27 55	5 4	22 58	2 8	21 45	0 57	7 16	0 27	12 43	1 20	19 25	2 1	9 8	0 47	5 7	1 54	33 24	12 3	4 28	5 0	28 0		n.a.
S 15	16 10	28 48	5 2	23 9	2 4	22 3	0 59	7 33	0 26	12 41	1 20	19 24	2 1	9 8	0 47	5 6	1 54	33 24	12 4	4 32	5 1	28 1		n.a.
S 16	16 28	28 21	4 47	23 18	2 0	22 19	1 1	7 50	0 26	12 38	1 20	19 23	2 0	9 8	0 47	5 6	1 54	33 25	12 4	4 35	5 3	28 2		n.a.
M17	16 47	26 35	4 20	23 25	1 54	22 35	1 3	8 7	0 25	12 36	1 21	19 22	2 0	9 9	0 47	5 5	1 54	33 25	12 4	4 38	5 4	28 3		n.a.
T 18	17 5	23 36	3 41	23 30	1 47	22 50	1 5	8 24	0 24	12 34	1 21	19 21	2 0	9 9	0 47	5 5	1 54	33 26	12 5	4 39	5 5	28 4		n.a.
W19	17 22	19 32	2 52	23 32	1 39	23 5	1 7	8 41	0 24	12 31	1 21	19 20	2 0	9 9	0 47	5 4	1 54	33 26	12 5	4 39	5 6	28 5		n.a.
T 20	17 39	14 32	1 53	23 31	1 29	23 19	1 9	8 58	0 23	12 29	1 22	19 19	2 0	9 9	0 47	5 4	1 54	33 27	12 6	4 39	5 8	28 5		n.a.
F 21	17 56	8 46	0 46	23 28	1 19	23 32	1 11	9 15	0 23	12 27	1 22	19 18	2 0	9 9	0 47	5 3	1 54	33 27	12 6	4 39	5 9	28 6		n.a.
S 22	18 13	2 27	0n24	23 23	1 7	23 45	1 13	9 31	0 22	12 25	1 22	19 18	2 0	9 9	0 47	5 3	1 54	33 28	12 6	4 39	5 10	28 7		n.a.
S 23	18 29	4n12	1 36	23 14	0 54	23 57	1 15	9 48	0 21	12 23	1 22	19 16	1 59	9 9	0 47	5 2	1 54	33 28	12 7	4 40	5 11	28 8		n.a.
M24	18 45	10 53	2 44	23 3	0 40	24 8	1 17	10 4	0 21	12 21	1 23	19 15	1 59	9 9	0 47	5 2	1 54	33 29	12 7	4 41	5 13	28 9		n.a.
T 25	19 1	17 11	3 44	22 49	0 24	24 18	1 18	10 21	0 20	12 19	1 23	19 14	1 59	9 9	0 47	5 1	1 54	33 29	12 8	4 44	5 14	28 9		n.a.
W26	19 16	22 35	4 29	22 33	0 7	24 28	1 20	10 37	0 19	12 17	1 23	19 13	1 59	9 9	0 47	5 1	1 54	33 30	12 8	4 47	5 15	28 10		n.a.
T 27	19 31	26 32	4 56	22 13	0n11	24 37	1 21	10 54	0 19	12 15	1 23	19 12	1 59	9 9	0 47	5 0	1 55	33 30	12 8	4 51	5 16	28 11		n.a.
F 28	19 46	28 33	5 1	21 51	0 30	24 45	1 23	11 10	0 18	12 13	1 24	19 11	1 59	9 9	0 47	5 0	1 55	33 31	12 9	4 56	5 18	28 12		n.a.
S 29	20 0	28 24	4 46	21 26	0 49	24 52	1 24	11 26	0 18	12 12	1 24	19 10	1 59	9 9	0 47	5 0	1 55	33 31	12 9	4 59	5 19	28 12		n.a.
S 30	20s14	26n14	4n11	21s 0	1n 9	24s59	1s26	11s42	0n17	12n10	1n24	19s 9	1s58	9s 9	0s47	4n59	1n55	33n32	12n10	5s 2	5s20	28s13		n.a.

Julian Day Number = 1352824.5, Delta T = 07h05m48s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'27, Lahiri = -17°53'27 Julian Calendar 1 Nov. 1010 BCE == Greg. Calendar 22 Oct. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1010 BCE
geocentric

DECEMBER 1010 BCE (-1009) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 58 31	29♏55'15	5♌38	7°R56	22♐53	1♏37	2♍17	12♒48	8♓42	21♍59	24°R21	17°R22	16♓38	16♐26	n.a.	M 1
T 2	4 2 28	0♐56'31	19°31	6♐50	24° 8	2°21	2°22	12°52	8°42	22° 0	24♋20	17♓19	16°35	16°33	n.a.	T 2
W 3	4 6 25	1°57'47	2♍57	5°37	25°23	3° 5	2°27	12°56	8°42	22° 2	24°19	17°D19	16°32	16°40	n.a.	W 3
T 4	4 10 21	2°59'02	15°59	4°20	26°37	3°49	2°31	13° 0	8°43	22° 3	24°18	17°R19	16°28	16°47	n.a.	T 4
F 5	4 14 18	4° 0'18	28°41	3° 0	27°52	4°33	2°36	13° 4	8°43	22° 4	24°17	17°19	16°25	16°53	n.a.	F 5
S 6	4 18 14	5° 1'33	11♎ 8	1°41	29° 7	5°16	2°40	13° 8	8°44	22° 4	24°17	17°16	16°22	17° 0	n.a.	S 6
S 7	4 22 11	6° 2'48	23°23	0°24	0♑21	6° 0	2°44	13°12	8°44	22° 5	24°16	17°11	16°19	17° 7	n.a.	S 7
M 8	4 26 7	7° 4'02	5♏29	29♏13	1°36	6°44	2°48	13°17	8°45	22° 6	24°15	17° 3	16°16	17°14	n.a.	M 8
T 9	4 30 4	8° 5'16	17°29	28° 8	2°51	7°28	2°52	13°21	8°45	22° 7	24°14	16°52	16°13	17°20	n.a.	T 9
W10	4 34 0	9° 6'30	29°25	27°11	4° 5	8°12	2°55	13°26	8°46	22° 8	24°13	16°39	16° 9	17°27	n.a.	W10
T 11	4 37 57	10° 7'43	11♐19	26°24	5°20	8°56	2°59	13°31	8°46	22° 9	24°12	16°24	16° 6	17°34	n.a.	T 11
F 12	4 41 54	11° 8'55	23°11	25°45	6°34	9°40	3° 2	13°35	8°47	22°10	24°11	16° 8	16° 3	17°40	n.a.	F 12
S 13	4 45 50	12°10'06	5♑ 3	25°17	7°49	10°25	3° 5	13°40	8°48	22°10	24°10	15°54	16° 0	17°47	n.a.	S 13
S 14	4 49 47	13°11'17	16°56	24°57	9° 3	11° 9	3° 8	13°45	8°49	22°11	24° 9	15°42	15°57	17°54	n.a.	S 14
M15	4 53 43	14°12'26	28°53	24°47	10°18	11°53	3°11	13°50	8°50	22°12	24° 8	15°32	15°54	18° 1	n.a.	M15
T 16	4 57 40	15°13'35	10♒56	24°D45	11°32	12°37	3°13	13°55	8°51	22°12	24° 7	15°26	15°50	18° 7	n.a.	T 16
W17	5 1 36	16°14'42	23°10	24°51	12°46	13°22	3°15	14° 0	8°52	22°13	24° 6	15°22	15°47	18°14	n.a.	W17
T 18	5 5 33	17°15'48	5♓37	25° 5	14° 1	14° 6	3°17	14° 6	8°53	22°13	24° 4	15°21	15°44	18°21	n.a.	T 18
F 19	5 9 30	18°16'52	18°23	25°25	15°15	14°50	3°19	14°11	8°54	22°14	24° 3	15°21	15°41	18°28	n.a.	F 19
S 20	5 13 26	19°17'56	1♈32	25°52	16°29	15°34	3°21	14°16	8°55	22°14	24° 2	15°21	15°38	18°34	n.a.	S 20
S 21	5 17 23	20°18'58	15° 9	26°24	17°44	16°19	3°23	14°22	8°56	22°15	24° 1	15°19	15°34	18°41	n.a.	S 21
M22	5 21 19	21°19'58	29°15	27° 2	18°58	17° 3	3°24	14°27	8°57	22°15	24° 0	15°15	15°31	18°48	n.a.	M22
T 23	5 25 16	22°20'58	13♉51	27°44	20°12	17°48	3°25	14°33	8°58	22°16	23°58	15° 8	15°28	18°54	n.a.	T 23
W24	5 29 12	23°21'56	28°51	28°31	21°26	18°32	3°26	14°38	9° 0	22°16	23°57	14°59	15°25	19° 1	n.a.	W24
T 25	5 33 9	24°22'52	14♊ 7	29°21	22°40	19°17	3°27	14°44	9° 1	22°16	23°56	14°48	15°22	19° 8	n.a.	T 25
F 26	5 37 5	25°23'48	29°30	0♐15	23°54	20° 1	3°28	14°50	9° 3	22°17	23°55	14°36	15°19	19°15	n.a.	F 26
S 27	5 41 2	26°24'42	14♋47	1°12	25° 8	20°46	3°28	14°56	9° 4	22°17	23°53	14°26	15°15	19°21	n.a.	S 27
S 28	5 44 59	27°25'35	29°47	2°12	26°22	21°31	3°28	15° 2	9° 6	22°17	23°52	14°17	15°12	19°28	n.a.	S 28
M29	5 48 55	28°26'27	14♌22	3°15	27°36	22°15	3°R29	15° 8	9° 7	22°17	23°51	14°11	15° 9	19°35	n.a.	M29
T 30	5 52 52	29°27'18	28°28	4°20	28°50	23° 0	3°28	15°14	9° 9	22°18	23°49	14° 9	15° 6	19°42	n.a.	T 30
W31	5 56 48	0♑28'07	12♍ 3	5♐27	0♒ 4	23♏45	3♍28	15♒20	9♓10	22♍18	23♋48	14°D 8	15♓ 3	19♐48	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	20s27	22n25	3n22	20s31	1n29	25s 5	1s27	11s58	0n16	12n 8	1n25	19s 7	1s58	9s 9	0s46	4n59	1n55	33n32	12n10	5s 4	5s21	28s14			n.a.
T 2	20 40	17 26	2 22	20 1	1 48	25 10	1 29	12 14	0 16	12 7	1 25	19 6	1 58	9 9	0 46	4 58	1 55	33 33	12 10	5 5	5 23	28 15			n.a.
W 3	20 53	11 45	1 15	19 30	2 7	25 14	1 30	12 30	0 15	12 5	1 25	19 5	1 58	9 9	0 46	4 58	1 55	33 33	12 11	5 5	5 24	28 15			n.a.
T 4	21 5	5 43	0 7	18 59	2 24	25 17	1 31	12 46	0 14	12 4	1 26	19 4	1 58	9 9	0 46	4 58	1 55	33 34	12 11	5 5	5 25	28 16			n.a.
F 5	21 17	0s23	1s 0	18 29	2 39	25 20	1 32	13 1	0 14	12 3	1 26	19 2	1 58	9 8	0 46	4 57	1 55	33 34	12 12	5 5	5 26	28 17			n.a.
S 6	21 28	6 21	2 2	18 1	2 52	25 22	1 33	13 17	0 13	12 1	1 26	19 1	1 58	9 8	0 46	4 57	1 55	33 35	12 12	5 6	5 28	28 17			n.a.
S 7	21 39	11 58	2 58	17 35	3 3	25 23	1 34	13 32	0 12	12 0	1 26	18 59	1 57	9 8	0 46	4 57	1 55	33 35	12 12	5 8	5 29	28 18			n.a.
M 8	21 50	17 5	3 45	17 11	3 11	25 24	1 35	13 48	0 12	11 59	1 27	18 58	1 57	9 8	0 46	4 56	1 55	33 36	12 13	5 11	5 30	28 19			n.a.
T 9	22 0	21 29	4 21	16 51	3 17	25 23	1 36	14 3	0 11	11 58	1 27	18 57	1 57	9 8	0 46	4 56	1 55	33 36	12 13	5 16	5 31	28 19			n.a.
W10	22 10	24 59	4 46	16 35	3 21	25 22	1 37	14 18	0 10	11 57	1 27	18 55	1 57	9 7	0 46	4 56	1 55	33 37	12 13	5 21	5 33	28 20			n.a.
T 11	22 19	27 24	4 58	16 22	3 23	25 20	1 38	14 33	0 10	11 56	1 28	18 54	1 57	9 7	0 46	4 56	1 55	33 37	12 14	5 27	5 34	28 21			n.a.
F 12	22 28	28 35	4 57	16 14	3 22	25 17	1 38	14 48	0 9	11 55	1 28	18 52	1 57	9 7	0 46	4 55	1 56	33 38	12 14	5 33	5 35	28 21			n.a.
S 13	22 36	28 26	4 43	16 9	3 20	25 14	1 39	15 3	0 8	11 54	1 28	18 51	1 57	9 6	0 46	4 55	1 56	33 38	12 14	5 39	5 36	28 22			n.a.
S 14	22 44	26 58	4 16	16 8	3 17	25 9	1 39	15 18	0 7	11 53	1 29	18 49	1 57	9 6	0 46	4 55	1 56	33 39	12 15	5 44	5 38	28 23			n.a.
M15	22 52	24 16	3 39	16 10	3 12	25 4	1 40	15 32	0 7	11 53	1 29	18 47	1 56	9 6	0 46	4 55	1 56	33 40	12 15	5 47	5 39	28 23			n.a.
T 16	22 59	20 30	2 51	16 15	3 6	24 58	1 40	15 46	0 6	11 52	1 29	18 46	1 56	9 5	0 46	4 54	1 56	33 40	12 15	5 50	5 40	28 24			n.a.
W17	23 6	15 48	1 54	16 23	2 59	24 52	1 41	16 1	0 5	11 51	1 29	18 44	1 56	9 5	0 46	4 54	1 56	33 41	12 16	5 51	5 41	28 24			n.a.
T 18	23 12	10 23	0 51	16 34	2 51	24 44	1 41	16 15	0 5	11 51	1 30	18 43	1 56	9 4	0 46	4 54	1 56	33 41	12 16	5 52	5 43	28 25			n.a.
F 19	23 17	4 25	0n16	16 47	2 43	24 36	1 41	16 29	0 4	11 51	1 30	18 41	1 56	9 4	0 46	4 54	1 56	33 42	12 16	5 52	5 44	28 26			n.a.
S 20	23 23	1n55	1 24	17 1	2 35	24 27	1 41	16 43	0 3	11 50	1 30	18 39	1 56	9 3	0 46	4 54	1 56	33 42	12 16	5 52	5 45	28 26			n.a.
S 21	23 27	8 22	2 30	17 18	2 26	24 18	1 41	16 56	0 2	11 50	1 31	18 37	1 56	9 3	0 46	4 54	1 56	33 43	12 17	5 53	5 46	28 27			n.a.
M22	23 32	14 38	3 29	17 35	2 17	24 7	1 41	17 10	0 2	11 50	1 31	18 36	1 56	9 3	0 46	4 54	1 56	33 43	12 17	5 54	5 48	28 27			n.a.
T 23	23 36	20 19	4 17	17 54	2 7	23 56	1 41	17 23	0 1	11 50	1 31	18 34	1 56	9 2	0 46	4 54	1 56	33 44	12 17	5 57	5 49	28 28			n.a.
W24	23 39	24 54	4 49	18 14	1 58	23 44	1 41	17 37	0 0	11 49	1 32	18 32	1 55	9 1	0 46	4 53	1 56	33 44	12 18	6 1	5 50	28 28			n.a.
T 25	23 42	27 49	5 0	18 34	1 48	23 32	1 40	17 50	0s 1	11 49	1 32	18 30	1 55	9 1	0 45	4 53	1 56	33 45	12 18	6 5	5 51	28 29			n.a.
F 26	23 44	28 39	4 50	18 55	1 38	23 18	1 40	18 3	0 1	11 49	1 32	18 28	1 55	9 0	0 45	4 53	1 57	33 45	12 18	6 9	5 53	28 29			n.a.
S 27	23 46	27 17	4 20	19 17	1 29	23 4	1 40	18 16	0 2	11 50	1 33	18 27	1 55	9 0	0 45	4 53	1 57	33 46	12 18	6 13	5 54	28 30			n.a.
S 28	23 48	23 57	3 31	19 38	1 19	22 50	1 39	18 28	0 3	11 50	1 33	18 25	1 55	8 59	0 45	4 53	1 57	33 46	12 19	6 17	5 55	28 30			n.a.
M29	23 48	19 10	2 30	20 0	1 10	22 35	1 38	18 41	0 4	11 50	1 33	18 23	1 55	8 58	0 45	4 53	1 57	33 47	12 19	6 19	5 56	28 31			n.a.
T 30	23 49	13 28	1 22	20 22	1 0	22 19	1 38	18 53	0 4	11 50	1 34	18 21	1 55	8 58	0 45	4 53	1 57	33 47	12 19	6 20	5 58	28 31			n.a.
W31	23s49	7n19	0n11	20s43	0n51	22s 2	1s37	19s 5	0s 5	11n51	1n34	18s19	1s55	8s57	0s45	4n53	1n57	33n48	12n19	6s20	5s59	28s32			n.a.

Julian Day Number = 1352854.5, Delta T = 07h05m46s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'23, Lahiri = -17°53'23 Julian Calendar 1 Dec. 1010 BCE == Greg. Calendar 21 Nov. 1010 BCE

The year -1009 astronomical counting style corresponds to year 1010 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

JANUARY 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 0 45	1♉28'55	25♍12	6♐37	1♒17	24♏29	3°R28	15♒26	9♓12	22♍18	23°R47	14°R 8	15♓ 0	19♐55	n.a.	T 1
F 2	6 4 41	2°29'42	7♎56	7°48	2°31	25°14	3♍27	15°32	9°14	22°18	23♋45	14♓ 8	14°56	20° 2	n.a.	F 2
S 3	6 8 38	3°30'28	20°21	9° 2	3°45	25°59	3°26	15°38	9°16	22°R18	23°44	14° 6	14°53	20° 8	n.a.	S 3
S 4	6 12 35	4°31'13	2♏32	10°16	4°59	26°44	3°25	15°45	9°17	22°18	23°42	14° 3	14°50	20°15	n.a.	S 4
M 5	6 16 31	5°31'56	14°32	11°33	6°12	27°29	3°24	15°51	9°19	22°18	23°41	13°56	14°47	20°22	n.a.	M 5
T 6	6 20 28	6°32'39	26°27	12°51	7°26	28°14	3°22	15°57	9°21	22°18	23°39	13°47	14°44	20°29	n.a.	T 6
W 7	6 24 24	7°33'19	8♐19	14°10	8°39	28°59	3°20	16° 4	9°23	22°18	23°38	13°36	14°40	20°35	n.a.	W 7
T 8	6 28 21	8°33'58	20°10	15°31	9°53	29°43	3°19	16°11	9°25	22°17	23°37	13°23	14°37	20°42	n.a.	T 8
F 9	6 32 17	9°34'36	2♑ 3	16°53	11° 6	0♐28	3°17	16°17	9°27	22°17	23°35	13°10	14°34	20°49	n.a.	F 9
S 10	6 36 14	10°35'12	13°58	18°16	12°20	1°13	3°14	16°24	9°29	22°17	23°34	12°58	14°31	20°56	n.a.	S 10
S 11	6 40 10	11°35'47	25°58	19°40	13°33	1°59	3°12	16°30	9°31	22°17	23°32	12°47	14°28	21° 2	n.a.	S 11
M12	6 44 7	12°36'19	8♒ 2	21° 5	14°46	2°44	3° 9	16°37	9°34	22°16	23°31	12°39	14°25	21° 9	n.a.	M12
T 13	6 48 4	13°36'50	20°14	22°32	15°59	3°29	3° 7	16°44	9°36	22°16	23°29	12°34	14°21	21°16	n.a.	T 13
W14	6 52 0	14°37'18	2♓35	23°59	17°12	4°14	3° 4	16°51	9°38	22°16	23°28	12°31	14°18	21°22	n.a.	W14
T 15	6 55 57	15°37'45	15° 9	25°28	18°26	4°59	3° 0	16°58	9°40	22°15	23°26	12°D31	14°15	21°29	n.a.	T 15
F 16	6 59 53	16°38'09	27°57	26°58	19°39	5°44	2°57	17° 5	9°43	22°15	23°25	12°32	14°12	21°36	n.a.	F 16
S 17	7 3 50	17°38'32	11♈ 5	28°28	20°51	6°29	2°54	17°11	9°45	22°15	23°23	12°R33	14° 9	21°43	n.a.	S 17
S 18	7 7 46	18°38'52	24°35	29°59	22° 4	7°14	2°50	17°18	9°47	22°14	23°22	12°33	14° 6	21°49	n.a.	S 18
M19	7 11 43	19°39'10	8♉29	1♑33	23°17	8° 0	2°46	17°25	9°50	22°14	23°20	12°31	14° 2	21°56	n.a.	M19
T 20	7 15 39	20°39'26	22°48	3° 6	24°30	8°45	2°42	17°33	9°52	22°13	23°19	12°27	13°59	22° 3	n.a.	T 20
W21	7 19 36	21°39'40	7♊30	4°41	25°43	9°30	2°38	17°40	9°55	22°12	23°17	12°21	13°56	22° 9	n.a.	W21
T 22	7 23 33	22°39'52	22°29	6°17	26°55	10°15	2°34	17°47	9°57	22°12	23°15	12°14	13°53	22°16	n.a.	T 22
F 23	7 27 29	23°40'01	7♋37	7°53	28° 8	11° 1	2°29	17°54	10° 0	22°11	23°14	12° 6	13°50	22°23	n.a.	F 23
S 24	7 31 26	24°40'09	22°45	9°31	29°20	11°46	2°24	18° 1	10° 3	22°11	23°12	11°59	13°46	22°30	n.a.	S 24
S 25	7 35 22	25°40'14	7♌42	11°10	0♓32	12°31	2°20	18° 8	10° 5	22°10	23°11	11°53	13°43	22°36	n.a.	S 25
M26	7 39 19	26°40'18	22°20	12°50	1°45	13°17	2°15	18°16	10° 8	22° 9	23° 9	11°50	13°40	22°43	n.a.	M26
T 27	7 43 15	27°40'19	6♍32	14°31	2°57	14° 2	2° 9	18°23	10°11	22° 8	23° 8	11°D48	13°37	22°50	n.a.	T 27
W28	7 47 12	28°40'19	20°17	16°13	4° 9	14°48	2° 4	18°30	10°13	22° 8	23° 6	11°48	13°34	22°57	n.a.	W28
T 29	7 51 8	29°40'17	3♎34	17°56	5°21	15°33	1°59	18°38	10°16	22° 7	23° 5	11°49	13°31	23° 3	n.a.	T 29
F 30	7 55 5	0♒40'13	16°25	19°40	6°33	16°18	1°53	18°45	10°19	22° 6	23° 3	11°51	13°27	23°10	n.a.	F 30
S 31	7 59 2	1♒40'07	28♎56	21♑25	7♓45	17♐ 4	1♍47	18♒52	10♓22	22♍ 5	23♋ 2	11°R52	13♓24	23♐17	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23 s49	1n 3	0 s58	21 s 4	0n42	21 s45	1 s36	19 s17	0 s 6	11n51	1n34	18 s17	1 s55	8 s56	0 s45	4n53	1n57	33n48	12n20	6 s20	6 s 0	28 s32			n.a.
F 2	23 48	5 s 4	2 3	21 25	0 33	21 27	1 35	19 29	0 7	11 52	1 35	18 15	1 55	8 56	0 45	4 53	1 57	33 49	12 20	6 20	6 1	28 33			n.a.
S 3	23 46	10 50	2 59	21 46	0 24	21 9	1 34	19 41	0 7	11 52	1 35	18 13	1 55	8 55	0 45	4 53	1 57	33 49	12 20	6 21	6 3	28 33			n.a.
S 4	23 44	16 5	3 47	22 6	0 15	20 50	1 33	19 52	0 8	11 53	1 35	18 11	1 54	8 54	0 45	4 53	1 57	33 50	12 20	6 22	6 4	28 34			n.a.
M 5	23 42	20 38	4 24	22 25	0 6	20 30	1 32	20 3	0 9	11 54	1 35	18 9	1 54	8 54	0 45	4 54	1 57	33 50	12 20	6 25	6 5	28 34			n.a.
T 6	23 39	24 20	4 48	22 44	0 s 2	20 10	1 31	20 14	0 10	11 55	1 36	18 7	1 54	8 53	0 45	4 54	1 57	33 51	12 21	6 28	6 6	28 35			n.a.
W 7	23 36	26 59	5 0	23 2	0 10	19 49	1 30	20 25	0 11	11 56	1 36	18 5	1 54	8 52	0 45	4 54	1 57	33 51	12 21	6 33	6 8	28 35			n.a.
T 8	23 32	28 26	5 0	23 19	0 18	19 28	1 28	20 36	0 11	11 57	1 36	18 3	1 54	8 51	0 45	4 54	1 57	33 51	12 21	6 38	6 9	28 35			n.a.
F 9	23 28	28 34	4 46	23 35	0 26	19 6	1 27	20 46	0 12	11 58	1 37	18 1	1 54	8 50	0 45	4 54	1 57	33 52	12 21	6 43	6 10	28 36			n.a.
S 10	23 23	27 22	4 19	23 51	0 33	18 44	1 25	20 56	0 13	11 59	1 37	17 59	1 54	8 50	0 45	4 54	1 58	33 52	12 21	6 48	6 11	28 36			n.a.
S 11	23 18	24 55	3 41	24 5	0 41	18 21	1 24	21 7	0 14	12 0	1 37	17 57	1 54	8 49	0 45	4 54	1 58	33 53	12 21	6 52	6 13	28 37			n.a.
M12	23 13	21 20	2 53	24 18	0 48	17 58	1 22	21 16	0 15	12 1	1 38	17 55	1 54	8 48	0 45	4 55	1 58	33 53	12 22	6 55	6 14	28 37			n.a.
T 13	23 7	16 48	1 56	24 30	0 54	17 34	1 20	21 26	0 15	12 2	1 38	17 52	1 54	8 47	0 45	4 55	1 58	33 54	12 22	6 57	6 15	28 37			n.a.
W14	23 0	11 32	0 53	24 42	1 1	17 10	1 18	21 35	0 16	12 4	1 38	17 50	1 54	8 46	0 45	4 55	1 58	33 54	12 22	6 58	6 16	28 38			n.a.
T 15	22 53	5 44	0n14	24 51	1 7	16 45	1 16	21 45	0 17	12 5	1 38	17 48	1 54	8 45	0 45	4 55	1 58	33 54	12 22	6 58	6 18	28 38			n.a.
F 16	22 46	0n25	1 22	25 0	1 13	16 20	1 14	21 54	0 18	12 7	1 39	17 46	1 54	8 44	0 45	4 55	1 58	33 55	12 22	6 58	6 19	28 38			n.a.
S 17	22 38	6 42	2 27	25 7	1 19	15 55	1 12	22 2	0 19	12 8	1 39	17 44	1 54	8 43	0 45	4 56	1 58	33 55	12 22	6 58	6 20	28 39			n.a.
S 18	22 30	12 51	3 26	25 13	1 24	15 29	1 10	22 11	0 19	12 10	1 39	17 42	1 54	8 42	0 45	4 56	1 58	33 56	12 22	6 58	6 21	28 39			n.a.
M19	22 21	18 33	4 14	25 18	1 29	15 2	1 8	22 19	0 20	12 12	1 40	17 39	1 54	8 41	0 45	4 56	1 58	33 56	12 23	6 58	6 23	28 39			n.a.
T 20	22 12	23 25	4 49	25 21	1 34	14 36	1 6	22 27	0 21	12 13	1 40	17 37	1 54	8 40	0 45	4 56	1 58	33 56	12 23	7 0	6 24	28 40			n.a.
W21	22 3	26 55	5 5	25 22	1 38	14 9	1 3	22 35	0 22	12 15	1 40	17 35	1 54	8 39	0 45	4 57	1 58	33 57	12 23	7 2	6 25	28 40			n.a.
T 22	21 53	28 37	5 2	25 22	1 43	13 41	1 1	22 43	0 23	12 17	1 40	17 33	1 53	8 38	0 45	4 57	1 58	33 57	12 23	7 5	6 26	28 40			n.a.
F 23	21 42	28 12	4 37	25 21	1 46	13 14	0 59	22 50	0 24	12 19	1 41	17 30	1 53	8 37	0 44	4 57	1 58	33 58	12 23	7 8	6 27	28 40			n.a.
S 24	21 32	25 41	3 53	25 18	1 50	12 46	0 56	22 57	0 24	12 21	1 41	17 28	1 53	8 36	0 44	4 58	1 58	33 58	12 23	7 10	6 29	28 41			n.a.
S 25	21 21	21 25	2 53	25 13	1 53	12 17	0 53	23 4	0 25	12 23	1 41	17 26	1 53	8 35	0 44	4 58	1 59	33 58	12 23	7 13	6 30	28 41			n.a.
M26	21 9	15 55	1 43	25 6	1 56	11 49	0 51	23 11	0 26	12 25	1 41	17 23	1 53	8 34	0 44	4 58	1 59	33 59	12 23	7 14	6 31	28 41			n.a.
T 27	20 57	9 41	0 28	24 58	1 58	11 20	0 48	23 18	0 27	12 27	1 42	17 21	1 53	8 33	0 44	4 59	1 59	33 59	12 23	7 15	6 32	28 41			n.a.
W28	20 45	3 13	0 s46	24 48	2 0	10 50	0 45	23 24	0 28	12 29	1 42	17 19	1 53	8 32	0 44	4 59	1 59	33 59	12 23	7 15	6 34	28 42			n.a.
T 29	20 32	3 s12	1 55	24 36	2 1	10 21	0 42	23 30	0 29	12 31	1 42	17 16	1 53	8 31	0 44	4 59	1 59	34 0	12 23	7 14	6 35	28 42			n.a.
F 30	20 19	9 16	2 56	24 22	2 3	9 51	0 39	23 35	0 30	12 33	1 42	17 14	1 53	8 30	0 44	5 0	1 59	34 0	12 23	7 14	6 36	28 42			n.a.
S 31	20 s 6	14 s48	3 s48	24 s 7	2 s 3	9 s21	0 s36	23 s41	0 s30	12n36	1n42	17 s12	1 s53	8 s29	0 s44	5n 0	1n59	34n 0	12n23	7 s13	6 s37	28 s42			n.a.

Julian Day Number = 1352885.5, Delta T = 07h05m44s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'19, Lahiri = -17°53'18 Julian Calendar 1 Jan. 1009 BCE == Greg. Calendar 22 Dec. 1010 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

FEBRUARY 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 2 58	2♒39'59	11♏ 9	23♉12	8♓57	17♐49	1°R42	19♒ 0	10♓24	22°R 4	23°R 0	11°R51	13♓21	23♐23	n.a.	S 1
M 2	8 6 55	3°39'50	23°11	24°59	10° 8	18°35	1♍36	19° 7	10°27	22♍ 3	22♋59	11♓49	13°18	23°30	n.a.	M 2
T 3	8 10 51	4°39'39	5♐ 5	26°48	11°20	19°20	1°30	19°15	10°30	22° 2	22°57	11°46	13°15	23°37	n.a.	T 3
W 4	8 14 48	5°39'26	16°56	28°38	12°31	20° 6	1°23	19°22	10°33	22° 1	22°56	11°40	13°12	23°44	n.a.	W 4
T 5	8 18 44	6°39'11	28°47	0♒29	13°43	20°51	1°17	19°29	10°36	22° 0	22°54	11°34	13° 8	23°50	n.a.	T 5
F 6	8 22 41	7°38'54	10♉42	2°21	14°54	21°37	1°11	19°37	10°39	21°59	22°53	11°28	13° 5	23°57	n.a.	F 6
S 7	8 26 37	8°38'35	22°43	4°15	16° 5	22°23	1° 4	19°45	10°42	21°58	22°51	11°21	13° 2	24° 4	n.a.	S 7
S 8	8 30 34	9°38'14	4♒51	6° 9	17°17	23° 8	0°57	19°52	10°45	21°57	22°50	11°16	12°59	24°11	n.a.	S 8
M 9	8 34 31	10°37'51	17° 7	8° 5	18°28	23°54	0°51	20° 0	10°48	21°56	22°48	11°13	12°56	24°17	n.a.	M 9
T 10	8 38 27	11°37'25	29°34	10° 2	19°39	24°39	0°44	20° 7	10°51	21°55	22°47	11°10	12°52	24°24	n.a.	T 10
W11	8 42 24	12°36'58	12♓11	11°59	20°49	25°25	0°37	20°15	10°54	21°54	22°46	11°D10	12°49	24°31	n.a.	W11
T 12	8 46 20	13°36'28	25° 1	13°58	22° 0	26°11	0°30	20°22	10°57	21°53	22°44	11°10	12°46	24°37	n.a.	T 12
F 13	8 50 17	14°35'55	8♈ 3	15°57	23°11	26°56	0°23	20°30	11° 1	21°51	22°43	11°12	12°43	24°44	n.a.	F 13
S 14	8 54 13	15°35'20	21°21	17°58	24°21	27°42	0°15	20°37	11° 4	21°50	22°41	11°13	12°40	24°51	n.a.	S 14
S 15	8 58 10	16°34'43	4♉55	19°59	25°32	28°27	0° 8	20°45	11° 7	21°49	22°40	11°15	12°37	24°58	n.a.	S 15
M16	9 2 6	17°34'03	18°46	22° 0	26°42	29°13	0° 1	20°53	11°10	21°48	22°39	11°R15	12°33	25° 4	n.a.	M16
T 17	9 6 3	18°33'21	2♊54	24° 2	27°52	29°59	29♌53	21° 0	11°13	21°46	22°37	11°14	12°30	25°11	n.a.	T 17
W18	9 9 59	19°32'37	17°17	26° 4	29° 2	0♉44	29°46	21° 8	11°16	21°45	22°36	11°13	12°27	25°18	n.a.	W18
T 19	9 13 56	20°31'50	1♋53	28° 5	0♈12	1°30	29°38	21°16	11°20	21°44	22°35	11°10	12°24	25°24	n.a.	T 19
F 20	9 17 53	21°31'00	16°35	0♓ 6	1°22	2°16	29°31	21°23	11°23	21°42	22°33	11° 8	12°21	25°31	n.a.	F 20
S 21	9 21 49	22°30'09	1♌19	2° 7	2°31	3° 1	29°23	21°31	11°26	21°41	22°32	11° 5	12°18	25°38	n.a.	S 21
S 22	9 25 46	23°29'14	15°55	4° 6	3°41	3°47	29°16	21°38	11°30	21°40	22°31	11° 3	12°14	25°45	n.a.	S 22
M23	9 29 42	24°28'18	0♍19	6° 4	4°50	4°33	29° 8	21°46	11°33	21°38	22°29	11° 2	12°11	25°51	n.a.	M23
T 24	9 33 39	25°27'19	14°24	8° 0	5°59	5°18	29° 0	21°54	11°36	21°37	22°28	11°D 2	12° 8	25°58	n.a.	T 24
W25	9 37 35	26°26'18	28° 6	9°54	7° 8	6° 4	28°53	22° 1	11°39	21°35	22°27	11° 3	12° 5	26° 5	n.a.	W25
T 26	9 41 32	27°25'16	11♎25	11°45	8°17	6°50	28°45	22° 9	11°43	21°34	22°26	11° 4	12° 2	26°11	n.a.	T 26
F 27	9 45 28	28°24'11	24°21	13°33	9°26	7°35	28°37	22°16	11°46	21°33	22°25	11° 5	11°58	26°18	n.a.	F 27
S 28	9 49 25	29°23'04	6♏57	15°18	10°35	8°21	28°29	22°24	11°49	21°31	22°23	11° 6	11°55	26°25	n.a.	S 28
S 29	9 53 22	0♓21'56	19♏15	17♓ 0	11♈43	9♉ 7	28♌22	22♒32	11♓53	21♍30	22♋22	11♓ 7	11♓52	26♐32	n.a.	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s52	19s38	4s27	23s49	2s 3	8s51	0s33	23s46	0s31	12n38	1n43	17s 9	1s53	8s28	0s44	5n 1	1n59	34n 1	12n23	7s13	6s39	28s43		n.a.
M 2	19 38	23 36	4 54	23 29	2 3	8 21	0 30	23 51	0 32	12 40	1 43	17 7	1 53	8 27	0 44	5 1	1 59	34 1	12 23	7 14	6 40	28 43		n.a.
T 3	19 24	26 32	5 8	23 8	2 2	7 51	0 27	23 56	0 33	12 43	1 43	17 5	1 53	8 26	0 44	5 1	1 59	34 1	12 23	7 16	6 41	28 43		n.a.
W 4	19 9	28 17	5 9	22 44	2 1	7 20	0 24	24 0	0 34	12 45	1 43	17 2	1 53	8 24	0 44	5 2	1 59	34 1	12 23	7 18	6 42	28 43		n.a.
T 5	18 54	28 45	4 56	22 18	1 59	6 49	0 21	24 4	0 35	12 48	1 44	17 0	1 53	8 23	0 44	5 2	1 59	34 2	12 23	7 20	6 44	28 43		n.a.
F 6	18 39	27 53	4 31	21 51	1 57	6 18	0 17	24 8	0 36	12 50	1 44	16 57	1 53	8 22	0 44	5 3	1 59	34 2	12 23	7 23	6 45	28 44		n.a.
S 7	18 23	25 43	3 54	21 21	1 54	5 47	0 14	24 12	0 36	12 53	1 44	16 55	1 53	8 21	0 44	5 3	1 59	34 2	12 23	7 25	6 46	28 44		n.a.
S 8	18 7	22 21	3 5	20 49	1 51	5 16	0 11	24 15	0 37	12 55	1 44	16 53	1 53	8 20	0 44	5 4	1 59	34 2	12 23	7 27	6 47	28 44		n.a.
M 9	17 51	17 58	2 8	20 16	1 47	4 45	0 7	24 19	0 38	12 58	1 44	16 50	1 53	8 19	0 44	5 4	1 59	34 3	12 23	7 28	6 49	28 44		n.a.
T 10	17 34	12 47	1 3	19 40	1 43	4 13	0 4	24 22	0 39	13 1	1 44	16 48	1 53	8 17	0 44	5 5	1 59	34 3	12 23	7 29	6 50	28 44		n.a.
W11	17 17	7 1	0n 6	19 2	1 38	3 42	0 0	24 24	0 40	13 3	1 45	16 45	1 53	8 16	0 44	5 5	1 59	34 3	12 23	7 30	6 51	28 44		n.a.
T 12	17 0	0 52	1 15	18 22	1 32	3 10	0n 4	24 26	0 41	13 6	1 45	16 43	1 53	8 15	0 44	5 6	2 0	34 3	12 23	7 29	6 52	28 44		n.a.
F 13	16 43	5n25	2 22	17 40	1 26	2 38	0 7	24 29	0 42	13 9	1 45	16 40	1 53	8 14	0 44	5 6	2 0	34 3	12 23	7 29	6 53	28 44		n.a.
S 14	16 25	11 35	3 23	16 57	1 19	2 7	0 11	24 30	0 43	13 11	1 45	16 38	1 53	8 12	0 44	5 7	2 0	34 4	12 23	7 28	6 55	28 45		n.a.
S 15	16 7	17 20	4 14	16 11	1 12	1 35	0 15	24 32	0 43	13 14	1 45	16 36	1 54	8 11	0 44	5 7	2 0	34 4	12 23	7 28	6 56	28 45		n.a.
M16	15 49	22 19	4 51	15 24	1 4	1 3	0 18	24 33	0 44	13 17	1 45	16 33	1 54	8 10	0 44	5 8	2 0	34 4	12 23	7 27	6 57	28 45		n.a.
T 17	15 30	26 9	5 11	14 35	0 55	0 32	0 22	24 34	0 45	13 20	1 45	16 31	1 54	8 9	0 44	5 9	2 0	34 4	12 23	7 28	6 58	28 45		n.a.
W18	15 11	28 23	5 13	13 45	0 46	0n 0	0 26	24 35	0 46	13 22	1 45	16 28	1 54	8 7	0 44	5 9	2 0	34 4	12 23	7 28	7 0	28 45		n.a.
T 19	14 52	28 42	4 54	12 54	0 36	0 32	0 30	24 35	0 47	13 25	1 46	16 26	1 54	8 6	0 44	5 10	2 0	34 4	12 22	7 29	7 1	28 45		n.a.
F 20	14 33	27 1	4 16	12 1	0 26	1 4	0 33	24 36	0 48	13 28	1 46	16 23	1 54	8 5	0 44	5 10	2 0	34 5	12 22	7 30	7 2	28 45		n.a.
S 21	14 14	23 27	3 22	11 8	0 15	1 35	0 37	24 36	0 49	13 31	1 46	16 21	1 54	8 4	0 44	5 11	2 0	34 5	12 22	7 31	7 3	28 45		n.a.
S 22	13 54	18 27	2 14	10 14	0 4	2 7	0 41	24 35	0 50	13 34	1 46	16 18	1 54	8 2	0 44	5 11	2 0	34 5	12 22	7 32	7 5	28 45		n.a.
M23	13 34	12 27	0 59	9 19	0n 7	2 38	0 45	24 35	0 50	13 36	1 46	16 16	1 54	8 1	0 44	5 12	2 0	34 5	12 22	7 32	7 6	28 45		n.a.
T 24	13 14	5 57	0s19	8 25	0 19	3 10	0 49	24 34	0 51	13 39	1 46	16 13	1 54	8 0	0 44	5 13	2 0	34 5	12 22	7 32	7 7	28 45		n.a.
W25	12 54	0s39	1 33	7 30	0 31	3 41	0 53	24 33	0 52	13 42	1 46	16 11	1 54	7 58	0 44	5 13	2 0	34 5	12 22	7 32	7 8	28 45		n.a.
T 26	12 34	7 2	2 40	6 36	0 43	4 12	0 57	24 31	0 53	13 45	1 46	16 8	1 54	7 57	0 44	5 14	2 0	34 5	12 22	7 32	7 9	28 45		n.a.
F 27	12 13	12 57	3 37	5 43	0 55	4 43	1 1	24 30	0 54	13 48	1 46	16 6	1 54	7 56	0 44	5 14	2 0	34 5	12 21	7 31	7 11	28 45		n.a.
S 28	11 52	18 10	4 22	4 51	1 7	5 15	1 5	24 28	0 55	13 50	1 46	16 4	1 54	7 55	0 44	5 15	2 0	34 5	12 21	7 31	7 12	28 45		n.a.
S 29	11s31	22s31	4s54	4s 0	1n20	5n45	1n 9	24s25	0s56	13n53	1n46	16s 1	1s54	7s53	0s44	5n16	2n 0	34n 5	12n21	7s31	7s13	28s45		n.a.

Julian Day Number = 1352916.5, Delta T = 07h05m43s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'15, Lahiri = -17°53'14 Julian Calendar 1 Feb. 1009 BCE == Greg. Calendar 22 Jan. 1009 BCE

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

MARCH 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 57 18	1♓20'46	1♐20	18♓37	12♈51	9♉52	28°R14	22♒39	11♓56	21°R28	22°R21	11°R 7	11♓49	26♐38	n.a.	M 1
T 2	10 1 15	2°19'33	13°16	20°10	13°59	10°38	28♌ 6	22°47	12° 0	21♍27	22♋20	11♓ 7	11°46	26°45	n.a.	T 2
W 3	10 5 11	3°18'19	25° 8	21°38	15° 7	11°24	27°59	22°54	12° 3	21°25	22°19	11° 6	11°43	26°52	n.a.	W 3
T 4	10 9 8	4°17'04	7♉ 1	23° 1	16°15	12°10	27°51	23° 2	12° 6	21°24	22°18	11° 5	11°39	26°59	n.a.	T 4
F 5	10 13 4	5°15'46	18°58	24°19	17°23	12°55	27°43	23° 9	12°10	21°22	22°17	11° 4	11°36	27° 5	n.a.	F 5
S 6	10 17 1	6°14'26	1♒ 4	25°32	18°30	13°41	27°36	23°17	12°13	21°20	22°16	11° 4	11°33	27°12	n.a.	S 6
S 7	10 20 57	7°13'05	13°20	26°39	19°38	14°27	27°28	23°24	12°17	21°19	22°15	11° 3	11°30	27°19	n.a.	S 7
M 8	10 24 54	8°11'41	25°49	27°41	20°45	15°12	27°21	23°32	12°20	21°17	22°14	11° 3	11°27	27°25	n.a.	M 8
T 9	10 28 50	9°10'15	8♓32	28°37	21°52	15°58	27°13	23°39	12°23	21°16	22°13	11°D 3	11°24	27°32	n.a.	T 9
W10	10 32 47	10° 8'48	21°30	29°27	22°58	16°43	27° 6	23°47	12°27	21°14	22°12	11° 3	11°20	27°39	n.a.	W10
T 11	10 36 44	11° 7'18	4♈42	0♈12	24° 5	17°29	26°59	23°54	12°30	21°13	22°11	11°R 3	11°17	27°46	n.a.	T 11
F 12	10 40 40	12° 5'46	18° 9	0°50	25°11	18°15	26°51	24° 2	12°34	21°11	22°10	11° 3	11°14	27°52	n.a.	F 12
S 13	10 44 37	13° 4'12	1♉48	1°22	26°17	19° 0	26°44	24° 9	12°37	21° 9	22° 9	11° 3	11°11	27°59	n.a.	S 13
S 14	10 48 33	14° 2'35	15°38	1°48	27°23	19°46	26°37	24°16	12°41	21° 8	22° 8	11° 2	11° 8	28° 6	n.a.	S 14
M15	10 52 30	15° 0'57	29°38	2° 8	28°29	20°31	26°30	24°24	12°44	21° 6	22° 8	11° 2	11° 4	28°12	n.a.	M15
T 16	10 56 26	15°59'16	13♊46	2°23	29°35	21°17	26°23	24°31	12°47	21° 4	22° 7	11°D 2	11° 1	28°19	n.a.	T 16
W17	11 0 23	16°57'33	28° 0	2°31	0♋40	22° 2	26°16	24°38	12°51	21° 3	22° 6	11° 2	10°58	28°26	n.a.	W17
T 18	11 4 19	17°55'48	12♋17	2°R33	1°45	22°48	26° 9	24°45	12°54	21° 1	22° 5	11° 2	10°55	28°33	n.a.	T 18
F 19	11 8 16	18°54'01	26°35	2°30	2°50	23°33	26° 3	24°53	12°58	21° 0	22° 5	11° 3	10°52	28°39	n.a.	F 19
S 20	11 12 13	19°52'11	10♌50	2°21	3°54	24°19	25°56	25° 0	13° 1	20°58	22° 4	11° 4	10°49	28°46	n.a.	S 20
S 21	11 16 9	20°50'19	24°58	2° 7	4°58	25° 4	25°50	25° 7	13° 4	20°56	22° 3	11° 4	10°45	28°53	n.a.	S 21
M22	11 20 6	21°48'26	8♍57	1°48	6° 2	25°50	25°43	25°14	13° 8	20°55	22° 3	11°R 5	10°42	28°59	n.a.	M22
T 23	11 24 2	22°46'30	22°42	1°25	7° 6	26°35	25°37	25°21	13°11	20°53	22° 2	11° 4	10°39	29° 6	n.a.	T 23
W24	11 27 59	23°44'32	6♎10	0°58	8°10	27°20	25°31	25°28	13°15	20°51	22° 1	11° 4	10°36	29°13	n.a.	W24
T 25	11 31 55	24°42'33	19°21	0°28	9°13	28° 6	25°25	25°35	13°18	20°50	22° 1	11° 2	10°33	29°20	n.a.	T 25
F 26	11 35 52	25°40'32	2♏13	29♓55	10°16	28°51	25°19	25°42	13°21	20°48	22° 0	11° 0	10°29	29°26	n.a.	F 26
S 27	11 39 48	26°38'30	14°48	29°19	11°18	29°36	25°13	25°49	13°25	20°47	22° 0	10°58	10°26	29°33	n.a.	S 27
S 28	11 43 45	27°36'26	27° 7	28°43	12°21	0♒22	25° 8	25°56	13°28	20°45	21°59	10°56	10°23	29°40	n.a.	S 28
M29	11 47 41	28°34'21	9♐13	28° 5	13°23	1° 7	25° 2	26° 3	13°31	20°43	21°59	10°54	10°20	29°46	n.a.	M29
T 30	11 51 38	29°32'14	21°11	27°27	14°24	1°52	24°57	26°10	13°35	20°42	21°58	10°53	10°17	29°53	n.a.	T 30
W31	11 55 35	0♈30'06	3♉ 4	26♓49	15♉26	2♒37	24♌52	26♒16	13♓38	20♍40	21♋58	10°D53	10♓14	29♐59	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s10	25s50	5s12	3s10	1n31	6n16	1n13	24s23	0s57	13n56	1n46	15s59	1s54	7s52	0s44	5n16	2n 0	34n 5	12n21	7s31	7s14	28s45			n.a.
T 2	10 49	27 59	5 16	2 23	1 43	6 47	1 17	24 20	0 57	13 59	1 46	15 56	1 54	7 51	0 44	5 17	2 0	34 6	12 21	7 31	7 16	28 45			n.a.
W 3	10 27	28 50	5 7	1 37	1 54	7 17	1 21	24 17	0 58	14 1	1 46	15 54	1 54	7 49	0 44	5 18	2 0	34 6	12 21	7 31	7 17	28 45			n.a.
T 4	10 6	28 22	4 45	0 54	2 5	7 47	1 25	24 14	0 59	14 4	1 46	15 51	1 55	7 48	0 44	5 18	2 0	34 6	12 20	7 31	7 18	28 45			n.a.
F 5	9 44	26 34	4 10	0 13	2 16	8 17	1 29	24 10	1 0	14 7	1 46	15 49	1 55	7 47	0 44	5 19	2 0	34 6	12 20	7 32	7 19	28 45			n.a.
S 6	9 22	23 33	3 24	0n25	2 25	8 47	1 33	24 7	1 1	14 9	1 46	15 46	1 55	7 45	0 44	5 19	2 0	34 6	12 20	7 32	7 21	28 45			n.a.
S 7	9 0	19 26	2 28	1 0	2 35	9 17	1 37	24 3	1 2	14 12	1 46	15 44	1 55	7 44	0 44	5 20	2 0	34 6	12 20	7 32	7 22	28 44			n.a.
M 8	8 38	14 25	1 23	1 33	2 43	9 46	1 40	23 58	1 3	14 15	1 46	15 42	1 55	7 43	0 44	5 21	2 0	34 6	12 20	7 32	7 23	28 44			n.a.
T 9	8 15	8 43	0 14	2 3	2 50	10 16	1 44	23 54	1 3	14 17	1 46	15 39	1 55	7 41	0 44	5 21	2 0	34 6	12 20	7 32	7 24	28 44			n.a.
W10	7 53	2 33	0n58	2 29	2 57	10 44	1 48	23 49	1 4	14 20	1 46	15 37	1 55	7 40	0 44	5 22	2 0	34 6	12 19	7 32	7 25	28 44			n.a.
T 11	7 30	3n51	2 7	2 52	3 3	11 13	1 52	23 44	1 5	14 22	1 46	15 34	1 55	7 39	0 44	5 23	2 0	34 5	12 19	7 32	7 27	28 44			n.a.
F 12	7 8	10 10	3 11	3 12	3 7	11 42	1 56	23 39	1 6	14 25	1 46	15 32	1 55	7 37	0 44	5 23	2 0	34 5	12 19	7 32	7 28	28 44			n.a.
S 13	6 45	16 7	4 6	3 28	3 11	12 10	2 0	23 33	1 7	14 27	1 46	15 29	1 55	7 36	0 44	5 24	2 1	34 5	12 19	7 32	7 29	28 44			n.a.
S 14	6 22	21 20	4 46	3 41	3 14	12 37	2 4	23 27	1 8	14 30	1 46	15 27	1 56	7 35	0 44	5 25	2 1	34 5	12 18	7 32	7 30	28 44			n.a.
M15	6 0	25 26	5 11	3 50	3 15	13 5	2 7	23 21	1 9	14 32	1 46	15 25	1 56	7 33	0 44	5 25	2 1	34 5	12 18	7 33	7 32	28 43			n.a.
T 16	5 37	28 3	5 16	3 56	3 15	13 32	2 11	23 15	1 9	14 34	1 46	15 22	1 56	7 32	0 44	5 26	2 1	34 5	12 18	7 33	7 33	28 43			n.a.
W17	5 14	28 51	5 3	3 58	3 14	13 59	2 15	23 8	1 10	14 36	1 45	15 20	1 56	7 31	0 44	5 27	2 1	34 5	12 18	7 33	7 34	28 43			n.a.
T 18	4 51	27 44	4 31	3 57	3 11	14 26	2 18	23 1	1 11	14 39	1 45	15 18	1 56	7 29	0 44	5 27	2 1	34 5	12 18	7 32	7 35	28 43			n.a.
F 19	4 28	24 48	3 42	3 52	3 7	14 52	2 22	22 54	1 12	14 41	1 45	15 15	1 56	7 28	0 44	5 28	2 1	34 5	12 17	7 32	7 36	28 43			n.a.
S 20	4 4	20 21	2 40	3 43	3 2	15 18	2 26	22 47	1 13	14 43	1 45	15 13	1 56	7 27	0 44	5 29	2 1	34 5	12 17	7 32	7 38	28 42			n.a.
S 21	3 41	14 47	1 28	3 32	2 55	15 43	2 29	22 40	1 14	14 45	1 45	15 11	1 56	7 25	0 44	5 29	2 1	34 5	12 17	7 32	7 39	28 42			n.a.
M22	3 18	8 31	0 12	3 17	2 47	16 8	2 33	22 32	1 14	14 47	1 45	15 8	1 56	7 24	0 44	5 30	2 1	34 4	12 17	7 31	7 40	28 42			n.a.
T 23	2 55	1 58	1s 4	2 59	2 38	16 33	2 36	22 24	1 15	14 49	1 45	15 6	1 57	7 23	0 44	5 31	2 1	34 4	12 16	7 32	7 41	28 42			n.a.
W24	2 31	4s32	2 14	2 38	2 28	16 57	2 39	22 16	1 16	14 51	1 45	15 4	1 57	7 21	0 44	5 31	2 1	34 4	12 16	7 32	7 43	28 42			n.a.
T 25	2 8	10 42	3 16	2 15	2 16	17 21	2 43	22 7	1 17	14 53	1 44	15 1	1 57	7 20	0 44	5 32	2 1	34 4	12 16	7 32	7 44	28 41			n.a.
F 26	1 45	16 16	4 6	1 50	2 3	17 45	2 46	21 59	1 18	14 55	1 44	14 59	1 57	7 19	0 44	5 33	2 1	34 4	12 16	7 33	7 45	28 41			n.a.
S 27	1 21	21 2	4 43	1 23	1 49	18 8	2 49	21 50	1 18	14 57	1 44	14 57	1 57	7 17	0 44	5 33	2 1	34 4	12 15	7 34	7 46	28 41			n.a.
S 28	0 58	24 47	5 6	0 55	1 34	18 30	2 52	21 41	1 19	14 59	1 44	14 55	1 57	7 16	0 44	5 34	2 1	34 4	12 15	7 35	7 47	28 41			n.a.
M29	0 35	27 22	5 15	0 25	1 19	18 53	2 55	21 32	1 20	15 0	1 44	14 52	1 57	7 15	0 44	5 35	2 1	34 3	12 15	7 36	7 49	28 40			n.a.
T 30	0 11	28 41	5 10	0s 5	1 2	19 14	2 58	21 22	1 21	15 2	1 44	14 50	1 58	7 14	0 44	5 35	2 1	34 3	12 14	7 36	7 50	28 40			n.a.
W31	0n12	28s39	4s52	0s35	0n46	19n36	3n 1	21s13	1s22	15n 4	1n44	14s48	1s58	7s12	0s44	5n36	2n 1	34n 3	12n14	7s36	7s51	28s40			n.a.

Julian Day Number = 1352945.5, Delta T = 07h05m41s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'11, Lahiri = -17°53'10 Julian Calendar 1 March 1009 BCE == Greg. Calendar 20 Feb. 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

APRIL 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 59 31	1♈27'56	14♉58	26°R13	16♉27	3♒23	24°R47	26♒23	13♓41	20°R38	21°R58	10♓54	10♓10	0♉ 7	n.a.	T 1
F 2	12 3 28	2°25'45	26°56	25♓38	17°27	4° 8	24♌42	26°30	13°45	20♍37	21♋57	10°55	10° 7	0°13	n.a.	F 2
S 3	12 7 24	3°23'33	9♒ 4	25° 6	18°28	4°53	24°37	26°36	13°48	20°35	21°57	10°56	10° 4	0°20	n.a.	S 3
S 4	12 11 21	4°21'19	21°25	24°37	19°27	5°38	24°33	26°43	13°51	20°34	21°57	10°58	10° 1	0°27	n.a.	S 4
M 5	12 15 17	5°19'04	4♓ 3	24°10	20°27	6°23	24°28	26°50	13°54	20°32	21°57	10°59	9°58	0°33	n.a.	M 5
T 6	12 19 14	6°16'47	17° 0	23°48	21°26	7° 8	24°24	26°56	13°58	20°31	21°56	10°R59	9°55	0°40	n.a.	T 6
W 7	12 23 10	7°14'29	0♈17	23°29	22°25	7°53	24°20	27° 3	14° 1	20°29	21°56	10°58	9°51	0°47	n.a.	W 7
T 8	12 27 7	8°12'10	13°53	23°14	23°23	8°38	24°16	27° 9	14° 4	20°27	21°56	10°55	9°48	0°54	n.a.	T 8
F 9	12 31 4	9° 9'49	27°46	23° 4	24°21	9°23	24°12	27°15	14° 7	20°26	21°56	10°52	9°45	1° 0	n.a.	F 9
S 10	12 35 0	10° 7'26	11♉53	22°58	25°19	10° 8	24° 9	27°22	14°10	20°24	21°56	10°47	9°42	1° 7	n.a.	S 10
S 11	12 38 57	11° 5'03	26° 8	22°D57	26°16	10°52	24° 5	27°28	14°13	20°23	21°56	10°43	9°39	1°14	n.a.	S 11
M12	12 42 53	12° 2'37	10♊28	23° 0	27°12	11°37	24° 2	27°34	14°17	20°21	21°D56	10°40	9°35	1°20	n.a.	M12
T 13	12 46 50	13° 0'10	24°48	23° 8	28° 8	12°22	23°59	27°40	14°20	20°20	21°56	10°37	9°32	1°27	n.a.	T 13
W14	12 50 46	13°57'42	9♋ 4	23°20	29° 4	13° 7	23°56	27°46	14°23	20°19	21°56	10°D36	9°29	1°34	n.a.	W14
T 15	12 54 43	14°55'12	23°14	23°37	29°59	13°51	23°53	27°52	14°26	20°17	21°56	10°36	9°26	1°41	n.a.	T 15
F 16	12 58 39	15°52'40	7♌15	23°59	0♊54	14°36	23°51	27°58	14°29	20°16	21°56	10°37	9°23	1°47	n.a.	F 16
S 17	13 2 36	16°50'07	21° 8	24°24	1°48	15°20	23°48	28° 4	14°32	20°14	21°56	10°39	9°20	1°54	n.a.	S 17
S 18	13 6 33	17°47'32	4♍50	24°54	2°41	16° 5	23°46	28°10	14°35	20°13	21°56	10°R40	9°16	2° 1	n.a.	S 18
M19	13 10 29	18°44'56	18°22	25°28	3°34	16°49	23°44	28°16	14°38	20°11	21°56	10°39	9°13	2° 7	n.a.	M19
T 20	13 14 26	19°42'18	1♎42	26° 6	4°26	17°34	23°42	28°22	14°41	20°10	21°57	10°38	9°10	2°14	n.a.	T 20
W21	13 18 22	20°39'39	14°50	26°47	5°17	18°18	23°40	28°27	14°44	20° 9	21°57	10°34	9° 7	2°21	n.a.	W21
T 22	13 22 19	21°37'00	27°45	27°33	6° 8	19° 2	23°39	28°33	14°47	20° 7	21°57	10°28	9° 4	2°28	n.a.	T 22
F 23	13 26 15	22°34'19	10♏26	28°22	6°58	19°46	23°38	28°38	14°50	20° 6	21°57	10°22	9° 0	2°34	n.a.	F 23
S 24	13 30 12	23°31'37	22°53	29°15	7°47	20°31	23°36	28°44	14°52	20° 5	21°58	10°14	8°57	2°41	n.a.	S 24
S 25	13 34 8	24°28'55	5♐ 8	0♈11	8°36	21°15	23°35	28°49	14°55	20° 3	21°58	10° 7	8°54	2°48	n.a.	S 25
M26	13 38 5	25°26'11	17°12	1°11	9°24	21°59	23°35	28°55	14°58	20° 2	21°59	10° 0	8°51	2°54	n.a.	M26
T 27	13 42 2	26°23'27	29° 9	2°14	10°11	22°43	23°34	29° 0	15° 1	20° 1	21°59	9°55	8°48	3° 1	n.a.	T 27
W28	13 45 58	27°20'43	11♑ 1	3°20	10°57	23°27	23°34	29° 5	15° 3	20° 0	21°59	9°51	8°45	3° 8	n.a.	W28
T 29	13 49 55	28°17'58	22°54	4°30	11°43	24°11	23°33	29°10	15° 6	19°58	22° 0	9°50	8°41	3°15	n.a.	T 29
F 30	13 53 51	29♈15'12	4♒51	5♈42	12♊27	24♒55	23°D33	29♒15	15♓ 9	19♍57	22♋ 0	9°D50	8♓38	3♑21	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n35	27s17	4s21	1s 5	0n29	19n56	3n 4	21s 3	1s22	15n 5	1n43	14s46	1s58	7s11	0s44	5n36	2n 1	34n 3	12n14	7s36	7s52	28s39		n.a.
F 2	0 59	24 41	3 39	1 34	0 12	20 17	3 6	20 53	1 23	15 7	1 43	14 44	1 58	7 10	0 44	5 37	2 1	34 3	12 14	7 35	7 54	28 39		n.a.
S 3	1 22	20 57	2 47	2 3	0s 4	20 37	3 9	20 42	1 24	15 8	1 43	14 41	1 58	7 8	0 44	5 38	2 1	34 2	12 13	7 35	7 55	28 39		n.a.
S 4	1 45	16 15	1 46	2 30	0 21	20 56	3 11	20 32	1 25	15 9	1 43	14 39	1 58	7 7	0 44	5 38	2 1	34 2	12 13	7 34	7 56	28 38		n.a.
M 5	2 9	10 46	0 38	2 55	0 37	21 15	3 14	20 21	1 26	15 11	1 43	14 37	1 59	7 6	0 44	5 39	2 1	34 2	12 13	7 34	7 57	28 38		n.a.
T 6	2 32	4 42	0n33	3 19	0 53	21 33	3 16	20 10	1 26	15 12	1 42	14 35	1 59	7 5	0 44	5 40	2 1	34 2	12 13	7 34	7 58	28 38		n.a.
W 7	2 55	1n42	1 44	3 40	1 8	21 51	3 18	19 59	1 27	15 13	1 42	14 33	1 59	7 3	0 44	5 40	2 1	34 1	12 12	7 34	8 0	28 37		n.a.
T 8	3 18	8 10	2 51	3 59	1 23	22 8	3 20	19 48	1 28	15 14	1 42	14 31	1 59	7 2	0 44	5 41	2 0	34 1	12 12	7 35	8 1	28 37		n.a.
F 9	3 41	14 23	3 48	4 16	1 36	22 25	3 22	19 37	1 29	15 15	1 42	14 29	1 59	7 1	0 44	5 41	2 0	34 1	12 12	7 36	8 2	28 37		n.a.
S 10	4 4	19 58	4 33	4 30	1 49	22 41	3 24	19 25	1 29	15 16	1 41	14 27	1 59	7 0	0 44	5 42	2 0	34 1	12 11	7 38	8 3	28 36		n.a.
S 11	4 27	24 29	5 2	4 42	2 1	22 57	3 26	19 13	1 30	15 17	1 41	14 25	2 0	6 59	0 44	5 43	2 0	34 0	12 11	7 40	8 5	28 36		n.a.
M12	4 50	27 31	5 12	4 51	2 13	23 12	3 27	19 1	1 31	15 18	1 41	14 23	2 0	6 57	0 44	5 43	2 0	34 0	12 11	7 41	8 6	28 35		n.a.
T 13	5 13	28 45	5 3	4 57	2 23	23 27	3 29	18 49	1 32	15 19	1 41	14 21	2 0	6 56	0 44	5 44	2 0	34 0	12 11	7 42	8 7	28 35		n.a.
W14	5 35	28 4	4 34	5 0	2 32	23 41	3 30	18 37	1 32	15 20	1 41	14 19	2 0	6 55	0 44	5 44	2 0	33 59	12 10	7 43	8 8	28 35		n.a.
T 15	5 58	25 33	3 50	5 1	2 41	23 54	3 31	18 25	1 33	15 21	1 40	14 17	2 0	6 54	0 44	5 45	2 0	33 59	12 10	7 43	8 9	28 34		n.a.
F 16	6 21	21 31	2 52	5 0	2 48	24 7	3 32	18 12	1 34	15 21	1 40	14 15	2 1	6 53	0 44	5 45	2 0	33 59	12 10	7 42	8 11	28 34		n.a.
S 17	6 43	16 20	1 44	4 55	2 55	24 20	3 33	17 59	1 34	15 22	1 40	14 13	2 1	6 51	0 44	5 46	2 0	33 59	12 9	7 42	8 12	28 33		n.a.
S 18	7 5	10 23	0 32	4 48	3 0	24 31	3 34	17 47	1 35	15 22	1 40	14 11	2 1	6 50	0 44	5 46	2 0	33 58	12 9	7 41	8 13	28 33		n.a.
M19	7 27	4 2	0s42	4 39	3 5	24 42	3 35	17 34	1 36	15 23	1 39	14 9	2 1	6 49	0 44	5 47	2 0	33 58	12 9	7 41	8 14	28 32		n.a.
T 20	7 50	2s24	1 52	4 27	3 9	24 53	3 35	17 21	1 36	15 23	1 39	14 7	2 1	6 48	0 44	5 47	2 0	33 58	12 8	7 42	8 15	28 32		n.a.
W21	8 11	8 37	2 55	4 13	3 12	25 3	3 35	17 7	1 37	15 24	1 39	14 5	2 2	6 47	0 44	5 48	2 0	33 57	12 8	7 43	8 17	28 32		n.a.
T 22	8 33	14 22	3 47	3 57	3 14	25 12	3 36	16 54	1 38	15 24	1 39	14 4	2 2	6 46	0 44	5 49	2 0	33 57	12 8	7 45	8 18	28 31		n.a.
F 23	8 55	19 24	4 27	3 38	3 15	25 21	3 36	16 40	1 39	15 24	1 38	14 2	2 2	6 45	0 44	5 49	2 0	33 57	12 8	7 48	8 19	28 31		n.a.
S 24	9 17	23 31	4 54	3 17	3 16	25 30	3 35	16 27	1 39	15 24	1 38	14 0	2 2	6 43	0 44	5 50	2 0	33 56	12 7	7 51	8 20	28 30		n.a.
S 25	9 38	26 31	5 7	2 54	3 15	25 37	3 35	16 13	1 40	15 24	1 38	13 58	2 2	6 42	0 44	5 50	2 0	33 56	12 7	7 54	8 21	28 30		n.a.
M26	9 59	28 16	5 6	2 29	3 14	25 44	3 34	15 59	1 40	15 24	1 38	13 57	2 3	6 41	0 44	5 50	2 0	33 56	12 7	7 56	8 23	28 29		n.a.
T 27	10 20	28 40	4 51	2 2	3 13	25 51	3 34	15 45	1 41	15 24	1 37	13 55	2 3	6 40	0 44	5 51	2 0	33 55	12 6	7 58	8 24	28 29		n.a.
W28	10 41	27 44	4 24	1 33	3 10	25 57	3 33	15 31	1 42	15 24	1 37	13 53	2 3	6 39	0 44	5 51	2 0	33 55	12 6	8 0	8 25	28 28		n.a.
T 29	11 2	25 33	3 46	1 2	3 7	26 2	3 31	15 17	1 42	15 24	1 37	13 52	2 3	6 38	0 44	5 52	2 0	33 54	12 6	8 0	8 26	28 27		n.a.
F 30	11n23	22s13	2s57	0s29	3s 3	26n 7	3n30	15s 2	1s43	15n24	1n37	13s50	2s 3	6s37	0s44	5n52	2n 0	33n54	12n 6	8s 0	8s28	28s27		n.a.

Julian Day Number = 1352976.5, Delta T = 07h05m40s
Ecliptic obliquity = 23°49'05, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'06, Lahiri = -17°53'06 Julian Calendar 1 Apr. 1009 BCE == Greg. Calendar 22 March 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

MAY 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 57 48	0♉12'25	16♒58	6♈58	13♊11	25♒38	23♌33	29♒20	15♓12	19°R56	22♋ 1	9♓50	8♓35	3♑28	n.a.	S 1
S 2	14 1 44	1° 9'39	29°20	8°16	13°53	26°22	23°34	29°25	15°14	19♍55	22° 1	9°52	8°32	3°35	n.a.	S 2
M 3	14 5 41	2° 6'51	12♓ 2	9°38	14°35	27° 6	23°34	29°30	15°17	19°54	22° 2	9°R52	8°29	3°41	n.a.	M 3
T 4	14 9 37	3° 4'03	25° 6	11° 2	15°15	27°49	23°35	29°35	15°19	19°53	22° 3	9°51	8°26	3°48	n.a.	T 4
W 5	14 13 34	4° 1'15	8♈36	12°30	15°55	28°33	23°36	29°40	15°22	19°52	22° 3	9°48	8°22	3°55	n.a.	W 5
T 6	14 17 31	4°58'26	22°30	14° 0	16°33	29°16	23°37	29°44	15°24	19°51	22° 4	9°42	8°19	4° 2	n.a.	T 6
F 7	14 21 27	5°55'36	6♉46	15°33	17°11	29°59	23°38	29°49	15°27	19°50	22° 5	9°35	8°16	4° 8	n.a.	F 7
S 8	14 25 24	6°52'47	21°18	17° 9	17°47	0♓43	23°39	29°53	15°29	19°49	22° 5	9°26	8°13	4°15	n.a.	S 8
S 9	14 29 20	7°49'56	6♊ 1	18°48	18°22	1°26	23°41	29°58	15°32	19°48	22° 6	9°18	8°10	4°22	n.a.	S 9
M10	14 33 17	8°47'05	20°45	20°29	18°55	2° 9	23°43	0♓ 2	15°34	19°47	22° 7	9°10	8° 6	4°28	n.a.	M10
T 11	14 37 13	9°44'13	5♋24	22°14	19°27	2°52	23°44	0° 6	15°36	19°46	22° 8	9° 4	8° 3	4°35	n.a.	T 11
W12	14 41 10	10°41'21	19°52	24° 1	19°58	3°35	23°47	0°10	15°39	19°45	22° 9	9° 0	8° 0	4°42	n.a.	W12
T 13	14 45 7	11°38'28	4♌ 5	25°50	20°28	4°18	23°49	0°14	15°41	19°44	22°10	8°58	7°57	4°49	n.a.	T 13
F 14	14 49 3	12°35'34	18° 2	27°43	20°55	5° 1	23°51	0°18	15°43	19°43	22°10	8°D58	7°54	4°55	n.a.	F 14
S 15	14 53 0	13°32'40	1♍42	29°38	21°22	5°44	23°54	0°22	15°45	19°42	22°11	8°R58	7°51	5° 2	n.a.	S 15
S 16	14 56 56	14°29'44	15° 7	1♉35	21°46	6°26	23°57	0°26	15°47	19°42	22°12	8°58	7°47	5° 9	n.a.	S 16
M17	15 0 53	15°26'49	28°19	3°34	22° 9	7° 9	24° 0	0°30	15°49	19°41	22°13	8°57	7°44	5°15	n.a.	M17
T 18	15 4 49	16°23'52	11♎18	5°36	22°31	7°52	24° 3	0°33	15°51	19°40	22°14	8°53	7°41	5°22	n.a.	T 18
W19	15 8 46	17°20'56	24° 5	7°39	22°50	8°34	24° 6	0°37	15°54	19°39	22°15	8°46	7°38	5°29	n.a.	W19
T 20	15 12 42	18°17'59	6♏42	9°45	23° 7	9°16	24° 9	0°40	15°55	19°39	22°16	8°37	7°35	5°35	n.a.	T 20
F 21	15 16 39	19°15'02	19° 8	11°51	23°23	9°58	24°13	0°44	15°57	19°38	22°17	8°26	7°32	5°42	n.a.	F 21
S 22	15 20 36	20°12'06	1♐24	13°59	23°37	10°41	24°17	0°47	15°59	19°37	22°19	8°14	7°28	5°49	n.a.	S 22
S 23	15 24 32	21° 9'09	13°32	16° 8	23°48	11°23	24°21	0°50	16° 1	19°37	22°20	8° 1	7°25	5°56	n.a.	S 23
M24	15 28 29	22° 6'12	25°31	18°18	23°58	12° 5	24°25	0°53	16° 3	19°36	22°21	7°50	7°22	6° 2	n.a.	M24
T 25	15 32 25	23° 3'15	7♑25	20°28	24° 5	12°46	24°29	0°56	16° 5	19°36	22°22	7°41	7°19	6° 9	n.a.	T 25
W26	15 36 22	24° 0'19	19°15	22°39	24°10	13°28	24°33	0°59	16° 7	19°35	22°23	7°33	7°16	6°16	n.a.	W26
T 27	15 40 18	24°57'23	1♒ 6	24°49	24°13	14°10	24°38	1° 2	16° 8	19°35	22°24	7°29	7°12	6°22	n.a.	T 27
F 28	15 44 15	25°54'27	13° 2	26°59	24°R14	14°51	24°43	1° 4	16°10	19°34	22°26	7°27	7° 9	6°29	n.a.	F 28
S 29	15 48 11	26°51'32	25° 7	29° 8	24°12	15°33	24°48	1° 7	16°12	19°34	22°27	7°D26	7° 6	6°36	n.a.	S 29
S 30	15 52 8	27°48'37	7♓27	1♊17	24° 9	16°14	24°53	1°10	16°13	19°34	22°28	7°R26	7° 3	6°43	n.a.	S 30
M31	15 56 5	28♉45'42	20♓ 7	3♊24	24♊ 2	16♓56	24♌58	1♓12	16♓15	19♍33	22♋30	7♓26	7♓ 0	6♑49	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n43	17s54	2s 0	0n 5	2s58	26n11	3n28	14s48	1s44	15n24	1n36	13s49	2s 4	6s36	0s44	5n53	2n 0	33n54	12n 5	8s 0	8s29	28s26		n.a.
S 2	12 4	12 46	0 56	0 41	2 53	26 14	3 26	14 33	1 44	15 23	1 36	13 47	2 4	6 35	0 44	5 53	2 0	33 53	12 5	8 0	8 30	28 26		n.a.
M 3	12 24	6 59	0n12	1 19	2 47	26 17	3 24	14 19	1 45	15 23	1 36	13 46	2 4	6 34	0 44	5 54	2 0	33 53	12 5	7 59	8 31	28 25		n.a.
T 4	12 44	0 44	1 21	1 58	2 41	26 20	3 22	14 4	1 45	15 22	1 36	13 44	2 4	6 33	0 44	5 54	2 0	33 53	12 4	8 0	8 32	28 25		n.a.
W 5	13 3	5n43	2 28	2 39	2 34	26 22	3 19	13 49	1 46	15 22	1 35	13 43	2 5	6 32	0 44	5 54	2 0	33 52	12 4	8 1	8 34	28 24		n.a.
T 6	13 23	12 5	3 28	3 22	2 26	26 23	3 16	13 34	1 47	15 21	1 35	13 41	2 5	6 31	0 44	5 55	2 0	33 52	12 4	8 3	8 35	28 24		n.a.
F 7	13 42	18 1	4 16	4 6	2 18	26 24	3 13	13 19	1 47	15 21	1 35	13 40	2 5	6 30	0 44	5 55	2 0	33 51	12 4	8 6	8 36	28 23		n.a.
S 8	14 2	23 1	4 49	4 51	2 10	26 24	3 10	13 4	1 48	15 20	1 34	13 38	2 5	6 29	0 44	5 55	2 0	33 51	12 3	8 9	8 37	28 22		n.a.
S 9	14 20	26 38	5 4	5 37	2 1	26 24	3 6	12 49	1 48	15 19	1 34	13 37	2 6	6 28	0 44	5 56	1 59	33 51	12 3	8 13	8 38	28 22		n.a.
M10	14 39	28 27	4 58	6 25	1 51	26 23	3 2	12 34	1 49	15 18	1 34	13 36	2 6	6 27	0 44	5 56	1 59	33 50	12 3	8 16	8 40	28 21		n.a.
T 11	14 58	28 15	4 33	7 13	1 42	26 21	2 58	12 18	1 49	15 17	1 34	13 34	2 6	6 27	0 44	5 56	1 59	33 50	12 2	8 18	8 41	28 20		n.a.
W12	15 16	26 7	3 51	8 3	1 32	26 19	2 54	12 3	1 50	15 16	1 33	13 33	2 6	6 26	0 44	5 57	1 59	33 49	12 2	8 19	8 42	28 20		n.a.
T 13	15 34	22 22	2 55	8 53	1 21	26 16	2 49	11 48	1 50	15 15	1 33	13 32	2 7	6 25	0 44	5 57	1 59	33 49	12 2	8 20	8 43	28 19		n.a.
F 14	15 52	17 24	1 49	9 44	1 10	26 13	2 44	11 32	1 51	15 14	1 33	13 31	2 7	6 24	0 45	5 57	1 59	33 48	12 2	8 20	8 44	28 18		n.a.
S 15	16 9	11 38	0 39	10 35	1 0	26 10	2 38	11 17	1 51	15 13	1 33	13 30	2 7	6 23	0 45	5 58	1 59	33 48	12 1	8 20	8 46	28 18		n.a.
S 16	16 26	5 27	0s33	11 27	0 48	26 5	2 32	11 1	1 52	15 12	1 32	13 29	2 7	6 22	0 45	5 58	1 59	33 48	12 1	8 20	8 47	28 17		n.a.
M17	16 43	0s51	1 41	12 19	0 37	26 1	2 26	10 45	1 52	15 11	1 32	13 27	2 8	6 22	0 45	5 58	1 59	33 47	12 1	8 20	8 48	28 16		n.a.
T 18	17 0	7 1	2 43	13 11	0 26	25 55	2 19	10 30	1 53	15 9	1 32	13 26	2 8	6 21	0 45	5 58	1 59	33 47	12 1	8 22	8 49	28 16		n.a.
W19	17 17	12 49	3 35	14 3	0 15	25 50	2 13	10 14	1 53	15 8	1 32	13 25	2 8	6 20	0 45	5 59	1 59	33 46	12 0	8 24	8 50	28 15		n.a.
T 20	17 33	17 59	4 16	14 54	0 4	25 43	2 5	9 58	1 54	15 7	1 31	13 24	2 8	6 19	0 45	5 59	1 59	33 46	12 0	8 28	8 52	28 14		n.a.
F 21	17 49	22 20	4 44	15 45	0n 7	25 36	1 58	9 42	1 54	15 5	1 31	13 23	2 9	6 19	0 45	5 59	1 59	33 45	12 0	8 32	8 53	28 14		n.a.
S 22	18 4	25 38	4 59	16 34	0 18	25 29	1 50	9 26	1 55	15 4	1 31	13 22	2 9	6 18	0 45	5 59	1 59	33 45	12 0	8 37	8 54	28 13		n.a.
S 23	18 20	27 44	5 0	17 22	0 28	25 21	1 41	9 11	1 55	15 2	1 31	13 22	2 9	6 17	0 45	5 59	1 59	33 45	11 59	8 42	8 55	28 12		n.a.
M24	18 35	28 31	4 47	18 9	0 38	25 13	1 32	8 55	1 55	15 0	1 30	13 21	2 10	6 16	0 45	6 0	1 59	33 44	11 59	8 46	8 56	28 11		n.a.
T 25	18 50	27 58	4 22	18 55	0 47	25 4	1 23	8 39	1 56	14 59	1 30	13 20	2 10	6 16	0 45	6 0	1 59	33 44	11 59	8 49	8 58	28 11		n.a.
W26	19 4	26 8	3 46	19 38	0 56	24 55	1 13	8 23	1 56	14 57	1 30	13 19	2 10	6 15	0 45	6 0	1 59	33 43	11 59	8 52	8 59	28 10		n.a.
T 27	19 18	23 9	3 0	20 19	1 5	24 45	1 3	8 7	1 57	14 55	1 30	13 18	2 10	6 14	0 45	6 0	1 59	33 43	11 58	8 54	9 0	28 9		n.a.
F 28	19 32	19 10	2 5	20 58	1 13	24 34	0 53	7 51	1 57	14 53	1 29	13 18	2 11	6 14	0 45	6 0	1 59	33 42	11 58	8 55	9 1	28 8		n.a.
S 29	19 46	14 22	1 5	21 35	1 20	24 24	0 42	7 35	1 57	14 52	1 29	13 17	2 11	6 13	0 45	6 0	1 58	33 42	11 58	8 55	9 2	28 8		n.a.
S 30	19 59	8 54	0n 0	22 9	1 27	24 12	0 31	7 19	1 58	14 50	1 29	13 16	2 11	6 13	0 45	6 0	1 58	33 41	11 58	8 55	9 4	28 7		n.a.
M31	20n12	2s57	1n 7	22n41	1n33	24n 0	0n20	7s 3	1s58	14n48	1n29	13s16	2s11	6s12	0s45	6n 0	1n58	33n41	11n58	8s55	9s 5	28s 6		n.a.

Julian Day Number = 1353006.5, Delta T = 07h05m38s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -17°00'02, Lahiri = -17°53'02 Julian Calendar 1 May 1009 BCE == Greg. Calendar 21 Apr. 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

JUNE 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 0 1	29♉42'48	3♈12	5♊30	23°R54	17♓37	25♌ 3	1♓14	16♓16	19°R33	22♋31	7°R24	6♓57	6♉56	n.a.	T 1
W 2	16 3 58	0♊39'54	16°44	7°35	23♊43	18°18	25° 9	1°17	16°18	19♍33	22°32	7♓20	6°53	7° 3	n.a.	W 2
T 3	16 7 54	1°37'02	0♉46	9°38	23°29	18°59	25°14	1°19	16°19	19°32	22°34	7°13	6°50	7° 9	n.a.	T 3
F 4	16 11 51	2°34'09	15°14	11°40	23°13	19°40	25°20	1°21	16°20	19°32	22°35	7° 4	6°47	7°16	n.a.	F 4
S 5	16 15 47	3°31'18	0♊ 3	13°40	22°55	20°20	25°26	1°23	16°22	19°32	22°37	6°53	6°44	7°23	n.a.	S 5
S 6	16 19 44	4°28'26	15° 6	15°39	22°35	21° 1	25°32	1°24	16°23	19°32	22°38	6°42	6°41	7°29	n.a.	S 6
M 7	16 23 41	5°25'35	0♋12	17°35	22°13	21°41	25°38	1°26	16°24	19°32	22°39	6°32	6°38	7°36	n.a.	M 7
T 8	16 27 37	6°22'45	15°12	19°30	21°48	22°22	25°44	1°28	16°25	19°32	22°41	6°24	6°34	7°43	n.a.	T 8
W 9	16 31 34	7°19'55	29°57	21°23	21°22	23° 2	25°51	1°29	16°26	19°32	22°42	6°19	6°31	7°50	n.a.	W 9
T 10	16 35 30	8°17'05	14♌21	23°15	20°53	23°42	25°58	1°31	16°27	19°D32	22°44	6°16	6°28	7°56	n.a.	T 10
F 11	16 39 27	9°14'15	28°23	25° 4	20°23	24°22	26° 4	1°32	16°28	19°32	22°46	6°15	6°25	8° 3	n.a.	F 11
S 12	16 43 23	10°11'26	12♍ 2	26°52	19°51	25° 2	26°11	1°33	16°29	19°32	22°47	6°15	6°22	8°10	n.a.	S 12
S 13	16 47 20	11° 8'37	25°20	28°38	19°18	25°41	26°18	1°34	16°30	19°32	22°49	6°14	6°18	8°16	n.a.	S 13
M14	16 51 16	12° 5'48	8♎21	0♋22	18°44	26°21	26°25	1°35	16°31	19°32	22°50	6°12	6°15	8°23	n.a.	M14
T 15	16 55 13	13° 3'00	21° 5	2° 4	18° 8	27° 0	26°33	1°36	16°32	19°32	22°52	6° 8	6°12	8°30	n.a.	T 15
W16	16 59 10	14° 0'12	3♏38	3°44	17°32	27°40	26°40	1°37	16°33	19°32	22°54	6° 1	6° 9	8°37	n.a.	W16
T 17	17 3 6	14°57'25	15°59	5°23	16°55	28°19	26°48	1°38	16°34	19°32	22°55	5°51	6° 6	8°43	n.a.	T 17
F 18	17 7 3	15°54'39	28°12	7° 0	16°18	28°58	26°55	1°38	16°34	19°32	22°57	5°39	6° 3	8°50	n.a.	F 18
S 19	17 10 59	16°51'53	10♐18	8°35	15°41	29°37	27° 3	1°39	16°35	19°33	22°59	5°26	5°59	8°57	n.a.	S 19
S 20	17 14 56	17°49'09	22°17	10° 8	15° 3	0♈15	27°11	1°39	16°36	19°33	23° 0	5°13	5°56	9° 3	n.a.	S 20
M21	17 18 52	18°46'25	4♑12	11°39	14°27	0°54	27°19	1°40	16°36	19°33	23° 2	5° 1	5°53	9°10	n.a.	M21
T 22	17 22 49	19°43'43	16° 3	13° 9	13°51	1°32	27°27	1°40	16°37	19°34	23° 4	4°50	5°50	9°17	n.a.	T 22
W23	17 26 46	20°41'01	27°52	14°37	13°15	2°11	27°35	1°R40	16°37	19°34	23° 6	4°42	5°47	9°23	n.a.	W23
T 24	17 30 42	21°38'21	9♒43	16° 3	12°41	2°49	27°44	1°40	16°37	19°35	23° 7	4°37	5°44	9°30	n.a.	T 24
F 25	17 34 39	22°35'42	21°39	17°27	12° 8	3°27	27°52	1°40	16°38	19°35	23° 9	4°35	5°40	9°37	n.a.	F 25
S 26	17 38 35	23°33'04	3♓44	18°49	11°37	4° 5	28° 1	1°40	16°38	19°35	23°11	4°D34	5°37	9°44	n.a.	S 26
S 27	17 42 32	24°30'27	16° 3	20° 9	11° 7	4°42	28°10	1°39	16°38	19°36	23°13	4°34	5°34	9°50	n.a.	S 27
M28	17 46 28	25°27'52	28°41	21°27	10°39	5°20	28°18	1°39	16°39	19°37	23°15	4°R34	5°31	9°57	n.a.	M28
T 29	17 50 25	26°25'18	11♈42	22°43	10°13	5°57	28°27	1°38	16°39	19°37	23°16	4°33	5°28	10° 4	n.a.	T 29
W30	17 54 21	27♊22'46	25♈10	23♋57	9♊48	6♈34	28♌36	1♓38	16♓39	19♍38	23♋18	4♓30	5♓24	10♉10	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n25	3n18	2n12	23n10	1n38	23n48	0n 8	6s47	1s58	14n46	1n28	13s15	2s12	6s11	0s45	6n 1	1n58	33n40	11n57	8s56	9s 6	28s 5		n.a.
W 2	20 37	9 37	3 12	23 36	1 42	23 35	0s 5	6 31	1 59	14 43	1 28	13 14	2 12	6 11	0 45	6 1	1 58	33 40	11 57	8 57	9 7	28 4		n.a.
T 3	20 49	15 41	4 2	24 0	1 46	23 22	0 17	6 15	1 59	14 41	1 28	13 14	2 12	6 10	0 45	6 1	1 58	33 40	11 57	9 0	9 8	28 4		n.a.
F 4	21 0	21 6	4 39	24 21	1 49	23 8	0 30	5 59	1 59	14 39	1 28	13 13	2 13	6 10	0 45	6 1	1 58	33 39	11 57	9 3	9 10	28 3		n.a.
S 5	21 11	25 20	4 58	24 39	1 52	22 54	0 43	5 43	2 0	14 37	1 27	13 13	2 13	6 9	0 45	6 1	1 58	33 39	11 57	9 7	9 11	28 2		n.a.
S 6	21 22	27 53	4 57	24 55	1 54	22 40	0 57	5 27	2 0	14 34	1 27	13 13	2 13	6 9	0 45	6 1	1 58	33 38	11 56	9 11	9 12	28 1		n.a.
M 7	21 33	28 24	4 35	25 8	1 55	22 25	1 11	5 11	2 0	14 32	1 27	13 12	2 13	6 9	0 45	6 1	1 58	33 38	11 56	9 15	9 13	28 0		n.a.
T 8	21 43	26 49	3 55	25 19	1 55	22 9	1 25	4 55	2 1	14 30	1 27	13 12	2 14	6 8	0 45	6 1	1 58	33 37	11 56	9 18	9 14	27 59		n.a.
W 9	21 53	23 24	2 59	25 27	1 55	21 54	1 39	4 39	2 1	14 27	1 26	13 12	2 14	6 8	0 45	6 1	1 58	33 37	11 56	9 20	9 16	27 58		n.a.
T 10	22 2	18 35	1 53	25 33	1 54	21 38	1 53	4 23	2 1	14 25	1 26	13 11	2 14	6 7	0 45	6 1	1 58	33 36	11 56	9 21	9 17	27 58		n.a.
F 11	22 11	12 52	0 41	25 36	1 53	21 21	2 7	4 8	2 1	14 22	1 26	13 11	2 15	6 7	0 45	6 1	1 58	33 36	11 55	9 22	9 18	27 57		n.a.
S 12	22 20	6 41	0s31	25 38	1 51	21 5	2 21	3 52	2 2	14 20	1 26	13 11	2 15	6 7	0 45	6 0	1 58	33 35	11 55	9 22	9 19	27 56		n.a.
S 13	22 28	0 22	1 39	25 37	1 49	20 48	2 35	3 36	2 2	14 17	1 25	13 11	2 15	6 6	0 46	6 0	1 58	33 35	11 55	9 22	9 20	27 55		n.a.
M14	22 36	5s49	2 41	25 35	1 45	20 31	2 49	3 20	2 2	14 14	1 25	13 11	2 15	6 6	0 46	6 0	1 57	33 35	11 55	9 23	9 22	27 54		n.a.
T 15	22 43	11 38	3 33	25 30	1 42	20 14	3 3	3 5	2 2	14 12	1 25	13 11	2 16	6 6	0 46	6 0	1 57	33 34	11 55	9 24	9 23	27 53		n.a.
W16	22 50	16 54	4 14	25 24	1 38	19 58	3 17	2 49	2 3	14 9	1 25	13 11	2 16	6 5	0 46	6 0	1 57	33 34	11 55	9 27	9 24	27 52		n.a.
T 17	22 57	21 23	4 43	25 16	1 33	19 41	3 30	2 33	2 3	14 6	1 25	13 11	2 16	6 5	0 46	6 0	1 57	33 33	11 54	9 31	9 25	27 51		n.a.
F 18	23 4	24 54	4 58	25 6	1 28	19 24	3 43	2 18	2 3	14 3	1 24	13 11	2 17	6 5	0 46	6 0	1 57	33 33	11 54	9 35	9 26	27 50		n.a.
S 19	23 9	27 16	4 59	24 55	1 23	19 8	3 56	2 2	2 3	14 0	1 24	13 11	2 17	6 5	0 46	6 0	1 57	33 32	11 54	9 40	9 27	27 49		n.a.
S 20	23 15	28 22	4 47	24 42	1 17	18 52	4 8	1 47	2 3	13 57	1 24	13 11	2 17	6 4	0 46	5 59	1 57	33 32	11 54	9 45	9 29	27 48		n.a.
M21	23 20	28 8	4 23	24 28	1 11	18 36	4 19	1 31	2 3	13 54	1 24	13 11	2 18	6 4	0 46	5 59	1 57	33 31	11 54	9 49	9 30	27 47		n.a.
T 22	23 25	26 35	3 47	24 13	1 4	18 21	4 31	1 16	2 4	13 51	1 24	13 11	2 18	6 4	0 46	5 59	1 57	33 31	11 54	9 53	9 31	27 46		n.a.
W23	23 29	23 52	3 1	23 56	0 57	18 6	4 41	1 0	2 4	13 48	1 23	13 12	2 18	6 4	0 46	5 59	1 57	33 30	11 54	9 56	9 32	27 45		n.a.
T 24	23 33	20 9	2 8	23 39	0 49	17 52	4 51	0 45	2 4	13 45	1 23	13 12	2 18	6 4	0 46	5 59	1 57	33 30	11 54	9 58	9 33	27 44		n.a.
F 25	23 36	15 35	1 8	23 21	0 41	17 38	5 0	0 30	2 4	13 42	1 23	13 12	2 19	6 4	0 46	5 58	1 57	33 30	11 53	9 59	9 35	27 43		n.a.
S 26	23 39	10 22	0 4	23 1	0 33	17 26	5 9	0 15	2 4	13 39	1 23	13 13	2 19	6 4	0 46	5 58	1 57	33 29	11 53	9 59	9 36	27 42		n.a.
S 27	23 42	4 39	1n 1	22 41	0 25	17 14	5 17	0n 0	2 4	13 35	1 23	13 13	2 19	6 4	0 46	5 58	1 57	33 29	11 53	9 59	9 37	27 41		n.a.
M28	23 44	1n22	2 5	22 20	0 16	17 2	5 25	0 15	2 4	13 32	1 22	13 13	2 20	6 3	0 46	5 58	1 57	33 28	11 53	9 59	9 38	27 40		n.a.
T 29	23 46	7 31	3 4	21 59	0 7	16 52	5 31	0 30	2 4	13 29	1 22	13 14	2 20	6 3	0 46	5 57	1 57	33 28	11 53	9 59	9 39	27 39		n.a.
W30	23n47	13n32	3n55	21n37	0s 3	16n42	5s38	0n45	2s 4	13n25	1n22	13s14	2s20	6s 3	0s46	5n57	1n57	33n27	11n53	10s 1	9s40	27s38		n.a.

Julian Day Number = 1353037.5, Delta T = 07h05m37s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'58, Lahiri = -17°52'58 Julian Calendar 1 June 1009 BCE == Greg. Calendar 22 May 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

JULY 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 58 18	28♊20'15	9♉ 8	25♋ 8	9°R27	7♈11	28♌46	1°R37	16♓39	19♍38	23♋20	4°R25	5♓21	10♑17	n.a.	T 1
F 2	18 2 15	29°17'46	23°35	26°18	9♊ 7	7°48	28°55	1♓36	16°R39	19°39	23°22	4♓18	5°18	10°24	n.a.	F 2
S 3	18 6 11	0♋15'18	8♊27	27°25	8°49	8°25	29° 4	1°35	16°39	19°40	23°24	4° 9	5°15	10°30	n.a.	S 3
S 4	18 10 8	1°12'52	23°36	28°30	8°34	9° 1	29°14	1°34	16°39	19°40	23°26	4° 0	5°12	10°37	n.a.	S 4
M 5	18 14 4	2°10'27	8♋53	29°32	8°22	9°37	29°23	1°33	16°39	19°41	23°28	3°51	5° 9	10°44	n.a.	M 5
T 6	18 18 1	3° 8'04	24° 6	0♌31	8°11	10°14	29°33	1°31	16°38	19°42	23°30	3°44	5° 5	10°51	n.a.	T 6
W 7	18 21 57	4° 5'42	9♌ 5	1°28	8° 3	10°49	29°43	1°30	16°38	19°43	23°32	3°40	5° 2	10°57	n.a.	W 7
T 8	18 25 54	5° 3'21	23°43	2°22	7°58	11°25	29°53	1°29	16°38	19°44	23°34	3°37	4°59	11° 4	n.a.	T 8
F 9	18 29 51	6° 1'01	7♍56	3°13	7°54	12° 0	0♍ 2	1°27	16°38	19°45	23°36	3°D37	4°56	11°11	n.a.	F 9
S 10	18 33 47	6°58'42	21°42	4° 0	7°D53	12°36	0°12	1°25	16°37	19°46	23°38	3°38	4°53	11°17	n.a.	S 10
S 11	18 37 44	7°56'24	5♎ 3	4°44	7°55	13°11	0°23	1°24	16°37	19°46	23°39	3°R38	4°50	11°24	n.a.	S 11
M12	18 41 40	8°54'08	18° 1	5°25	7°58	13°46	0°33	1°22	16°36	19°47	23°41	3°38	4°46	11°31	n.a.	M12
T 13	18 45 37	9°51'53	0♏41	6° 1	8° 4	14°20	0°43	1°20	16°36	19°48	23°43	3°36	4°43	11°37	n.a.	T 13
W14	18 49 33	10°49'39	13° 5	6°34	8°12	14°55	0°54	1°18	16°35	19°50	23°45	3°31	4°40	11°44	n.a.	W14
T 15	18 53 30	11°47'27	25°17	7° 2	8°22	15°29	1° 4	1°16	16°35	19°51	23°47	3°25	4°37	11°51	n.a.	T 15
F 16	18 57 26	12°45'16	7♐21	7°26	8°35	16° 3	1°15	1°13	16°34	19°52	23°49	3°17	4°34	11°58	n.a.	F 16
S 17	19 1 23	13°43'07	19°19	7°45	8°49	16°36	1°25	1°11	16°33	19°53	23°51	3° 8	4°30	12° 4	n.a.	S 17
S 18	19 5 20	14°40'59	1♑13	7°59	9° 5	17°10	1°36	1° 9	16°32	19°54	23°53	2°58	4°27	12°11	n.a.	S 18
M19	19 9 16	15°38'53	13° 4	8° 8	9°23	17°43	1°47	1° 6	16°32	19°55	23°55	2°50	4°24	12°18	n.a.	M19
T 20	19 13 13	16°36'49	24°55	8°R11	9°43	18°16	1°58	1° 3	16°31	19°56	23°57	2°43	4°21	12°24	n.a.	T 20
W21	19 17 9	17°34'46	6♒47	8° 8	10° 5	18°49	2° 9	1° 1	16°30	19°58	24° 0	2°37	4°18	12°31	n.a.	W21
T 22	19 21 6	18°32'45	18°42	8° 0	10°29	19°22	2°20	0°58	16°29	19°59	24° 2	2°34	4°15	12°38	n.a.	T 22
F 23	19 25 2	19°30'46	0♓43	7°45	10°54	19°54	2°31	0°55	16°28	20° 0	24° 4	2°D33	4°11	12°44	n.a.	F 23
S 24	19 28 59	20°28'49	12°53	7°25	11°21	20°26	2°42	0°52	16°27	20° 1	24° 6	2°34	4° 8	12°51	n.a.	S 24
S 25	19 32 55	21°26'54	25°15	6°58	11°49	20°58	2°53	0°49	16°26	20° 3	24° 8	2°35	4° 5	12°58	n.a.	S 25
M26	19 36 52	22°25'01	7♈54	6°25	12°20	21°29	3° 4	0°46	16°25	20° 4	24°10	2°36	4° 2	13° 4	n.a.	M26
T 27	19 40 48	23°23'11	20°53	5°47	12°51	22° 0	3°16	0°43	16°24	20° 6	24°12	2°R37	3°59	13°11	n.a.	T 27
W28	19 44 45	24°21'22	4♉16	5° 3	13°24	22°31	3°27	0°39	16°22	20° 7	24°14	2°37	3°56	13°18	n.a.	W28
T 29	19 48 42	25°19'36	18° 6	4°14	13°58	23° 2	3°39	0°36	16°21	20° 8	24°16	2°35	3°52	13°25	n.a.	T 29
F 30	19 52 38	26°17'52	2♊22	3°21	14°34	23°32	3°50	0°33	16°20	20°10	24°18	2°31	3°49	13°31	n.a.	F 30
S 31	19 56 35	27♋16'10	17♊ 2	2♌25	15♊11	24♈ 2	4♍ 2	0♓29	16♓18	20♍11	24♋20	2♓27	3♓46	13♑38	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	19n 6	4n35	21n14	0s13	16n34	5s43	1n 0	2s 4	13n22	1n22	13s15	2s20	6s 3	0s46	5n57	1n56	33n27	11n53	10s 2	9s42	27s37			n.a.
F 2	23 49	23 46	4 58	20 51	0 22	16 26	5 48	1 15	2 4	13 18	1 22	13 15	2 21	6 3	0 46	5 56	1 56	33 27	11 53	10 5	9 43	27 36			n.a.
S 3	23 49	27 2	5 3	20 28	0 33	16 19	5 52	1 29	2 4	13 15	1 21	13 16	2 21	6 4	0 46	5 56	1 56	33 26	11 53	10 8	9 44	27 35			n.a.
S 4	23 49	28 25	4 46	20 5	0 43	16 13	5 56	1 44	2 5	13 11	1 21	13 17	2 21	6 4	0 46	5 56	1 56	33 26	11 53	10 12	9 45	27 34			n.a.
M 5	23 48	27 39	4 9	19 42	0 54	16 9	5 59	1 58	2 5	13 8	1 21	13 17	2 22	6 4	0 46	5 55	1 56	33 25	11 53	10 15	9 46	27 33			n.a.
T 6	23 47	24 49	3 15	19 18	1 5	16 4	6 1	2 12	2 5	13 4	1 21	13 18	2 22	6 4	0 46	5 55	1 56	33 25	11 53	10 18	9 48	27 32			n.a.
W 7	23 45	20 18	2 7	18 55	1 16	16 1	6 3	2 27	2 4	13 1	1 21	13 19	2 22	6 4	0 46	5 55	1 56	33 24	11 53	10 19	9 49	27 31			n.a.
T 8	23 43	14 39	0 53	18 32	1 27	15 59	6 5	2 41	2 4	12 57	1 21	13 20	2 22	6 4	0 46	5 54	1 56	33 24	11 52	10 20	9 50	27 30			n.a.
F 9	23 41	8 22	0s23	18 10	1 38	15 58	6 6	2 55	2 4	12 53	1 20	13 21	2 23	6 4	0 46	5 54	1 56	33 24	11 52	10 20	9 51	27 29			n.a.
S 10	23 38	1 53	1 35	17 47	1 49	15 57	6 6	3 9	2 4	12 49	1 20	13 21	2 23	6 4	0 46	5 53	1 56	33 23	11 52	10 20	9 52	27 27			n.a.
S 11	23 35	4s29	2 40	17 26	2 1	15 57	6 6	3 23	2 4	12 46	1 20	13 22	2 23	6 5	0 47	5 53	1 56	33 23	11 52	10 20	9 53	27 26			n.a.
M12	23 31	10 28	3 35	17 5	2 12	15 58	6 6	3 36	2 4	12 42	1 20	13 23	2 23	6 5	0 47	5 52	1 56	33 22	11 52	10 20	9 55	27 25			n.a.
T 13	23 27	15 54	4 18	16 45	2 23	16 0	6 5	3 50	2 4	12 38	1 20	13 24	2 24	6 5	0 47	5 52	1 56	33 22	11 52	10 21	9 56	27 24			n.a.
W14	23 22	20 34	4 47	16 26	2 35	16 2	6 4	4 4	2 4	12 34	1 20	13 25	2 24	6 5	0 47	5 52	1 56	33 22	11 52	10 22	9 57	27 23			n.a.
T 15	23 17	24 17	5 3	16 8	2 46	16 5	6 2	4 17	2 4	12 30	1 19	13 26	2 24	6 6	0 47	5 51	1 56	33 21	11 52	10 25	9 58	27 22			n.a.
F 16	23 12	26 54	5 5	15 51	2 57	16 9	6 0	4 30	2 4	12 26	1 19	13 27	2 24	6 6	0 47	5 51	1 56	33 21	11 52	10 28	9 59	27 21			n.a.
S 17	23 6	28 16	4 54	15 36	3 8	16 14	5 58	4 44	2 4	12 22	1 19	13 28	2 25	6 6	0 47	5 50	1 56	33 21	11 52	10 31	10 1	27 19			n.a.
S 18	23 0	28 19	4 30	15 22	3 18	16 18	5 55	4 57	2 4	12 18	1 19	13 29	2 25	6 7	0 47	5 50	1 55	33 20	11 52	10 34	10 2	27 18			n.a.
M19	22 53	27 3	3 55	15 10	3 29	16 24	5 53	5 10	2 3	12 14	1 19	13 31	2 25	6 7	0 47	5 49	1 55	33 20	11 52	10 38	10 3	27 17			n.a.
T 20	22 46	24 35	3 9	15 0	3 38	16 30	5 50	5 23	2 3	12 10	1 19	13 32	2 25	6 7	0 47	5 49	1 55	33 19	11 52	10 40	10 4	27 16			n.a.
W21	22 38	21 3	2 15	14 52	3 47	16 36	5 46	5 35	2 3	12 6	1 19	13 33	2 26	6 8	0 47	5 48	1 55	33 19	11 52	10 42	10 5	27 15			n.a.
T 22	22 31	16 38	1 14	14 46	3 56	16 43	5 43	5 48	2 3	12 2	1 18	13 34	2 26	6 8	0 47	5 47	1 55	33 19	11 52	10 43	10 6	27 14			n.a.
F 23	22 22	11 33	0 10	14 42	4 3	16 50	5 39	6 1	2 3	11 57	1 18	13 36	2 26	6 8	0 47	5 47	1 55	33 18	11 52	10 44	10 8	27 12			n.a.
S 24	22 14	5 58	0n56	14 41	4 9	16 58	5 35	6 13	2 2	11 53	1 18	13 37	2 26	6 9	0 47	5 46	1 55	33 18	11 53	10 43	10 9	27 11			n.a.
S 25	22 5	0 5	2 0	14 43	4 15	17 6	5 31	6 25	2 2	11 49	1 18	13 38	2 27	6 9	0 47	5 46	1 55	33 18	11 53	10 43	10 10	27 10			n.a.
M26	21 55	5n56	3 0	14 47	4 19	17 14	5 27	6 38	2 2	11 45	1 18	13 39	2 27	6 10	0 47	5 45	1 55	33 17	11 53	10 42	10 11	27 9			n.a.
T 27	21 45	11 52	3 53	14 54	4 21	17 22	5 22	6 50	2 2	11 40	1 18	13 41	2 27	6 10	0 47	5 44	1 55	33 17	11 53	10 42	10 12	27 7			n.a.
W28	21 35	17 26	4 34	15 4	4 22	17 31	5 17	7 1	2 1	11 36	1 18	13 42	2 27	6 11	0 47	5 44	1 55	33 17	11 53	10 42	10 13	27 6			n.a.
T 29	21 25	22 18	5 1	15 17	4 21	17 40	5 13	7 13	2 1	11 32	1 18	13 44	2 28	6 11	0 47	5 43	1 55	33 16	11 53	10 43	10 15	27 5			n.a.
F 30	21 14	26 2	5 11	15 32	4 18	17 49	5 8	7 25	2 1	11 27	1 17	13 45	2 28	6 12	0 47	5 43	1 55	33 16	11 53	10 44	10 16	27 4			n.a.
S 31	21n 2	28n10	5n 1	15n49	4s14	17n58	5s 3	7n36	2s 0	11n23	1n17	13s47	2s28	6s12	0s47	5n42	1n55	33n16	11n53	10s46	10s17	27s 2			n.a.

Julian Day Number = 1353067.5, Delta T = 07h05m35s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'54, Lahiri = -17°52'54 Julian Calendar 1 July 1009 BCE == Greg. Calendar 21 June 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

AUGUST 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 0 31	28♋14'30	2♋ 2	1°R26	15♊49	24♈32	4♍14	0°R25	16°R17	20♍13	24♋22	2°R22	3♓43	13♉45	n.a.	S 1
M 2	20 4 28	29°12'53	17°13	0♌27	16°28	25° 1	4°25	0♓22	16♓16	20°15	24°24	2♓17	3°40	13°51	n.a.	M 2
T 3	20 8 24	0♌11'17	2♌25	29♋27	17° 8	25°30	4°37	0°18	16°14	20°16	24°26	2°13	3°36	13°58	n.a.	T 3
W 4	20 12 21	1° 9'43	17°28	28°29	17°50	25°59	4°49	0°14	16°13	20°18	24°28	2°11	3°33	14° 5	n.a.	W 4
T 5	20 16 17	2° 8'12	2♍13	27°34	18°32	26°27	5° 1	0°10	16°11	20°19	24°30	2°D10	3°30	14°11	n.a.	T 5
F 6	20 20 14	3° 6'42	16°35	26°43	19°15	26°56	5°13	0° 6	16°10	20°21	24°32	2°11	3°27	14°18	n.a.	F 6
S 7	20 24 11	4° 5'14	0♎30	25°58	20° 0	27°23	5°25	0° 2	16° 8	20°23	24°34	2°12	3°24	14°25	n.a.	S 7
S 8	20 28 7	5° 3'47	13°59	25°19	20°45	27°51	5°37	29♒58	16° 6	20°24	24°36	2°14	3°21	14°31	n.a.	S 8
M 9	20 32 4	6° 2'23	27° 2	24°48	21°31	28°18	5°49	29°54	16° 5	20°26	24°38	2°15	3°17	14°38	n.a.	M 9
T 10	20 36 0	7° 1'00	9♏43	24°25	22°18	28°44	6° 2	29°50	16° 3	20°28	24°40	2°R15	3°14	14°45	n.a.	T 10
W11	20 39 57	7°59'39	22° 6	24°11	23° 6	29°10	6°14	29°46	16° 1	20°30	24°42	2°15	3°11	14°52	n.a.	W11
T 12	20 43 53	8°58'20	4♐16	24°D 7	23°55	29°36	6°26	29°42	15°59	20°31	24°44	2°13	3° 8	14°58	n.a.	T 12
F 13	20 47 50	9°57'03	16°15	24°12	24°45	0♑ 2	6°39	29°37	15°58	20°33	24°46	2°10	3° 5	15° 5	n.a.	F 13
S 14	20 51 46	10°55'48	28° 9	24°27	25°35	0°27	6°51	29°33	15°56	20°35	24°48	2° 6	3° 2	15°12	n.a.	S 14
S 15	20 55 43	11°54'35	10♑ 0	24°52	26°26	0°51	7° 3	29°28	15°54	20°37	24°50	2° 3	2°58	15°18	n.a.	S 15
M16	20 59 40	12°53'23	21°50	25°25	27°18	1°16	7°16	29°24	15°52	20°39	24°52	2° 0	2°55	15°25	n.a.	M16
T 17	21 3 36	13°52'14	3♒44	26° 8	28°10	1°40	7°28	29°20	15°50	20°40	24°54	1°57	2°52	15°32	n.a.	T 17
W18	21 7 33	14°51'07	15°42	26°59	29° 3	2° 3	7°41	29°15	15°48	20°42	24°56	1°56	2°49	15°38	n.a.	W18
T 19	21 11 29	15°50'02	27°46	27°57	29°57	2°26	7°54	29°10	15°46	20°44	24°58	1°D55	2°46	15°45	n.a.	T 19
F 20	21 15 26	16°48'59	9♓58	29° 3	0♋51	2°48	8° 6	29° 6	15°44	20°46	25° 0	1°55	2°42	15°52	n.a.	F 20
S 21	21 19 22	17°47'59	22°21	0♌16	1°46	3°10	8°19	29° 1	15°42	20°48	25° 2	1°56	2°39	15°58	n.a.	S 21
S 22	21 23 19	18°47'00	4♈55	1°34	2°41	3°32	8°32	28°57	15°40	20°50	25° 4	1°57	2°36	16° 5	n.a.	S 22
M23	21 27 15	19°46'04	17°43	2°57	3°38	3°53	8°44	28°52	15°38	20°52	25° 5	1°58	2°33	16°12	n.a.	M23
T 24	21 31 12	20°45'11	0♉48	4°25	4°34	4°14	8°57	28°47	15°36	20°54	25° 7	1°59	2°30	16°19	n.a.	T 24
W25	21 35 8	21°44'20	14°12	5°57	5°31	4°34	9°10	28°42	15°33	20°56	25° 9	2° 0	2°27	16°25	n.a.	W25
T 26	21 39 5	22°43'32	27°55	7°32	6°29	4°53	9°23	28°38	15°31	20°58	25°11	2°R 0	2°23	16°32	n.a.	T 26
F 27	21 43 2	23°42'46	11♊59	9° 9	7°27	5°13	9°36	28°33	15°29	21° 0	25°13	1°59	2°20	16°39	n.a.	F 27
S 28	21 46 58	24°42'02	26°22	10°49	8°26	5°31	9°49	28°28	15°27	21° 2	25°15	1°59	2°17	16°45	n.a.	S 28
S 29	21 50 55	25°41'21	11♋ 1	12°31	9°25	5°49	10° 1	28°23	15°24	21° 4	25°17	1°58	2°14	16°52	n.a.	S 29
M30	21 54 51	26°40'43	25°51	14°14	10°24	6° 6	10°14	28°19	15°22	21° 6	25°18	1°57	2°11	16°59	n.a.	M30
T 31	21 58 48	27♌40'07	10♌46	15♌58	11♋24	6♉23	10♍27	28♒14	15♓20	21♍ 8	25♋20	1♓57	2♓ 8	17♉ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	20n50	28n19	4n31	16n 8	4s 7	18n 7	4s58	7n48	2s 0	11n18	1n17	13s48	2s28	6s13	0s47	5n41	1n55	33n15	11n53	10s48	10s18	27s 1			n.a.
M 2	20 38	26 21	3 41	16 30	3 58	18 16	4 52	7 59	2 0	11 14	1 17	13 50	2 28	6 14	0 47	5 41	1 55	33 15	11 53	10 49	10 19	27 0			n.a.
T 3	20 26	22 27	2 36	16 53	3 48	18 25	4 47	8 10	1 59	11 9	1 17	13 51	2 29	6 14	0 47	5 40	1 55	33 15	11 53	10 51	10 20	26 58			n.a.
W 4	20 13	17 6	1 20	17 17	3 35	18 34	4 42	8 21	1 59	11 5	1 17	13 53	2 29	6 15	0 47	5 39	1 55	33 14	11 53	10 52	10 22	26 57			n.a.
T 5	20 0	10 51	0s 0	17 41	3 21	18 44	4 36	8 32	1 59	11 0	1 17	13 54	2 29	6 15	0 47	5 39	1 55	33 14	11 54	10 52	10 23	26 56			n.a.
F 6	19 46	4 11	1 18	18 6	3 6	18 53	4 31	8 42	1 58	10 56	1 17	13 56	2 29	6 16	0 47	5 38	1 55	33 14	11 54	10 52	10 24	26 55			n.a.
S 7	19 32	2s29	2 29	18 32	2 49	19 2	4 25	8 53	1 58	10 51	1 17	13 57	2 29	6 17	0 47	5 37	1 55	33 14	11 54	10 51	10 25	26 53			n.a.
S 8	19 18	8 48	3 30	18 56	2 31	19 11	4 19	9 3	1 57	10 47	1 16	13 59	2 30	6 17	0 47	5 37	1 54	33 13	11 54	10 51	10 26	26 52			n.a.
M 9	19 4	14 33	4 17	19 20	2 13	19 19	4 14	9 13	1 57	10 42	1 16	14 1	2 30	6 18	0 47	5 36	1 54	33 13	11 54	10 50	10 27	26 51			n.a.
T 10	18 49	19 32	4 50	19 43	1 54	19 28	4 8	9 23	1 56	10 37	1 16	14 2	2 30	6 19	0 47	5 35	1 54	33 13	11 54	10 50	10 29	26 49			n.a.
W11	18 33	23 33	5 9	20 4	1 35	19 36	4 2	9 33	1 56	10 33	1 16	14 4	2 30	6 20	0 47	5 34	1 54	33 13	11 54	10 50	10 30	26 48			n.a.
T 12	18 18	26 28	5 14	20 23	1 16	19 45	3 56	9 43	1 55	10 28	1 16	14 6	2 30	6 20	0 47	5 34	1 54	33 12	11 54	10 51	10 31	26 46			n.a.
F 13	18 2	28 9	5 5	20 40	0 57	19 53	3 50	9 52	1 55	10 23	1 16	14 7	2 30	6 21	0 47	5 33	1 54	33 12	11 55	10 52	10 32	26 45			n.a.
S 14	17 46	28 31	4 43	20 56	0 39	20 0	3 44	10 2	1 54	10 18	1 16	14 9	2 30	6 22	0 47	5 32	1 54	33 12	11 55	10 53	10 33	26 44			n.a.
S 15	17 29	27 34	4 8	21 8	0 22	20 8	3 38	10 11	1 54	10 14	1 16	14 11	2 31	6 22	0 48	5 31	1 54	33 12	11 55	10 55	10 34	26 42			n.a.
M16	17 13	25 22	3 23	21 18	0 5	20 15	3 32	10 20	1 53	10 9	1 16	14 13	2 31	6 23	0 48	5 31	1 54	33 11	11 55	10 56	10 36	26 41			n.a.
T 17	16 55	22 3	2 29	21 26	0n10	20 22	3 26	10 29	1 53	10 4	1 16	14 14	2 31	6 24	0 48	5 30	1 54	33 11	11 55	10 57	10 37	26 40			n.a.
W18	16 38	17 47	1 28	21 30	0 25	20 29	3 20	10 38	1 52	9 59	1 16	14 16	2 31	6 25	0 48	5 29	1 54	33 11	11 56	10 57	10 38	26 38			n.a.
T 19	16 20	12 48	0 23	21 32	0 39	20 35	3 14	10 46	1 51	9 54	1 16	14 18	2 31	6 26	0 48	5 28	1 54	33 11	11 56	10 58	10 39	26 37			n.a.
F 20	16 3	7 16	0n44	21 30	0 51	20 41	3 8	10 55	1 51	9 49	1 15	14 20	2 31	6 26	0 48	5 27	1 54	33 11	11 56	10 57	10 40	26 35			n.a.
S 21	15 44	1 24	1 51	21 25	1 2	20 46	3 2	11 3	1 50	9 45	1 15	14 21	2 31	6 27	0 48	5 27	1 54	33 10	11 56	10 57	10 41	26 34			n.a.
S 22	15 26	4n37	2 53	21 18	1 12	20 51	2 56	11 11	1 49	9 40	1 15	14 23	2 31	6 28	0 48	5 26	1 54	33 10	11 56	10 57	10 43	26 32			n.a.
M23	15 7	10 33	3 47	21 7	1 21	20 56	2 50	11 19	1 49	9 35	1 15	14 25	2 32	6 29	0 48	5 25	1 54	33 10	11 57	10 56	10 44	26 31			n.a.
T 24	14 48	16 10	4 31	20 53	1 29	21 0	2 44	11 26	1 48	9 30	1 15	14 27	2 32	6 30	0 48	5 24	1 54	33 10	11 57	10 56	10 45	26 30			n.a.
W25	14 29	21 8	5 2	20 37	1 35	21 4	2 38	11 34	1 47	9 25	1 15	14 28	2 32	6 31	0 48	5 23	1 54	33 10	11 57	10 56	10 46	26 28			n.a.
T 26	14 9	25 8	5 16	20 18	1 41	21 8	2 32	11 41	1 46	9 20	1 15	14 30	2 32	6 32	0 48	5 22	1 54	33 10	11 57	10 56	10 47	26 27			n.a.
F 27	13 50	27 44	5 12	19 56	1 45	21 11	2 26	11 49	1 45	9 15	1 15	14 32	2 32	6 32	0 48	5 22	1 54	33 10	11 57	10 56	10 48	26 25			n.a.
S 28	13 30	28 35	4 49	19 32	1 49	21 13	2 20	11 56	1 45	9 10	1 15	14 34	2 32	6 33	0 48	5 21	1 54	33 9	11 58	10 56	10 50	26 24			n.a.
S 29	13 9	27 27	4 7	19 6	1 51	21 15	2 14	12 2	1 44	9 5	1 15	14 35	2 32	6 34	0 48	5 20	1 54	33 9	11 58	10 56	10 51	26 22			n.a.
M30	12 49	24 22	3 7	18 37	1 53	21 17	2 8	12 9	1 43	9 0	1 15	14 37	2 32	6 35	0 48	5 19	1 54	33 9	11 58	10 57	10 52	26 21			n.a.
T 31	12n28	19n39	1n55	18n 7	1n54	21n18	2s 2	12n16	1s42	8n55	1n15	14s39	2s32	6s36	0s48	5n18	1n54	33n 9	11n58	10s57	10s53	26s19			n.a.

Julian Day Number = 1353098.5, Delta T = 07h05m34s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'50, Lahiri = -17°52'49 Julian Calendar 1 Aug. 1009 BCE == Greg. Calendar 22 July 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

SEPTEMBER 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 2 44	28♌39'33	25♌37	17♌43	12♋25	6♉39	10♍40	28°R 9	15°R18	21♍10	25♋22	1°D57	2♓ 4	17♉12	n.a.	W 1
T 2	22 6 41	29°39'01	10♍16	19°29	13°26	6°55	10°53	28♒ 4	15♓15	21°13	25°24	1♓57	2° 1	17°19	n.a.	T 2
F 3	22 10 37	0♍38'31	24°38	21°15	14°27	7°10	11° 6	27°59	15°13	21°15	25°25	1°57	1°58	17°25	n.a.	F 3
S 4	22 14 34	1°38'04	8♎37	23° 0	15°28	7°24	11°19	27°55	15°11	21°17	25°27	1°R57	1°55	17°32	n.a.	S 4
S 5	22 18 31	2°37'38	22°11	24°46	16°30	7°38	11°33	27°50	15° 8	21°19	25°29	1°57	1°52	17°39	n.a.	S 5
M 6	22 22 27	3°37'14	5♏20	26°32	17°33	7°51	11°46	27°45	15° 6	21°21	25°31	1°57	1°48	17°45	n.a.	M 6
T 7	22 26 24	4°36'52	18° 6	28°17	18°35	8° 4	11°59	27°40	15° 3	21°23	25°32	1°56	1°45	17°52	n.a.	T 7
W 8	22 30 20	5°36'33	0♐32	0♍ 2	19°38	8°15	12°12	27°36	15° 1	21°26	25°34	1°D56	1°42	17°59	n.a.	W 8
T 9	22 34 17	6°36'15	12°42	1°46	20°42	8°26	12°25	27°31	14°59	21°28	25°36	1°56	1°39	18° 5	n.a.	T 9
F 10	22 38 13	7°35'59	24°41	3°30	21°45	8°37	12°38	27°26	14°56	21°30	25°37	1°57	1°36	18°12	n.a.	F 10
S 11	22 42 10	8°35'44	6♑33	5°14	22°49	8°46	12°51	27°22	14°54	21°32	25°39	1°57	1°33	18°19	n.a.	S 11
S 12	22 46 6	9°35'32	18°24	6°57	23°54	8°55	13° 4	27°17	14°51	21°34	25°40	1°58	1°29	18°26	n.a.	S 12
M13	22 50 3	10°35'22	0♒15	8°39	24°58	9° 4	13°18	27°12	14°49	21°36	25°42	1°59	1°26	18°32	n.a.	M13
T 14	22 53 59	11°35'13	12°13	10°21	26° 3	9°11	13°31	27° 8	14°46	21°39	25°43	2° 0	1°23	18°39	n.a.	T 14
W15	22 57 56	12°35'07	24°18	12° 2	27° 8	9°18	13°44	27° 3	14°44	21°41	25°45	2° 0	1°20	18°46	n.a.	W15
T 16	23 1 53	13°35'02	6♓34	13°42	28°14	9°24	13°57	26°59	14°41	21°43	25°46	2°R 0	1°17	18°52	n.a.	T 16
F 17	23 5 49	14°34'59	19° 2	15°22	29°19	9°29	14°10	26°54	14°39	21°45	25°48	2° 0	1°13	18°59	n.a.	F 17
S 18	23 9 46	15°34'59	1♈44	17° 2	0♌25	9°33	14°23	26°50	14°37	21°48	25°49	1°58	1°10	19° 6	n.a.	S 18
S 19	23 13 42	16°35'00	14°39	18°40	1°32	9°37	14°37	26°45	14°34	21°50	25°51	1°57	1° 7	19°12	n.a.	S 19
M20	23 17 39	17°35'04	27°47	20°19	2°38	9°40	14°50	26°41	14°32	21°52	25°52	1°54	1° 4	19°19	n.a.	M20
T 21	23 21 35	18°35'10	11♉ 8	21°56	3°45	9°42	15° 3	26°37	14°29	21°54	25°54	1°52	1° 1	19°26	n.a.	T 21
W22	23 25 32	19°35'18	24°43	23°34	4°52	9°43	15°16	26°33	14°27	21°57	25°55	1°50	0°58	19°32	n.a.	W22
T 23	23 29 28	20°35'29	8♊30	25°10	5°59	9°R43	15°29	26°28	14°24	21°59	25°56	1°49	0°54	19°39	n.a.	T 23
F 24	23 33 25	21°35'41	22°29	26°47	7° 7	9°43	15°43	26°24	14°22	22° 1	25°58	1°D48	0°51	19°46	n.a.	F 24
S 25	23 37 22	22°35'57	6♋38	28°22	8°14	9°41	15°56	26°20	14°19	22° 3	25°59	1°49	0°48	19°52	n.a.	S 25
S 26	23 41 18	23°36'14	20°56	29°58	9°22	9°39	16° 9	26°16	14°17	22° 6	26° 0	1°50	0°45	19°59	n.a.	S 26
M27	23 45 15	24°36'33	5♌21	1♎32	10°30	9°36	16°22	26°12	14°15	22° 8	26° 1	1°52	0°42	20° 6	n.a.	M27
T 28	23 49 11	25°36'55	19°48	3° 7	11°39	9°31	16°35	26° 9	14°12	22°10	26° 3	1°53	0°39	20°12	n.a.	T 28
W29	23 53 8	26°37'19	4♍14	4°41	12°47	9°27	16°48	26° 5	14°10	22°12	26° 4	1°R53	0°35	20°19	n.a.	W29
T 30	23 57 4	27♍37'44	18♍33	6♎14	13♌56	9♉21	17♍ 1	26♒ 1	14♓ 7	22♍15	26♋ 5	1♓52	0♓32	20♉26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n 7	13n44	0n35	17n34	1n54	21n18	1s56	12n22	1s41	8n50	1n15	14s41	2s32	6s37	0s48	5n17	1n54	33n 9	11n59	10s57	10s54	26s18		n.a.
T 2	11 46	7 8	0s46	17 1	1 54	21 18	1 50	12 28	1 40	8 45	1 15	14 42	2 32	6 38	0 48	5 17	1 54	33 9	11 59	10 57	10 55	26 16		n.a.
F 3	11 25	0 18	2 3	16 25	1 53	21 17	1 44	12 34	1 39	8 40	1 15	14 44	2 32	6 39	0 48	5 16	1 54	33 9	11 59	10 57	10 56	26 15		n.a.
S 4	11 4	6s22	3 10	15 49	1 51	21 16	1 39	12 39	1 38	8 35	1 15	14 46	2 32	6 40	0 48	5 15	1 54	33 9	12 0	10 57	10 58	26 13		n.a.
S 5	10 42	12 32	4 4	15 11	1 49	21 15	1 33	12 45	1 37	8 30	1 15	14 48	2 32	6 41	0 48	5 14	1 54	33 9	12 0	10 57	10 59	26 12		n.a.
M 6	10 20	17 57	4 44	14 32	1 46	21 12	1 27	12 50	1 36	8 24	1 15	14 49	2 32	6 42	0 48	5 13	1 54	33 9	12 0	10 57	11 0	26 10		n.a.
T 7	9 58	22 25	5 8	13 52	1 43	21 10	1 22	12 55	1 35	8 19	1 15	14 51	2 32	6 43	0 48	5 12	1 54	33 8	12 0	10 57	11 1	26 9		n.a.
W 8	9 36	25 45	5 17	13 12	1 40	21 6	1 16	13 0	1 34	8 14	1 15	14 53	2 32	6 44	0 48	5 11	1 54	33 8	12 1	10 57	11 2	26 7		n.a.
T 9	9 14	27 50	5 12	12 30	1 36	21 2	1 10	13 5	1 32	8 9	1 15	14 54	2 32	6 45	0 48	5 10	1 54	33 8	12 1	10 57	11 3	26 5		n.a.
F 10	8 51	28 35	4 53	11 48	1 32	20 58	1 5	13 9	1 31	8 4	1 15	14 56	2 32	6 45	0 48	5 9	1 54	33 8	12 1	10 57	11 5	26 4		n.a.
S 11	8 28	28 0	4 21	11 5	1 27	20 53	0 59	13 14	1 30	7 59	1 14	14 58	2 32	6 46	0 48	5 9	1 54	33 8	12 2	10 57	11 6	26 2		n.a.
S 12	8 6	26 9	3 39	10 22	1 22	20 47	0 54	13 18	1 29	7 54	1 14	14 59	2 32	6 47	0 48	5 8	1 54	33 8	12 2	10 56	11 7	26 1		n.a.
M13	7 43	23 8	2 47	9 39	1 17	20 41	0 49	13 22	1 27	7 49	1 14	15 1	2 32	6 48	0 48	5 7	1 54	33 8	12 2	10 56	11 8	25 59		n.a.
T 14	7 20	19 7	1 48	8 55	1 12	20 34	0 43	13 25	1 26	7 43	1 14	15 2	2 32	6 49	0 48	5 6	1 54	33 8	12 3	10 56	11 9	25 57		n.a.
W15	6 57	14 18	0 43	8 11	1 7	20 26	0 38	13 29	1 25	7 38	1 14	15 4	2 32	6 50	0 48	5 5	1 54	33 8	12 3	10 56	11 10	25 56		n.a.
T 16	6 33	8 51	0n25	7 26	1 1	20 18	0 33	13 32	1 23	7 33	1 14	15 5	2 32	6 51	0 48	5 4	1 54	33 8	12 3	10 56	11 11	25 54		n.a.
F 17	6 10	2 59	1 33	6 42	0 55	20 10	0 28	13 35	1 22	7 28	1 14	15 7	2 32	6 52	0 48	5 3	1 54	33 8	12 4	10 56	11 13	25 53		n.a.
S 18	5 46	3n 6	2 37	5 57	0 49	20 1	0 23	13 38	1 20	7 23	1 14	15 8	2 32	6 53	0 48	5 2	1 54	33 8	12 4	10 56	11 14	25 51		n.a.
S 19	5 23	9 9	3 34	5 12	0 43	19 51	0 18	13 41	1 19	7 18	1 14	15 10	2 32	6 54	0 48	5 1	1 54	33 8	12 4	10 57	11 15	25 49		n.a.
M20	4 59	14 54	4 21	4 27	0 37	19 40	0 13	13 43	1 17	7 12	1 14	15 11	2 32	6 55	0 48	5 1	1 54	33 9	12 5	10 58	11 16	25 48		n.a.
T 21	4 35	20 4	4 55	3 43	0 30	19 29	0 8	13 45	1 16	7 7	1 14	15 13	2 32	6 56	0 48	5 0	1 54	33 9	12 5	10 59	11 17	25 46		n.a.
W22	4 11	24 18	5 13	2 58	0 24	19 18	0 3	13 47	1 14	7 2	1 14	15 14	2 32	6 57	0 48	4 59	1 54	33 9	12 5	10 59	11 18	25 44		n.a.
T 23	3 47	27 13	5 13	2 13	0 18	19 6	0n 1	13 49	1 12	6 57	1 14	15 16	2 32	6 58	0 48	4 58	1 54	33 9	12 6	11 0	11 19	25 43		n.a.
F 24	3 23	28 31	4 55	1 28	0 11	18 53	0 6	13 50	1 11	6 52	1 14	15 17	2 32	6 59	0 48	4 57	1 54	33 9	12 6	11 0	11 21	25 41		n.a.
S 25	2 59	27 58	4 19	0 44	0 4	18 40	0 10	13 51	1 9	6 47	1 14	15 18	2 32	7 0	0 48	4 56	1 54	33 9	12 6	11 0	11 22	25 39		n.a.
S 26	2 35	25 34	3 27	0s 1	0s 2	18 26	0 15	13 52	1 7	6 41	1 15	15 20	2 32	7 1	0 48	4 55	1 54	33 9	12 7	10 59	11 23	25 38		n.a.
M27	2 10	21 30	2 21	0 45	0 9	18 11	0 19	13 53	1 5	6 36	1 15	15 21	2 31	7 2	0 48	4 54	1 54	33 9	12 7	10 59	11 24	25 36		n.a.
T 28	1 46	16 9	1 6	1 29	0 15	17 56	0 23	13 53	1 3	6 31	1 15	15 22	2 31	7 3	0 48	4 53	1 54	33 9	12 8	10 58	11 25	25 34		n.a.
W29	1 22	9 55	0s13	2 13	0 22	17 41	0 28	13 54	1 2	6 26	1 15	15 23	2 31	7 4	0 48	4 52	1 54	33 9	12 8	10 58	11 26	25 33		n.a.
T 30	0n57	3n13	1s30	2s57	0s28	17n25	0n32	13n54	1s 0	6n21	1n15	15s25	2s31	7s 4	0s48	4n52	1n54	33n10	12n 8	10s59	11s27	25s31		n.a.

Julian Day Number = 1353129.5, Delta T = 07h05m32s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'46, Lahiri = -17°52'45 Julian Calendar 1 Sept. 1009 BCE == Greg. Calendar 22 Aug. 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

OCTOBER 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 1 1	28♍38'11	2♎40	7♎48	15♌ 5	9°R14	17♍14	25°R57	14°R 5	22♍17	26♋ 6	1°R50	0♓29	20♉32	n.a.	F 1
S 2	0 4 57	29°38'40	16°31	9°21	16°14	9♉ 6	17°27	25♒54	14♓ 3	22°19	26° 7	1♓46	0°26	20°39	n.a.	S 2
S 3	0 8 54	0♎39'11	0♏ 2	10°53	17°23	8°58	17°40	25°50	14° 0	22°21	26° 8	1°42	0°23	20°46	n.a.	S 3
M 4	0 12 50	1°39'44	13°11	12°25	18°33	8°48	17°54	25°47	13°58	22°24	26° 9	1°37	0°19	20°52	n.a.	M 4
T 5	0 16 47	2°40'18	26° 0	13°57	19°42	8°38	18° 7	25°44	13°56	22°26	26°11	1°32	0°16	20°59	n.a.	T 5
W 6	0 20 44	3°40'53	8♐28	15°29	20°52	8°27	18°19	25°40	13°54	22°28	26°12	1°28	0°13	21° 6	n.a.	W 6
T 7	0 24 40	4°41'30	20°40	17° 0	22° 2	8°15	18°32	25°37	13°51	22°30	26°12	1°26	0°10	21°12	n.a.	T 7
F 8	0 28 37	5°42'09	2♑40	18°30	23°12	8° 2	18°45	25°34	13°49	22°32	26°13	1°D24	0° 7	21°19	n.a.	F 8
S 9	0 32 33	6°42'48	14°32	20° 1	24°22	7°49	18°58	25°31	13°47	22°35	26°14	1°25	0° 4	21°26	n.a.	S 9
S 10	0 36 30	7°43'30	26°22	21°31	25°33	7°35	19°11	25°28	13°45	22°37	26°15	1°26	0° 0	21°33	n.a.	S 10
M11	0 40 26	8°44'12	8♒14	23° 1	26°43	7°19	19°24	25°25	13°42	22°39	26°16	1°28	29♒57	21°39	n.a.	M11
T 12	0 44 23	9°44'56	20°14	24°30	27°54	7° 4	19°37	25°23	13°40	22°41	26°17	1°29	29°54	21°46	n.a.	T 12
W13	0 48 19	10°45'40	2♓25	25°59	29° 5	6°47	19°50	25°20	13°38	22°43	26°18	1°R30	29°51	21°53	n.a.	W13
T 14	0 52 16	11°46'27	14°51	27°27	0♍16	6°30	20° 2	25°17	13°36	22°45	26°19	1°29	29°48	21°59	n.a.	T 14
F 15	0 56 13	12°47'14	27°34	28°56	1°27	6°12	20°15	25°15	13°34	22°48	26°19	1°26	29°44	22° 6	n.a.	F 15
S 16	1 0 9	13°48'03	10♈36	0♏23	2°38	5°53	20°28	25°13	13°32	22°50	26°20	1°21	29°41	22°13	n.a.	S 16
S 17	1 4 6	14°48'53	23°55	1°50	3°49	5°34	20°40	25°10	13°30	22°52	26°21	1°14	29°38	22°19	n.a.	S 17
M18	1 8 2	15°49'45	7♉30	3°16	5° 1	5°14	20°53	25° 8	13°28	22°54	26°21	1° 7	29°35	22°26	n.a.	M18
T 19	1 11 59	16°50'38	21°18	4°42	6°12	4°53	21° 5	25° 6	13°26	22°56	26°22	0°59	29°32	22°33	n.a.	T 19
W20	1 15 55	17°51'33	5♊16	6° 7	7°24	4°32	21°18	25° 4	13°24	22°58	26°23	0°52	29°29	22°39	n.a.	W20
T 21	1 19 52	18°52'29	19°20	7°31	8°36	4°11	21°30	25° 2	13°22	23° 0	26°23	0°46	29°25	22°46	n.a.	T 21
F 22	1 23 48	19°53'27	3♋27	8°54	9°48	3°49	21°43	25° 1	13°20	23° 2	26°24	0°43	29°22	22°53	n.a.	F 22
S 23	1 27 45	20°54'26	17°34	10°16	11° 0	3°27	21°55	24°59	13°19	23° 4	26°24	0°D41	29°19	22°59	n.a.	S 23
S 24	1 31 42	21°55'27	1♌41	11°36	12°12	3° 4	22° 7	24°58	13°17	23° 6	26°25	0°42	29°16	23° 6	n.a.	S 24
M25	1 35 38	22°56'29	15°46	12°55	13°24	2°42	22°20	24°56	13°15	23° 8	26°25	0°43	29°13	23°13	n.a.	M25
T 26	1 39 35	23°57'32	29°48	14°12	14°36	2°18	22°32	24°55	13°13	23°10	26°25	0°R43	29°10	23°19	n.a.	T 26
W27	1 43 31	24°58'37	13♍46	15°27	15°49	1°55	22°44	24°54	13°12	23°12	26°26	0°43	29° 6	23°26	n.a.	W27
T 28	1 47 28	25°59'43	27°37	16°40	17° 1	1°32	22°56	24°52	13°10	23°14	26°26	0°40	29° 3	23°33	n.a.	T 28
F 29	1 51 24	27° 0'50	11♎19	17°49	18°14	1° 8	23° 8	24°51	13° 9	23°16	26°26	0°34	29° 0	23°39	n.a.	F 29
S 30	1 55 21	28° 1'58	24°50	18°56	19°27	0°44	23°20	24°51	13° 7	23°18	26°27	0°25	28°57	23°46	n.a.	S 30
S 31	1 59 17	29♎ 3'07	8♏ 7	19♏59	20♍39	0♉21	23♍32	24♒50	13♓ 6	23♍20	26♋27	0♓15	28♒54	23♉53	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n33	3s32	2s41	3s40	0s35	17n 8	0n36	13n53	0s58	6n16	1n15	15s26	2s31	7s 5	0s48	4n51	1n54	33n10	12n 9	10s59	11s29	25s29		n.a.
S 2	0 9	9 59	3 41	4 24	0 41	16 51	0 40	13 53	0 56	6 10	1 15	15 27	2 31	7 6	0 48	4 50	1 54	33 10	12 9	11 1	11 30	25 28		n.a.
S 3	0s16	15 48	4 26	5 6	0 48	16 33	0 44	13 52	0 53	6 5	1 15	15 28	2 31	7 7	0 48	4 49	1 54	33 10	12 9	11 2	11 31	25 26		n.a.
M 4	0 40	20 45	4 57	5 49	0 54	16 15	0 47	13 51	0 51	6 0	1 15	15 29	2 31	7 8	0 48	4 48	1 54	33 10	12 10	11 4	11 32	25 24		n.a.
T 5	1 5	24 35	5 11	6 31	1 1	15 57	0 51	13 50	0 49	5 55	1 15	15 30	2 31	7 9	0 48	4 47	1 54	33 10	12 10	11 6	11 33	25 22		n.a.
W 6	1 29	27 10	5 10	7 13	1 7	15 37	0 54	13 48	0 47	5 50	1 15	15 31	2 30	7 10	0 48	4 46	1 54	33 11	12 11	11 7	11 34	25 21		n.a.
T 7	1 54	28 23	4 55	7 54	1 13	15 18	0 58	13 47	0 45	5 45	1 15	15 32	2 30	7 11	0 48	4 45	1 54	33 11	12 11	11 8	11 35	25 19		n.a.
F 8	2 18	28 15	4 27	8 35	1 19	14 58	1 1	13 45	0 42	5 40	1 15	15 33	2 30	7 12	0 48	4 45	1 54	33 11	12 12	11 9	11 37	25 17		n.a.
S 9	2 42	26 48	3 48	9 15	1 25	14 37	1 5	13 42	0 40	5 35	1 15	15 34	2 30	7 12	0 48	4 44	1 54	33 11	12 12	11 9	11 38	25 15		n.a.
S 10	3 7	24 9	3 0	9 55	1 30	14 16	1 8	13 40	0 38	5 30	1 15	15 35	2 30	7 13	0 48	4 43	1 54	33 11	12 12	11 8	11 39	25 14		n.a.
M11	3 31	20 29	2 3	10 34	1 36	13 55	1 11	13 37	0 35	5 24	1 15	15 35	2 30	7 14	0 48	4 42	1 54	33 12	12 13	11 7	11 40	25 12		n.a.
T 12	3 55	15 56	1 1	11 12	1 41	13 33	1 14	13 34	0 33	5 19	1 15	15 36	2 29	7 15	0 48	4 41	1 54	33 12	12 13	11 7	11 41	25 10		n.a.
W13	4 19	10 42	0n 5	11 50	1 46	13 10	1 17	13 31	0 30	5 14	1 15	15 37	2 29	7 16	0 47	4 40	1 54	33 12	12 14	11 7	11 42	25 8		n.a.
T 14	4 44	4 57	1 12	12 28	1 51	12 48	1 20	13 28	0 28	5 9	1 15	15 38	2 29	7 16	0 47	4 39	1 54	33 12	12 14	11 7	11 43	25 6		n.a.
F 15	5 8	1n 6	2 17	13 4	1 56	12 24	1 22	13 24	0 25	5 4	1 15	15 38	2 29	7 17	0 47	4 39	1 54	33 13	12 14	11 8	11 44	25 5		n.a.
S 16	5 32	7 15	3 16	13 40	2 1	12 1	1 25	13 20	0 23	4 59	1 15	15 39	2 29	7 18	0 47	4 38	1 54	33 13	12 15	11 10	11 46	25 3		n.a.
S 17	5 56	13 13	4 5	14 15	2 5	11 37	1 27	13 16	0 20	4 54	1 15	15 40	2 29	7 19	0 47	4 37	1 54	33 13	12 15	11 12	11 47	25 1		n.a.
M18	6 19	18 40	4 42	14 49	2 9	11 13	1 30	13 12	0 17	4 49	1 16	15 40	2 28	7 20	0 47	4 36	1 54	33 13	12 16	11 15	11 48	24 59		n.a.
T 19	6 43	23 14	5 3	15 22	2 12	10 48	1 32	13 7	0 15	4 44	1 16	15 41	2 28	7 20	0 47	4 35	1 54	33 14	12 16	11 18	11 49	24 57		n.a.
W20	7 7	26 33	5 7	15 54	2 16	10 23	1 34	13 3	0 12	4 40	1 16	15 41	2 28	7 21	0 47	4 34	1 54	33 14	12 17	11 20	11 50	24 55		n.a.
T 21	7 30	28 14	4 52	16 25	2 19	9 58	1 36	12 58	0 10	4 35	1 16	15 42	2 28	7 22	0 47	4 34	1 54	33 14	12 17	11 22	11 51	24 54		n.a.
F 22	7 54	28 5	4 19	16 55	2 21	9 32	1 38	12 53	0 7	4 30	1 16	15 42	2 28	7 22	0 47	4 33	1 54	33 15	12 18	11 24	11 52	24 52		n.a.
S 23	8 17	26 7	3 31	17 23	2 23	9 6	1 40	12 48	0 4	4 25	1 16	15 43	2 28	7 23	0 47	4 32	1 54	33 15	12 18	11 24	11 54	24 50		n.a.
S 24	8 40	22 32	2 30	17 50	2 25	8 40	1 42	12 43	0 1	4 20	1 16	15 43	2 27	7 24	0 47	4 31	1 54	33 15	12 18	11 24	11 55	24 48		n.a.
M25	9 3	17 38	1 20	18 16	2 26	8 13	1 44	12 37	0n 1	4 15	1 16	15 43	2 27	7 24	0 47	4 30	1 54	33 16	12 19	11 24	11 56	24 46		n.a.
T 26	9 26	11 48	0 5	18 40	2 26	7 46	1 45	12 32	0 4	4 10	1 16	15 43	2 27	7 25	0 47	4 30	1 54	33 16	12 19	11 23	11 57	24 44		n.a.
W27	9 49	5 25	1s 9	19 3	2 26	7 19	1 47	12 26	0 7	4 5	1 16	15 44	2 27	7 26	0 47	4 29	1 54	33 16	12 20	11 24	11 58	24 42		n.a.
T 28	10 12	1s 9	2 19	19 24	2 25	6 52	1 48	12 20	0 9	4 1	1 16	15 44	2 27	7 26	0 47	4 28	1 54	33 17	12 20	11 25	11 59	24 41		n.a.
F 29	10 34	7 36	3 20	19 43	2 24	6 24	1 50	12 14	0 12	3 56	1 16	15 44	2 26	7 27	0 47	4 27	1 54	33 17	12 21	11 27	12 0	24 39		n.a.
S 30	10 56	13 36	4 8	19 59	2 21	5 56	1 51	12 8	0 15	3 51	1 17	15 44	2 26	7 27	0 47	4 27	1 54	33 17	12 21	11 30	12 1	24 37		n.a.
S 31	11s19	18s52	4s42	20s14	2s18	5n28	1n52	12n 3	0n17	3n47	1n17	15s44	2s26	7s28	0s47	4n26	1n54	33n18	12n22	11s34	12s 3	24s35		n.a.

Julian Day Number = 1353159.5, Delta T = 07h05m31s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'42, Lahiri = -17°52'41 Julian Calendar 1 Oct. 1009 BCE == Greg. Calendar 21 Sept. 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

NOVEMBER 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 3 14	0♏ 4'17	21♏ 7	20♏58	21♍52	29°R57	23♍44	24°R49	13°R 4	23♍22	26♋27	0°R 4	28♒50	23♉59	n.a.	M 1
T 2	2 7 11	1° 5'28	3♐50	21°52	23° 5	29♈34	23°56	24♒49	13♓ 3	23°24	26°27	29♒53	28°47	24° 6	n.a.	T 2
W 3	2 11 7	2° 6'39	16°17	22°41	24°18	29°11	24° 8	24°48	13° 1	23°26	26°28	29°43	28°44	24°13	n.a.	W 3
T 4	2 15 4	3° 7'51	28°28	23°23	25°31	28°48	24°19	24°48	13° 0	23°28	26°28	29°35	28°41	24°19	n.a.	T 4
F 5	2 19 0	4° 9'03	10♉27	23°59	26°44	28°25	24°31	24°48	12°59	23°29	26°28	29°29	28°38	24°26	n.a.	F 5
S 6	2 22 57	5°10'16	22°18	24°26	27°57	28° 2	24°42	24°D47	12°57	23°31	26°28	29°26	28°35	24°33	n.a.	S 6
S 7	2 26 53	6°11'30	4♒ 7	24°45	29°11	27°40	24°54	24°47	12°56	23°33	26°R28	29°D25	28°31	24°39	n.a.	S 7
M 8	2 30 50	7°12'43	15°58	24°R54	0♎24	27°18	25° 5	24°48	12°55	23°35	26°28	29°25	28°28	24°46	n.a.	M 8
T 9	2 34 47	8°13'57	27°56	24°53	1°37	26°57	25°17	24°48	12°54	23°37	26°28	29°R26	28°25	24°53	n.a.	T 9
W10	2 38 43	9°15'11	10♓ 9	24°40	2°51	26°36	25°28	24°48	12°53	23°38	26°28	29°25	28°22	24°59	n.a.	W10
T 11	2 42 40	10°16'25	22°39	24°17	4° 4	26°16	25°39	24°49	12°52	23°40	26°28	29°23	28°19	25° 6	n.a.	T 11
F 12	2 46 36	11°17'40	5♈30	23°41	5°18	25°56	25°50	24°49	12°51	23°42	26°28	29°18	28°16	25°13	n.a.	F 12
S 13	2 50 33	12°18'55	18°46	22°54	6°31	25°37	26° 1	24°50	12°50	23°43	26°27	29°10	28°12	25°19	n.a.	S 13
S 14	2 54 29	13°20'10	2♉25	21°56	7°45	25°19	26°12	24°51	12°49	23°45	26°27	29° 0	28° 9	25°26	n.a.	S 14
M15	2 58 26	14°21'25	16°25	20°49	8°59	25° 1	26°23	24°52	12°48	23°46	26°27	28°48	28° 6	25°33	n.a.	M15
T 16	3 2 22	15°22'41	0♊42	19°35	10°12	24°44	26°34	24°53	12°47	23°48	26°27	28°36	28° 3	25°39	n.a.	T 16
W17	3 6 19	16°23'57	15° 9	18°15	11°26	24°27	26°44	24°54	12°47	23°50	26°26	28°24	28° 0	25°46	n.a.	W17
T 18	3 10 16	17°25'14	29°39	16°53	12°40	24°11	26°55	24°55	12°46	23°51	26°26	28°15	27°56	25°53	n.a.	T 18
F 19	3 14 12	18°26'30	14♋ 7	15°31	13°54	23°56	27° 5	24°56	12°45	23°53	26°26	28° 9	27°53	25°59	n.a.	F 19
S 20	3 18 9	19°27'48	28°28	14°12	15° 8	23°42	27°16	24°58	12°45	23°54	26°25	28° 5	27°50	26° 6	n.a.	S 20
S 21	3 22 5	20°29'05	12♌39	12°59	16°22	23°28	27°26	24°59	12°44	23°56	26°25	28° 4	27°47	26°13	n.a.	S 21
M22	3 26 2	21°30'23	26°38	11°53	17°36	23°16	27°36	25° 1	12°44	23°57	26°25	28° 4	27°44	26°19	n.a.	M22
T 23	3 29 58	22°31'41	10♍27	10°55	18°50	23° 4	27°47	25° 3	12°43	23°58	26°24	28° 3	27°41	26°26	n.a.	T 23
W24	3 33 55	23°33'00	24° 4	10° 8	20° 4	22°52	27°57	25° 5	12°43	24° 0	26°24	28° 2	27°37	26°33	n.a.	W24
T 25	3 37 52	24°34'18	7♎31	9°31	21°18	22°42	28° 6	25° 7	12°43	24° 1	26°23	27°57	27°34	26°39	n.a.	T 25
F 26	3 41 48	25°35'37	20°49	9° 4	22°32	22°32	28°16	25° 9	12°42	24° 2	26°22	27°50	27°31	26°46	n.a.	F 26
S 27	3 45 45	26°36'56	3♏55	8°48	23°46	22°24	28°26	25°11	12°42	24° 4	26°22	27°39	27°28	26°53	n.a.	S 27
S 28	3 49 41	27°38'14	16°51	8°D41	25° 0	22°16	28°36	25°13	12°42	24° 5	26°21	27°26	27°25	26°59	n.a.	S 28
M29	3 53 38	28°39'33	29°34	8°43	26°15	22° 9	28°45	25°16	12°42	24° 6	26°21	27°11	27°22	27° 6	n.a.	M29
T 30	3 57 34	29♏40'51	12♐ 5	8♏54	27♎29	22♈ 2	28♍54	25♒18	12♓42	24♍ 7	26♋20	26♒57	27♒18	27♉13	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s40	23s 8	5s 0	20s26	2s14	5n 0	1n53	11n57	0n20	3n42	1n17	15s44	2s26	7s28	0s47	4n25	1n54	33n18	12n22	11s38	12s 4	24s33		n.a.
T 2	12 2	26 12	5 3	20 36	2 9	4 31	1 54	11 51	0 23	3 37	1 17	15 44	2 26	7 29	0 47	4 24	1 55	33 19	12 22	11 42	12 5	24 31		n.a.
W 3	12 24	27 55	4 51	20 42	2 3	4 3	1 55	11 45	0 25	3 33	1 17	15 44	2 25	7 30	0 47	4 24	1 55	33 19	12 23	11 45	12 6	24 29		n.a.
T 4	12 45	28 15	4 26	20 46	1 55	3 34	1 55	11 39	0 28	3 28	1 17	15 44	2 25	7 30	0 47	4 23	1 55	33 19	12 23	11 48	12 7	24 27		n.a.
F 5	13 6	27 13	3 50	20 47	1 46	3 5	1 56	11 33	0 30	3 23	1 17	15 44	2 25	7 30	0 47	4 22	1 55	33 20	12 24	11 50	12 8	24 25		n.a.
S 6	13 27	24 58	3 4	20 44	1 36	2 36	1 56	11 27	0 33	3 19	1 17	15 44	2 25	7 31	0 47	4 22	1 55	33 20	12 24	11 51	12 9	24 23		n.a.
S 7	13 48	21 39	2 11	20 37	1 25	2 7	1 57	11 21	0 35	3 14	1 17	15 44	2 24	7 31	0 47	4 21	1 55	33 21	12 25	11 51	12 10	24 21		n.a.
M 8	14 8	17 26	1 11	20 27	1 12	1 37	1 57	11 16	0 38	3 10	1 18	15 43	2 24	7 32	0 47	4 20	1 55	33 21	12 25	11 51	12 11	24 19		n.a.
T 9	14 28	12 30	0 8	20 13	0 57	1 8	1 57	11 10	0 40	3 5	1 18	15 43	2 24	7 32	0 47	4 20	1 55	33 22	12 26	11 51	12 13	24 17		n.a.
W10	14 48	7 1	0n57	19 54	0 41	0 39	1 58	11 5	0 42	3 1	1 18	15 43	2 24	7 33	0 47	4 19	1 55	33 22	12 26	11 51	12 14	24 15		n.a.
T 11	15 8	1 8	2 0	19 32	0 24	0 9	1 58	10 59	0 45	2 57	1 18	15 42	2 24	7 33	0 47	4 18	1 55	33 23	12 26	11 52	12 15	24 13		n.a.
F 12	15 27	4n57	2 59	19 5	0 6	0s21	1 58	10 54	0 47	2 52	1 18	15 42	2 23	7 33	0 47	4 18	1 55	33 23	12 27	11 54	12 16	24 11		n.a.
S 13	15 46	11 0	3 50	18 34	0n14	0 50	1 57	10 49	0 49	2 48	1 18	15 42	2 23	7 34	0 47	4 17	1 55	33 23	12 27	11 57	12 17	24 9		n.a.
S 14	16 5	16 42	4 29	17 59	0 34	1 20	1 57	10 44	0 51	2 44	1 18	15 41	2 23	7 34	0 46	4 17	1 55	33 24	12 28	12 0	12 18	24 8		n.a.
M15	16 24	21 41	4 54	17 22	0 54	1 50	1 57	10 40	0 54	2 39	1 18	15 41	2 23	7 34	0 46	4 16	1 55	33 24	12 28	12 5	12 19	24 6		n.a.
T 16	16 42	25 31	5 1	16 42	1 15	2 19	1 56	10 35	0 56	2 35	1 19	15 40	2 23	7 34	0 46	4 15	1 55	33 25	12 29	12 9	12 20	24 3		n.a.
W17	17 0	27 45	4 48	16 2	1 34	2 49	1 56	10 31	0 58	2 31	1 19	15 39	2 22	7 35	0 46	4 15	1 55	33 25	12 29	12 13	12 22	24 1		n.a.
T 18	17 18	28 6	4 17	15 21	1 52	3 19	1 55	10 27	1 0	2 27	1 19	15 39	2 22	7 35	0 46	4 14	1 55	33 26	12 30	12 16	12 23	23 59		n.a.
F 19	17 35	26 32	3 30	14 41	2 9	3 48	1 55	10 23	1 2	2 23	1 19	15 38	2 22	7 35	0 46	4 14	1 55	33 26	12 30	12 18	12 24	23 57		n.a.
S 20	17 52	23 14	2 30	14 4	2 24	4 18	1 54	10 19	1 3	2 19	1 19	15 37	2 22	7 35	0 46	4 13	1 55	33 27	12 30	12 20	12 25	23 55		n.a.
S 21	18 9	18 34	1 21	13 30	2 37	4 48	1 53	10 16	1 5	2 15	1 19	15 37	2 21	7 36	0 46	4 13	1 55	33 27	12 31	12 20	12 26	23 53		n.a.
M22	18 25	12 57	0 8	13 0	2 47	5 17	1 52	10 13	1 7	2 11	1 20	15 36	2 21	7 36	0 46	4 12	1 56	33 28	12 31	12 20	12 27	23 51		n.a.
T 23	18 42	6 46	1s 5	12 34	2 55	5 47	1 51	10 10	1 9	2 7	1 20	15 35	2 21	7 36	0 46	4 12	1 56	33 28	12 32	12 20	12 28	23 49		n.a.
W24	18 57	0 22	2 13	12 14	3 1	6 16	1 50	10 7	1 10	2 3	1 20	15 34	2 21	7 36	0 46	4 11	1 56	33 29	12 32	12 21	12 29	23 47		n.a.
T 25	19 13	5s58	3 12	11 59	3 4	6 45	1 49	10 5	1 12	1 59	1 20	15 33	2 21	7 36	0 46	4 11	1 56	33 29	12 33	12 22	12 30	23 45		n.a.
F 26	19 28	11 57	4 0	11 49	3 6	7 14	1 48	10 2	1 14	1 55	1 20	15 32	2 20	7 36	0 46	4 10	1 56	33 30	12 33	12 25	12 32	23 43		n.a.
S 27	19 42	17 19	4 35	11 43	3 6	7 43	1 47	10 1	1 15	1 51	1 20	15 31	2 20	7 36	0 46	4 10	1 56	33 30	12 33	12 29	12 33	23 41		n.a.
S 28	19 57	21 50	4 54	11 43	3 4	8 12	1 45	9 59	1 17	1 48	1 21	15 30	2 20	7 36	0 46	4 9	1 56	33 31	12 34	12 33	12 34	23 39		n.a.
M29	20 11	25 14	4 59	11 46	3 1	8 40	1 44	9 57	1 18	1 44	1 21	15 29	2 20	7 36	0 46	4 9	1 56	33 31	12 34	12 38	12 35	23 37		n.a.
T 30	20s24	27s22	4s49	11s53	2n58	9s 9	1n42	9n56	1n19	1n40	1n21	15s28	2s19	7s36	0s46	4n 8	1n56	33n32	12n35	12s43	12s36	23s35		n.a.

Julian Day Number = 1353190.5, Delta T = 07h05m29s
Ecliptic obliquity = 23°49'04, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'37, Lahiri = -17°52'37 Julian Calendar 1 Nov. 1009 BCE == Greg. Calendar 22 Oct. 1009 BCE

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1009 BCE
geocentric

DECEMBER 1009 BCE (-1008) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 1 31	0♐42'09	24♐23	9♏13	28♎43	21°R57	29♍ 4	25♒21	12°D42	24♍ 8	26°R19	26°R44	27♒15	27♑19	n.a.	W 1
T 2	4 5 27	1°43'26	6♑29	9°38	29°57	21♈52	29°13	25°24	12♓42	24°10	26♋19	26♒33	27°12	27°26	n.a.	T 2
F 3	4 9 24	2°44'43	18°25	10°11	1♏12	21°48	29°22	25°26	12°42	24°11	26°18	26°24	27° 9	27°33	n.a.	F 3
S 4	4 13 21	3°45'59	0♒14	10°49	2°26	21°45	29°31	25°29	12°42	24°12	26°17	26°19	27° 6	27°39	n.a.	S 4
S 5	4 17 17	4°47'15	12° 1	11°32	3°40	21°43	29°40	25°32	12°42	24°13	26°16	26°17	27° 2	27°46	n.a.	S 5
M 6	4 21 14	5°48'30	23°50	12°19	4°55	21°42	29°48	25°36	12°42	24°14	26°15	26°D16	26°59	27°53	n.a.	M 6
T 7	4 25 10	6°49'43	5♓46	13°11	6° 9	21°D41	29°57	25°39	12°43	24°15	26°14	26°R16	26°56	27°59	n.a.	T 7
W 8	4 29 7	7°50'56	17°55	14° 7	7°23	21°41	0♎ 5	25°42	12°43	24°16	26°14	26°16	26°53	28° 6	n.a.	W 8
T 9	4 33 3	8°52'08	0♈23	15° 6	8°38	21°42	0°14	25°46	12°44	24°17	26°13	26°14	26°50	28°13	n.a.	T 9
F 10	4 37 0	9°53'19	13°14	16° 8	9°52	21°44	0°22	25°49	12°44	24°17	26°12	26°10	26°47	28°19	n.a.	F 10
S 11	4 40 57	10°54'29	26°32	17°13	11° 6	21°46	0°30	25°53	12°44	24°18	26°11	26° 3	26°43	28°26	n.a.	S 11
S 12	4 44 53	11°55'38	10♉18	18°20	12°21	21°49	0°38	25°57	12°45	24°19	26°10	25°53	26°40	28°33	n.a.	S 12
M13	4 48 50	12°56'46	24°31	19°30	13°35	21°53	0°46	26° 0	12°46	24°20	26° 9	25°42	26°37	28°39	n.a.	M13
T 14	4 52 46	13°57'54	9♊ 7	20°41	14°50	21°58	0°53	26° 4	12°46	24°21	26° 8	25°31	26°34	28°46	n.a.	T 14
W15	4 56 43	14°59'00	23°58	21°54	16° 4	22° 3	1° 1	26° 8	12°47	24°21	26° 7	25°20	26°31	28°53	n.a.	W15
T 16	5 0 39	16° 0'06	8♋55	23° 9	17°19	22° 9	1° 8	26°12	12°48	24°22	26° 6	25°11	26°28	28°59	n.a.	T 16
F 17	5 4 36	17° 1'11	23°49	24°26	18°33	22°16	1°15	26°17	12°49	24°23	26° 5	25° 5	26°24	29° 6	n.a.	F 17
S 18	5 8 32	18° 2'15	8♌33	25°44	19°48	22°23	1°23	26°21	12°49	24°23	26° 3	25° 2	26°21	29°13	n.a.	S 18
S 19	5 12 29	19° 3'18	23° 1	27° 3	21° 2	22°31	1°29	26°25	12°50	24°24	26° 2	25°D 1	26°18	29°19	n.a.	S 19
M20	5 16 26	20° 4'20	7♍10	28°23	22°16	22°39	1°36	26°30	12°51	24°24	26° 1	25° 1	26°15	29°26	n.a.	M20
T 21	5 20 22	21° 5'22	21° 0	29°45	23°31	22°49	1°43	26°34	12°52	24°25	26° 0	25°R 1	26°12	29°33	n.a.	T 21
W22	5 24 19	22° 6'22	4♎32	1♐ 7	24°45	22°58	1°49	26°39	12°53	24°25	25°59	25° 1	26° 8	29°39	n.a.	W22
T 23	5 28 15	23° 7'22	17°47	2°31	26° 0	23° 9	1°56	26°44	12°55	24°26	25°57	24°58	26° 5	29°46	n.a.	T 23
F 24	5 32 12	24° 8'21	0♏47	3°56	27°14	23°20	2° 2	26°48	12°56	24°26	25°56	24°52	26° 2	29°53	n.a.	F 24
S 25	5 36 8	25° 9'19	13°34	5°21	28°29	23°31	2° 8	26°53	12°57	24°27	25°55	24°44	25°59	29°59	n.a.	S 25
S 26	5 40 5	26°10'16	26°10	6°48	29°43	23°43	2°14	26°58	12°58	24°27	25°54	24°34	25°56	0♒ 6	n.a.	S 26
M27	5 44 2	27°11'12	8♐35	8°15	0♐58	23°56	2°20	27° 3	13° 0	24°27	25°52	24°23	25°53	0°13	n.a.	M27
T 28	5 47 58	28°12'06	20°50	9°43	2°12	24° 9	2°25	27° 8	13° 1	24°28	25°51	24°12	25°49	0°19	n.a.	T 28
W29	5 51 55	29°12'59	2♑57	11°12	3°27	24°23	2°31	27°14	13° 2	24°28	25°50	24° 1	25°46	0°26	n.a.	W29
T 30	5 55 51	0♑13'51	14°55	12°42	4°41	24°37	2°36	27°19	13° 4	24°28	25°48	23°52	25°43	0°33	n.a.	T 30
F 31	5 59 48	1♑14'41	26♑47	14♐13	5♐56	24♈52	2♎41	27♒24	13♓ 5	24♍28	25♋47	23♒46	25♒40	0♒39	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20s37	28s 7	4s26	12s 4	2n53	9s37	1n41	9n55	1n21	1n37	1n21	15s27	2s19	7s36	0s46	4n 8	1n56	33n33	12n35	12s48	12s37	23s33			n.a.
T 2	20 50	27 30	3 51	12 18	2 47	10 5	1 39	9 55	1 22	1 33	1 21	15 26	2 19	7 36	0 46	4 8	1 56	33 33	12 35	12 52	12 38	23 31			n.a.
F 3	21 2	25 36	3 6	12 34	2 41	10 33	1 38	9 55	1 23	1 30	1 21	15 25	2 19	7 36	0 46	4 7	1 56	33 34	12 36	12 55	12 39	23 28			n.a.
S 4	21 14	22 35	2 13	12 52	2 34	11 1	1 36	9 55	1 24	1 26	1 22	15 24	2 19	7 36	0 46	4 7	1 56	33 34	12 36	12 56	12 40	23 26			n.a.
S 5	21 26	18 39	1 15	13 13	2 26	11 28	1 34	9 55	1 26	1 23	1 22	15 22	2 18	7 36	0 46	4 7	1 56	33 35	12 36	12 57	12 41	23 24			n.a.
M 6	21 37	13 59	0 13	13 35	2 19	11 55	1 32	9 55	1 27	1 20	1 22	15 21	2 18	7 36	0 46	4 6	1 56	33 35	12 37	12 58	12 43	23 22			n.a.
T 7	21 48	8 46	0n50	13 58	2 11	12 22	1 30	9 56	1 28	1 16	1 22	15 20	2 18	7 35	0 46	4 6	1 56	33 36	12 37	12 58	12 44	23 20			n.a.
W 8	21 58	3 8	1 52	14 23	2 3	12 48	1 28	9 57	1 29	1 13	1 22	15 19	2 18	7 35	0 45	4 6	1 57	33 36	12 38	12 58	12 45	23 18			n.a.
T 9	22 8	2n45	2 50	14 48	1 54	13 14	1 26	9 58	1 30	1 10	1 23	15 17	2 18	7 35	0 45	4 5	1 57	33 37	12 38	12 58	12 46	23 16			n.a.
F 10	22 17	8 42	3 42	15 14	1 46	13 40	1 24	10 0	1 31	1 7	1 23	15 16	2 17	7 35	0 45	4 5	1 57	33 37	12 38	13 0	12 47	23 14			n.a.
S 11	22 26	14 28	4 23	15 41	1 37	14 6	1 22	10 2	1 32	1 4	1 23	15 14	2 17	7 35	0 45	4 5	1 57	33 38	12 39	13 2	12 48	23 11			n.a.
S 12	22 35	19 44	4 51	16 9	1 29	14 31	1 20	10 4	1 32	1 1	1 23	15 13	2 17	7 34	0 45	4 4	1 57	33 39	12 39	13 5	12 49	23 9			n.a.
M13	22 43	24 4	5 2	16 36	1 20	14 56	1 18	10 6	1 33	0 58	1 23	15 11	2 17	7 34	0 45	4 4	1 57	33 39	12 39	13 9	12 50	23 7			n.a.
T 14	22 50	27 0	4 53	17 4	1 11	15 20	1 16	10 8	1 34	0 55	1 24	15 10	2 17	7 34	0 45	4 4	1 57	33 40	12 40	13 13	12 51	23 5			n.a.
W15	22 57	28 6	4 25	17 31	1 3	15 44	1 13	10 11	1 35	0 52	1 24	15 8	2 16	7 34	0 45	4 4	1 57	33 40	12 40	13 17	12 52	23 3			n.a.
T 16	23 4	27 9	3 39	17 59	0 54	16 8	1 11	10 14	1 36	0 49	1 24	15 7	2 16	7 33	0 45	4 3	1 57	33 41	12 40	13 20	12 54	23 1			n.a.
F 17	23 10	24 16	2 38	18 26	0 46	16 31	1 9	10 17	1 36	0 47	1 24	15 5	2 16	7 33	0 45	4 3	1 57	33 41	12 41	13 22	12 55	22 58			n.a.
S 18	23 16	19 48	1 26	18 53	0 37	16 54	1 6	10 20	1 37	0 44	1 24	15 3	2 16	7 32	0 45	4 3	1 57	33 42	12 41	13 23	12 56	22 56			n.a.
S 19	23 21	14 14	0 11	19 20	0 29	17 16	1 4	10 24	1 38	0 41	1 25	15 2	2 16	7 32	0 45	4 3	1 57	33 42	12 41	13 23	12 57	22 54			n.a.
M20	23 26	8 1	1s 4	19 46	0 21	17 38	1 2	10 28	1 38	0 39	1 25	15 0	2 16	7 32	0 45	4 3	1 57	33 43	12 42	13 23	12 58	22 52			n.a.
T 21	23 31	1 34	2 14	20 12	0 13	18 0	0 59	10 32	1 39	0 36	1 25	14 58	2 15	7 31	0 45	4 3	1 57	33 43	12 42	13 23	12 59	22 50			n.a.
W22	23 35	4s48	3 14	20 38	0 5	18 21	0 57	10 36	1 39	0 34	1 25	14 56	2 15	7 31	0 45	4 3	1 58	33 44	12 42	13 23	13 0	22 47			n.a.
T 23	23 38	10 49	4 3	21 2	0s 3	18 41	0 54	10 40	1 40	0 31	1 26	14 55	2 15	7 30	0 45	4 2	1 58	33 45	12 43	13 24	13 1	22 45			n.a.
F 24	23 41	16 15	4 38	21 26	0 10	19 1	0 51	10 45	1 40	0 29	1 26	14 53	2 15	7 30	0 45	4 2	1 58	33 45	12 43	13 26	13 2	22 43			n.a.
S 25	23 44	20 54	4 58	21 49	0 18	19 21	0 49	10 50	1 41	0 27	1 26	14 51	2 15	7 29	0 45	4 2	1 58	33 46	12 43	13 29	13 3	22 41			n.a.
S 26	23 46	24 31	5 4	22 12	0 25	19 39	0 46	10 55	1 41	0 25	1 26	14 49	2 14	7 29	0 45	4 2	1 58	33 46	12 43	13 32	13 5	22 38			n.a.
M27	23 47	26 56	4 55	22 33	0 32	19 58	0 44	11 0	1 42	0 23	1 26	14 47	2 14	7 28	0 45	4 2	1 58	33 47	12 44	13 36	13 6	22 36			n.a.
T 28	23 48	28 1	4 32	22 54	0 39	20 16	0 41	11 5	1 42	0 21	1 27	14 45	2 14	7 28	0 45	4 2	1 58	33 47	12 44	13 40	13 7	22 34			n.a.
W29	23 49	27 45	3 58	23 14	0 46	20 33	0 38	11 11	1 43	0 19	1 27	14 43	2 14	7 27	0 45	4 2	1 58	33 48	12 44	13 43	13 8	22 32			n.a.
T 30	23 49	26 10	3 13	23 32	0 52	20 50	0 36	11 17	1 43	0 17	1 27	14 41	2 14	7 26	0 45	4 2	1 58	33 48	12 44	13 46	13 9	22 29			n.a.
F 31	23s49	23s25	2s20	23s50	0s58	21s 6	0n33	11n22	1n43	0n15	1n27	14s39	2s14	7s26	0s45	4n 2	1n58	33n49	12n45	13s48	13s10	22s27			n.a.

Julian Day Number = 1353220.5, Delta T = 07h05m28s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'33, Lahiri = -17°52'33 Julian Calendar 1 Dec. 1009 BCE == Greg. Calendar 21 Nov. 1009 BCE

The year -1008 astronomical counting style corresponds to year 1009 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

JANUARY 1008 BCE (-1007) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 3 44	2♑15'30	8♒34	15♐44	7♐10	25♈ 7	2♎46	27♒30	13♓ 7	24♍28	25°R46	23°R42	25♒37	0♒46	n.a.	S 1
S 2	6 7 41	3°16'17	20°20	17°17	8°25	25°23	2°51	27°35	13° 8	24°28	25♋44	23°D41	25°34	0°53	n.a.	S 2
M 3	6 11 37	4°17'02	2♓ 9	18°50	9°39	25°39	2°56	27°41	13°10	24°28	25°43	23♒41	25°30	0°59	n.a.	M 3
T 4	6 15 34	5°17'46	14° 5	20°24	10°54	25°55	3° 0	27°46	13°12	24°R28	25°41	23°42	25°27	1° 6	n.a.	T 4
W 5	6 19 31	6°18'28	26°12	21°58	12° 8	26°12	3° 4	27°52	13°14	24°28	25°40	23°44	25°24	1°13	n.a.	W 5
T 6	6 23 27	7°19'07	8♈36	23°34	13°23	26°30	3° 8	27°58	13°15	24°28	25°39	23°R44	25°21	1°19	n.a.	T 6
F 7	6 27 24	8°19'45	21°22	25°10	14°37	26°48	3°12	28° 4	13°17	24°28	25°37	23°43	25°18	1°26	n.a.	F 7
S 8	6 31 20	9°20'21	4♉34	26°47	15°52	27° 6	3°16	28°10	13°19	24°28	25°36	23°40	25°14	1°33	n.a.	S 8
S 9	6 35 17	10°20'55	18°15	28°26	17° 6	27°25	3°20	28°15	13°21	24°28	25°34	23°36	25°11	1°39	n.a.	S 9
M10	6 39 13	11°21'28	2♊25	0♑ 5	18°21	27°44	3°23	28°22	13°23	24°28	25°33	23°30	25° 8	1°46	n.a.	M10
T 11	6 43 10	12°21'58	17° 2	1°44	19°35	28° 4	3°26	28°28	13°25	24°28	25°31	23°23	25° 5	1°53	n.a.	T 11
W12	6 47 6	13°22'27	2♋ 0	3°25	20°49	28°23	3°29	28°34	13°27	24°27	25°30	23°17	25° 2	1°59	n.a.	W12
T 13	6 51 3	14°22'53	17°10	5° 7	22° 4	28°44	3°32	28°40	13°29	24°27	25°28	23°12	24°59	2° 6	n.a.	T 13
F 14	6 55 0	15°23'18	2♌23	6°49	23°18	29° 4	3°35	28°46	13°31	24°27	25°27	23° 8	24°55	2°13	n.a.	F 14
S 15	6 58 56	16°23'41	17°28	8°33	24°33	29°25	3°37	28°53	13°33	24°27	25°25	23°D 7	24°52	2°19	n.a.	S 15
S 16	7 2 53	17°24'02	2♍17	10°17	25°47	29°47	3°40	28°59	13°35	24°26	25°24	23° 7	24°49	2°26	n.a.	S 16
M17	7 6 49	18°24'22	16°45	12° 3	27° 2	0♉ 8	3°42	29° 5	13°38	24°26	25°22	23° 8	24°46	2°33	n.a.	M17
T 18	7 10 46	19°24'40	0♎48	13°49	28°16	0°30	3°44	29°12	13°40	24°25	25°21	23°10	24°43	2°39	n.a.	T 18
W19	7 14 42	20°24'56	14°27	15°36	29°30	0°52	3°46	29°18	13°42	24°25	25°19	23°R11	24°40	2°46	n.a.	W19
T 20	7 18 39	21°25'11	27°43	17°25	0♑45	1°15	3°47	29°25	13°45	24°24	25°18	23°11	24°36	2°52	n.a.	T 20
F 21	7 22 35	22°25'25	10♏38	19°14	1°59	1°38	3°49	29°32	13°47	24°24	25°16	23° 9	24°33	2°59	n.a.	F 21
S 22	7 26 32	23°25'36	23°16	21° 5	3°14	2° 1	3°50	29°38	13°49	24°23	25°15	23° 6	24°30	3° 6	n.a.	S 22
S 23	7 30 29	24°25'46	5♐39	22°56	4°28	2°24	3°51	29°45	13°52	24°23	25°13	23° 2	24°27	3°12	n.a.	S 23
M24	7 34 25	25°25'54	17°51	24°48	5°42	2°48	3°52	29°52	13°54	24°22	25°11	22°58	24°24	3°19	n.a.	M24
T 25	7 38 22	26°26'00	29°54	26°41	6°57	3°12	3°52	29°59	13°57	24°21	25°10	22°53	24°20	3°26	n.a.	T 25
W26	7 42 18	27°26'05	11♑50	28°36	8°11	3°36	3°53	0♓ 6	13°59	24°21	25° 8	22°48	24°17	3°32	n.a.	W26
T 27	7 46 15	28°26'07	23°41	0♒30	9°25	4° 1	3°53	0°13	14° 2	24°20	25° 7	22°45	24°14	3°39	n.a.	T 27
F 28	7 50 11	29°26'07	5♒29	2°26	10°40	4°26	3°R53	0°20	14° 5	24°19	25° 5	22°42	24°11	3°46	n.a.	F 28
S 29	7 54 8	0♒26'06	17°16	4°22	11°54	4°51	3°53	0°27	14° 7	24°19	25° 4	22°D41	24° 8	3°52	n.a.	S 29
S 30	7 58 4	1°26'02	29° 5	6°19	13° 8	5°16	3°53	0°34	14°10	24°18	25° 2	22°41	24° 5	3°59	n.a.	S 30
M31	8 2 1	2♒25'55	10♓58	8♒17	14♑23	5♉41	3♎52	0♓41	14♓13	24♍17	25♋ 1	22♒42	24♒ 1	4♒ 6	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s48	19s42	1s21	24s 6	1s 4	21s21	0n30	11n28	1n44	0n13	1n28	14s37	2s14	7s25	0s45	4n 2	1n58	33n49	12n45	13s50	13s11	22s25		n.a.
S 2	23 47	15 13	0 18	24 22	1 10	21 36	0 28	11 34	1 44	0 11	1 28	14 35	2 13	7 25	0 44	4 2	1 58	33 50	12 45	13 50	13 12	22 23		n.a.
M 3	23 45	10 10	0n46	24 36	1 15	21 50	0 25	11 41	1 44	0 10	1 28	14 33	2 13	7 24	0 44	4 2	1 58	33 50	12 45	13 50	13 13	22 20		n.a.
T 4	23 43	4 42	1 48	24 48	1 21	22 4	0 22	11 47	1 45	0 8	1 28	14 31	2 13	7 23	0 44	4 2	1 58	33 51	12 46	13 50	13 14	22 18		n.a.
W 5	23 40	1n 0	2 47	25 0	1 26	22 17	0 20	11 54	1 45	0 7	1 29	14 29	2 13	7 22	0 44	4 2	1 58	33 51	12 46	13 49	13 15	22 16		n.a.
T 6	23 37	6 48	3 39	25 10	1 30	22 29	0 17	12 0	1 45	0 5	1 29	14 26	2 13	7 22	0 44	4 2	1 59	33 52	12 46	13 49	13 16	22 14		n.a.
F 7	23 33	12 29	4 22	25 18	1 35	22 41	0 14	12 7	1 45	0 4	1 29	14 24	2 13	7 21	0 44	4 2	1 59	33 52	12 46	13 49	13 18	22 11		n.a.
S 8	23 29	17 49	4 53	25 26	1 39	22 52	0 12	12 14	1 46	0 3	1 29	14 22	2 12	7 20	0 44	4 2	1 59	33 53	12 46	13 50	13 19	22 9		n.a.
S 9	23 24	22 27	5 8	25 31	1 43	23 2	0 9	12 21	1 46	0 1	1 30	14 20	2 12	7 19	0 44	4 3	1 59	33 53	12 47	13 52	13 20	22 7		n.a.
M10	23 19	25 58	5 6	25 35	1 46	23 12	0 6	12 29	1 46	0 0	1 30	14 18	2 12	7 19	0 44	4 3	1 59	33 54	12 47	13 54	13 21	22 4		n.a.
T 11	23 14	27 53	4 44	25 38	1 49	23 21	0 4	12 36	1 46	0s 1	1 30	14 15	2 12	7 18	0 44	4 3	1 59	33 54	12 47	13 56	13 22	22 2		n.a.
W12	23 8	27 50	4 2	25 39	1 52	23 29	0 1	12 43	1 46	0 2	1 30	14 13	2 12	7 17	0 44	4 3	1 59	33 55	12 47	13 58	13 23	22 0		n.a.
T 13	23 2	25 43	3 3	25 38	1 55	23 36	0s 2	12 51	1 46	0 3	1 31	14 11	2 12	7 16	0 44	4 3	1 59	33 55	12 47	14 0	13 24	21 57		n.a.
F 14	22 55	21 44	1 51	25 35	1 57	23 43	0 4	12 58	1 47	0 4	1 31	14 8	2 12	7 15	0 44	4 3	1 59	33 56	12 47	14 1	13 25	21 55		n.a.
S 15	22 48	16 20	0 31	25 30	1 58	23 49	0 7	13 6	1 47	0 4	1 31	14 6	2 12	7 14	0 44	4 4	1 59	33 56	12 48	14 2	13 26	21 53		n.a.
S 16	22 40	10 3	0s50	25 24	2 0	23 55	0 10	13 14	1 47	0 5	1 31	14 4	2 12	7 14	0 44	4 4	1 59	33 56	12 48	14 2	13 27	21 50		n.a.
M17	22 32	3 23	2 6	25 16	2 1	23 59	0 12	13 22	1 47	0 6	1 32	14 1	2 11	7 13	0 44	4 4	1 59	33 57	12 48	14 1	13 28	21 48		n.a.
T 18	22 23	3s15	3 11	25 6	2 1	24 3	0 15	13 30	1 47	0 6	1 32	13 59	2 11	7 12	0 44	4 4	1 59	33 57	12 48	14 1	13 29	21 46		n.a.
W19	22 14	9 32	4 4	24 53	2 1	24 6	0 17	13 38	1 47	0 7	1 32	13 56	2 11	7 11	0 44	4 4	1 59	33 58	12 48	14 0	13 31	21 43		n.a.
T 20	22 5	15 12	4 43	24 39	2 1	24 9	0 20	13 46	1 47	0 7	1 32	13 54	2 11	7 10	0 44	4 5	2 0	33 58	12 48	14 0	13 32	21 41		n.a.
F 21	21 55	20 4	5 6	24 23	2 0	24 10	0 22	13 54	1 47	0 8	1 33	13 51	2 11	7 9	0 44	4 5	2 0	33 59	12 48	14 1	13 33	21 39		n.a.
S 22	21 45	23 55	5 13	24 5	1 58	24 11	0 25	14 2	1 47	0 8	1 33	13 49	2 11	7 8	0 44	4 5	2 0	33 59	12 48	14 2	13 34	21 36		n.a.
S 23	21 34	26 36	5 5	23 44	1 56	24 11	0 27	14 10	1 47	0 8	1 33	13 46	2 11	7 7	0 44	4 6	2 0	33 59	12 48	14 3	13 35	21 34		n.a.
M24	21 23	27 58	4 44	23 22	1 54	24 11	0 29	14 19	1 47	0 8	1 33	13 44	2 11	7 6	0 44	4 6	2 0	34 0	12 49	14 5	13 36	21 31		n.a.
T 25	21 12	28 0	4 10	22 57	1 51	24 10	0 32	14 27	1 47	0 8	1 34	13 41	2 11	7 5	0 44	4 6	2 0	34 0	12 49	14 6	13 37	21 29		n.a.
W26	21 0	26 42	3 26	22 31	1 47	24 8	0 34	14 36	1 47	0 8	1 34	13 39	2 11	7 4	0 44	4 7	2 0	34 1	12 49	14 8	13 38	21 27		n.a.
T 27	20 48	24 13	2 33	22 2	1 43	24 5	0 36	14 44	1 47	0 8	1 34	13 36	2 10	7 3	0 44	4 7	2 0	34 1	12 49	14 9	13 39	21 24		n.a.
F 28	20 35	20 42	1 33	21 31	1 38	24 1	0 39	14 53	1 47	0 8	1 34	13 34	2 10	7 2	0 44	4 7	2 0	34 1	12 49	14 10	13 40	21 22		n.a.
S 29	20 23	16 23	0 30	20 58	1 32	23 57	0 41	15 1	1 47	0 7	1 35	13 31	2 10	7 1	0 44	4 8	2 0	34 2	12 49	14 10	13 41	21 19		n.a.
S 30	20 9	11 26	0n35	20 23	1 26	23 52	0 43	15 10	1 47	0 7	1 35	13 28	2 10	7 0	0 44	4 8	2 0	34 2	12 49	14 10	13 42	21 17		n.a.
M31	19s56	6s 3	1n39	19s46	1s20	23s46	0s45	15n19	1n47	0s 7	1n35	13s26	2s10	6s58	0s44	4n 8	2n 0	34n 2	12n49	14s10	13s43	21s15		n.a.

Julian Day Number = 1353251.5, Delta T = 07h05m26s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'29, Lahiri = -17°52'29 Julian Calendar 1 Jan. 1008 BCE == Greg. Calendar 22 Dec. 1009 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

FEBRUARY 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 5 58	3♒25'47	22♓57	10♒14	15♉37	6♉ 7	3°R52	0♓48	14♓16	24°R16	24°R59	22♒43	23♒58	4♒12	n.a.	T 1
W 2	8 9 54	4°25'36	5♈ 8	12°11	16°51	6°33	3♎51	0°55	14°18	24♍15	24♋58	22°45	23°55	4°19	n.a.	W 2
T 3	8 13 51	5°25'23	17°33	14° 9	18° 6	6°59	3°50	1° 2	14°21	24°14	24°56	22°46	23°52	4°26	n.a.	T 3
F 4	8 17 47	6°25'07	0♉17	16° 6	19°20	7°26	3°48	1°10	14°24	24°13	24°55	22°47	23°49	4°32	n.a.	F 4
S 5	8 21 44	7°24'49	13°23	18° 2	20°34	7°53	3°47	1°17	14°27	24°12	24°53	22°R47	23°46	4°39	n.a.	S 5
S 6	8 25 40	8°24'29	26°55	19°57	21°48	8°19	3°45	1°24	14°30	24°11	24°52	22°46	23°42	4°46	n.a.	S 6
M 7	8 29 37	9°24'06	10♊53	21°50	23° 3	8°46	3°44	1°31	14°33	24°10	24°50	22°45	23°39	4°52	n.a.	M 7
T 8	8 33 33	10°23'41	25°18	23°42	24°17	9°14	3°42	1°39	14°36	24° 9	24°49	22°44	23°36	4°59	n.a.	T 8
W 9	8 37 30	11°23'14	10♋ 6	25°31	25°31	9°41	3°40	1°46	14°39	24° 8	24°47	22°42	23°33	5° 6	n.a.	W 9
T 10	8 41 27	12°22'44	25°10	27°17	26°45	10° 9	3°37	1°54	14°42	24° 7	24°46	22°41	23°30	5°12	n.a.	T 10
F 11	8 45 23	13°22'12	10♌24	29° 1	27°59	10°37	3°35	2° 1	14°45	24° 6	24°44	22°40	23°26	5°19	n.a.	F 11
S 12	8 49 20	14°21'37	25°36	0♓40	29°14	11° 4	3°32	2° 8	14°48	24° 5	24°43	22°D40	23°23	5°26	n.a.	S 12
S 13	8 53 16	15°21'01	10♍37	2°16	0♒28	11°33	3°29	2°16	14°51	24° 4	24°41	22°41	23°20	5°32	n.a.	S 13
M14	8 57 13	16°20'22	25°19	3°46	1°42	12° 1	3°26	2°23	14°54	24° 3	24°40	22°41	23°17	5°39	n.a.	M14
T 15	9 1 9	17°19'41	9♎37	5°12	2°56	12°29	3°23	2°31	14°57	24° 1	24°39	22°42	23°14	5°46	n.a.	T 15
W16	9 5 6	18°18'59	23°28	6°33	4°10	12°58	3°19	2°39	15° 0	24° 0	24°37	22°42	23°11	5°52	n.a.	W16
T 17	9 9 2	19°18'14	6♏53	7°47	5°25	13°27	3°16	2°46	15° 3	23°59	24°36	22°42	23° 7	5°59	n.a.	T 17
F 18	9 12 59	20°17'28	19°52	8°56	6°39	13°56	3°12	2°54	15° 6	23°58	24°34	22°R42	23° 4	6° 5	n.a.	F 18
S 19	9 16 55	21°16'40	2♐30	9°58	7°53	14°25	3° 8	3° 1	15°10	23°56	24°33	22°42	23° 1	6°12	n.a.	S 19
S 20	9 20 52	22°15'50	14°50	10°54	9° 7	14°54	3° 4	3° 9	15°13	23°55	24°32	22°D42	22°58	6°19	n.a.	S 20
M21	9 24 49	23°14'58	26°55	11°42	10°21	15°24	3° 0	3°17	15°16	23°54	24°30	22°42	22°55	6°25	n.a.	M21
T 22	9 28 45	24°14'04	8♑51	12°24	11°35	15°53	2°55	3°24	15°19	23°52	24°29	22°42	22°51	6°32	n.a.	T 22
W23	9 32 42	25°13'08	20°41	12°59	12°49	16°23	2°51	3°32	15°22	23°51	24°28	22°43	22°48	6°39	n.a.	W23
T 24	9 36 38	26°12'10	2♒28	13°26	14° 4	16°53	2°46	3°40	15°26	23°50	24°27	22°43	22°45	6°45	n.a.	T 24
F 25	9 40 35	27°11'10	14°16	13°47	15°18	17°23	2°41	3°47	15°29	23°48	24°25	22°43	22°42	6°52	n.a.	F 25
S 26	9 44 31	28°10'08	26° 6	14° 0	16°32	17°53	2°36	3°55	15°32	23°47	24°24	22°R43	22°39	6°59	n.a.	S 26
S 27	9 48 28	29° 9'04	8♓ 0	14°R 6	17°46	18°23	2°31	4° 3	15°36	23°45	24°23	22°43	22°36	7° 5	n.a.	S 27
M28	9 52 24	0♓ 7'57	20♓ 2	14♓ 5	19♒ 0	18♉53	2♎26	4♓10	15♓39	23♍44	24♋22	22♒42	22♒32	7♒12	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s42	0s24	2n40	19s 7	1s12	23s40	0s47	15n27	1n47	0s 6	1n35	13s23	2s10	6s57	0s43	4n 9	2n 0	34n 3	12n49	14s 9	13s44	21s12		n.a.
W 2	19 27	5n20	3 34	18 26	1 4	23 33	0 49	15 36	1 47	0 6	1 36	13 20	2 10	6 56	0 43	4 9	2 0	34 3	12 49	14 9	13 46	21 10		n.a.
T 3	19 13	10 58	4 19	17 44	0 55	23 25	0 51	15 45	1 47	0 5	1 36	13 18	2 10	6 55	0 43	4 10	2 0	34 3	12 49	14 8	13 47	21 7		n.a.
F 4	18 58	16 18	4 53	17 0	0 46	23 17	0 53	15 54	1 47	0 4	1 36	13 15	2 10	6 54	0 43	4 10	2 0	34 4	12 49	14 8	13 48	21 5		n.a.
S 5	18 42	21 3	5 13	16 15	0 36	23 7	0 55	16 3	1 47	0 3	1 36	13 12	2 10	6 53	0 43	4 10	2 0	34 4	12 49	14 8	13 49	21 2		n.a.
S 6	18 27	24 53	5 16	15 28	0 26	22 57	0 57	16 11	1 47	0 3	1 37	13 10	2 10	6 52	0 43	4 11	2 1	34 4	12 49	14 8	13 50	21 0		n.a.
M 7	18 11	27 24	5 1	14 41	0 15	22 47	0 59	16 20	1 47	0 2	1 37	13 7	2 10	6 51	0 43	4 11	2 1	34 4	12 49	14 9	13 51	20 57		n.a.
T 8	17 55	28 11	4 27	13 53	0 3	22 35	1 0	16 29	1 47	0 1	1 37	13 4	2 10	6 49	0 43	4 12	2 1	34 5	12 49	14 9	13 52	20 55		n.a.
W 9	17 38	27 0	3 35	13 5	0n 9	22 23	1 2	16 38	1 47	0n 0	1 37	13 1	2 10	6 48	0 43	4 12	2 1	34 5	12 49	14 10	13 53	20 53		n.a.
T 10	17 21	23 50	2 27	12 16	0 21	22 11	1 4	16 47	1 47	0 2	1 37	12 59	2 10	6 47	0 43	4 13	2 1	34 5	12 49	14 10	13 54	20 50		n.a.
F 11	17 4	19 0	1 8	11 28	0 34	21 57	1 5	16 56	1 47	0 3	1 38	12 56	2 10	6 46	0 43	4 13	2 1	34 5	12 49	14 10	13 55	20 48		n.a.
S 12	16 47	12 56	0s16	10 41	0 47	21 43	1 7	17 4	1 47	0 4	1 38	12 53	2 9	6 45	0 43	4 14	2 1	34 6	12 49	14 10	13 56	20 45		n.a.
S 13	16 29	6 12	1 38	9 54	1 0	21 29	1 8	17 13	1 47	0 5	1 38	12 50	2 9	6 43	0 43	4 14	2 1	34 6	12 49	14 10	13 57	20 43		n.a.
M14	16 11	0s44	2 52	9 8	1 14	21 14	1 10	17 22	1 47	0 7	1 38	12 48	2 9	6 42	0 43	4 15	2 1	34 6	12 49	14 10	13 58	20 40		n.a.
T 15	15 53	7 25	3 52	8 24	1 27	20 58	1 11	17 31	1 46	0 8	1 39	12 45	2 9	6 41	0 43	4 15	2 1	34 6	12 48	14 10	13 59	20 38		n.a.
W16	15 35	13 32	4 38	7 42	1 40	20 41	1 13	17 40	1 46	0 10	1 39	12 42	2 9	6 40	0 43	4 16	2 1	34 7	12 48	14 10	14 0	20 35		n.a.
T 17	15 16	18 49	5 6	7 2	1 53	20 24	1 14	17 49	1 46	0 12	1 39	12 39	2 9	6 38	0 43	4 16	2 1	34 7	12 48	14 10	14 1	20 33		n.a.
F 18	14 57	23 4	5 17	6 25	2 5	20 7	1 15	17 57	1 46	0 13	1 39	12 36	2 9	6 37	0 43	4 17	2 1	34 7	12 48	14 10	14 3	20 30		n.a.
S 19	14 38	26 6	5 13	5 50	2 18	19 49	1 16	18 6	1 46	0 15	1 39	12 34	2 9	6 36	0 43	4 18	2 1	34 7	12 48	14 10	14 4	20 28		n.a.
S 20	14 19	27 49	4 55	5 18	2 29	19 30	1 17	18 15	1 46	0 17	1 40	12 31	2 9	6 35	0 43	4 18	2 1	34 7	12 48	14 10	14 5	20 25		n.a.
M21	13 59	28 10	4 23	4 49	2 40	19 11	1 18	18 23	1 46	0 19	1 40	12 28	2 9	6 33	0 43	4 19	2 1	34 7	12 48	14 10	14 6	20 23		n.a.
T 22	13 39	27 11	3 40	4 24	2 50	18 51	1 19	18 32	1 46	0 21	1 40	12 25	2 9	6 32	0 43	4 19	2 1	34 8	12 48	14 10	14 7	20 20		n.a.
W23	13 19	24 59	2 49	4 2	3 0	18 30	1 20	18 41	1 46	0 23	1 40	12 22	2 9	6 31	0 43	4 20	2 1	34 8	12 48	14 10	14 8	20 18		n.a.
T 24	12 59	21 42	1 50	3 43	3 8	18 10	1 21	18 49	1 45	0 25	1 40	12 20	2 9	6 29	0 43	4 20	2 1	34 8	12 48	14 10	14 9	20 15		n.a.
F 25	12 38	17 33	0 47	3 29	3 16	17 48	1 22	18 58	1 45	0 27	1 40	12 17	2 9	6 28	0 43	4 21	2 1	34 8	12 47	14 9	14 10	20 13		n.a.
S 26	12 18	12 44	0n19	3 18	3 22	17 26	1 22	19 7	1 45	0 29	1 41	12 14	2 9	6 27	0 43	4 22	2 1	34 8	12 47	14 9	14 11	20 10		n.a.
S 27	11 57	7 24	1 24	3 11	3 27	17 4	1 23	19 15	1 45	0 31	1 41	12 11	2 9	6 25	0 43	4 22	2 1	34 8	12 47	14 10	14 12	20 7		n.a.
M28	11s36	1s47	2n26	3s 8	3n30	16s41	1s24	19n23	1n45	0n34	1n41	12s 8	2s 9	6s24	0s43	4n23	2n 2	34n 8	12n47	14s10	14s13	20s 5		n.a.

Julian Day Number = 1353282.5, Delta T = 07h05m24s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'25, Lahiri = -17°52'24 Julian Calendar 1 Feb. 1008 BCE == Greg. Calendar 22 Jan. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

MARCH 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 56 21	1♓ 6'48	2♈12	13°R58	20♒14	19♉24	2°R20	4♓18	15♓42	23°R42	24°R20	22°R41	22♒29	7♒19	n.a.	T 1
W 2	10 0 18	2° 5'37	14°34	13♓44	21°28	19°55	2♎15	4°26	15°46	23♍41	24♋19	22♒40	22°26	7°25	n.a.	W 2
T 3	10 4 14	3° 4'24	27° 8	13°24	22°42	20°25	2° 9	4°33	15°49	23°39	24°18	22°39	22°23	7°32	n.a.	T 3
F 4	10 8 11	4° 3'08	9♉58	12°59	23°56	20°56	2° 3	4°41	15°52	23°38	24°17	22°38	22°20	7°39	n.a.	F 4
S 5	10 12 7	5° 1'50	23° 6	12°28	25°10	21°27	1°57	4°49	15°56	23°36	24°16	22°37	22°17	7°45	n.a.	S 5
S 6	10 16 4	6° 0'30	6♊33	11°54	26°24	21°58	1°51	4°57	15°59	23°35	24°15	22°D37	22°13	7°52	n.a.	S 6
M 7	10 20 0	6°59'07	20°21	11°16	27°38	22°29	1°45	5° 4	16° 2	23°33	24°14	22°37	22°10	7°59	n.a.	M 7
T 8	10 23 57	7°57'42	4♋30	10°35	28°52	23° 1	1°38	5°12	16° 6	23°32	24°13	22°38	22° 7	8° 5	n.a.	T 8
W 9	10 27 53	8°56'15	19° 0	9°53	0♓ 6	23°32	1°32	5°20	16° 9	23°30	24°12	22°39	22° 4	8°12	n.a.	W 9
T 10	10 31 50	9°54'45	3♌46	9° 9	1°20	24° 4	1°25	5°27	16°13	23°29	24°11	22°40	22° 1	8°18	n.a.	T 10
F 11	10 35 46	10°53'13	18°43	8°25	2°34	24°35	1°19	5°35	16°16	23°27	24°10	22°R41	21°57	8°25	n.a.	F 11
S 12	10 39 43	11°51'39	3♍44	7°41	3°48	25° 7	1°12	5°43	16°20	23°26	24° 9	22°40	21°54	8°32	n.a.	S 12
S 13	10 43 40	12°50'02	18°40	6°59	5° 2	25°39	1° 5	5°50	16°23	23°24	24° 8	22°39	21°51	8°38	n.a.	S 13
M14	10 47 36	13°48'24	3♎23	6°18	6°16	26°11	0°58	5°58	16°26	23°22	24° 7	22°37	21°48	8°45	n.a.	M14
T 15	10 51 33	14°46'44	17°46	5°41	7°30	26°43	0°51	6° 6	16°30	23°21	24° 6	22°34	21°45	8°52	n.a.	T 15
W16	10 55 29	15°45'02	1♏45	5° 6	8°44	27°15	0°44	6°13	16°33	23°19	24° 5	22°31	21°42	8°58	n.a.	W16
T 17	10 59 26	16°43'18	15°18	4°36	9°58	27°47	0°37	6°21	16°37	23°17	24° 5	22°28	21°38	9° 5	n.a.	T 17
F 18	11 3 22	17°41'33	28°24	4° 9	11°12	28°19	0°30	6°29	16°40	23°16	24° 4	22°25	21°35	9°12	n.a.	F 18
S 19	11 7 19	18°39'46	11♐ 5	3°47	12°25	28°52	0°22	6°36	16°43	23°14	24° 3	22°24	21°32	9°18	n.a.	S 19
S 20	11 11 15	19°37'58	23°27	3°29	13°39	29°24	0°15	6°44	16°47	23°13	24° 2	22°D24	21°29	9°25	n.a.	S 20
M21	11 15 12	20°36'07	5♑32	3°16	14°53	29°57	0° 8	6°52	16°50	23°11	24° 1	22°25	21°26	9°32	n.a.	M21
T 22	11 19 9	21°34'16	17°27	3° 9	16° 7	0♊29	0° 0	6°59	16°54	23° 9	24° 1	22°26	21°23	9°38	n.a.	T 22
W23	11 23 5	22°32'22	29°15	3°D 6	17°21	1° 2	29♍53	7° 7	16°57	23° 8	24° 0	22°28	21°19	9°45	n.a.	W23
T 24	11 27 2	23°30'27	11♒ 2	3° 8	18°35	1°35	29°45	7°14	17° 1	23° 6	23°59	22°30	21°16	9°52	n.a.	T 24
F 25	11 30 58	24°28'31	22°51	3°14	19°49	2° 8	29°38	7°22	17° 4	23° 4	23°59	22°R30	21°13	9°58	n.a.	F 25
S 26	11 34 55	25°26'33	4♓46	3°26	21° 3	2°40	29°30	7°29	17° 7	23° 3	23°58	22°29	21°10	10° 5	n.a.	S 26
S 27	11 38 51	26°24'33	16°49	3°42	22°16	3°13	29°22	7°37	17°11	23° 1	23°58	22°27	21° 7	10°12	n.a.	S 27
M28	11 42 48	27°22'31	29° 3	4° 3	23°30	3°47	29°15	7°44	17°14	23° 0	23°57	22°23	21° 3	10°18	n.a.	M28
T 29	11 46 44	28°20'27	11♈29	4°28	24°44	4°20	29° 7	7°51	17°18	22°58	23°57	22°18	21° 0	10°25	n.a.	T 29
W30	11 50 41	29°18'22	24° 8	4°57	25°58	4°53	28°59	7°59	17°21	22°56	23°56	22°11	20°57	10°31	n.a.	W30
T 31	11 54 37	0♈16'15	7♉ 0	5♓31	27♓12	5♊26	28♍52	8♓ 6	17♓24	22♍55	23♋56	22♒ 5	20♒54	10♒38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11s15	3n58	3n22	3s 9	3n32	16s18	1s24	19n32	1n45	0n36	1n41	12s 5	2s 9	6s23	0s43	4n24	2n 2	34n 8	12n47	14s10	14s14	20s 2			n.a.
W 2	10 54	9 39	4 10	3 14	3 33	15 54	1 25	19 40	1 45	0 38	1 41	12 2	2 9	6 21	0 43	4 24	2 2	34 8	12 47	14 11	14 15	20 0			n.a.
T 3	10 32	15 3	4 46	3 22	3 32	15 30	1 25	19 48	1 44	0 41	1 41	12 0	2 9	6 20	0 43	4 25	2 2	34 8	12 46	14 11	14 16	19 57			n.a.
F 4	10 11	19 55	5 9	3 34	3 30	15 6	1 25	19 57	1 44	0 43	1 42	11 57	2 9	6 19	0 43	4 25	2 2	34 8	12 46	14 11	14 17	19 55			n.a.
S 5	9 49	23 56	5 17	3 49	3 26	14 41	1 26	20 5	1 44	0 46	1 42	11 54	2 9	6 17	0 43	4 26	2 2	34 8	12 46	14 12	14 18	19 52			n.a.
S 6	9 27	26 47	5 8	4 8	3 20	14 15	1 26	20 13	1 44	0 48	1 42	11 51	2 9	6 16	0 43	4 27	2 2	34 8	12 46	14 12	14 19	19 49			n.a.
M 7	9 5	28 7	4 41	4 29	3 13	13 50	1 26	20 21	1 44	0 51	1 42	11 48	2 10	6 15	0 43	4 27	2 2	34 9	12 46	14 12	14 20	19 47			n.a.
T 8	8 43	27 40	3 56	4 53	3 4	13 24	1 26	20 29	1 44	0 54	1 42	11 45	2 10	6 13	0 43	4 28	2 2	34 9	12 46	14 11	14 21	19 44			n.a.
W 9	8 21	25 21	2 56	5 19	2 54	12 57	1 26	20 37	1 43	0 56	1 42	11 42	2 10	6 12	0 43	4 29	2 2	34 9	12 45	14 11	14 22	19 42			n.a.
T 10	7 58	21 17	1 43	5 46	2 42	12 30	1 26	20 45	1 43	0 59	1 42	11 40	2 10	6 11	0 43	4 29	2 2	34 9	12 45	14 11	14 24	19 39			n.a.
F 11	7 36	15 48	0 22	6 14	2 29	12 3	1 26	20 53	1 43	1 2	1 42	11 37	2 10	6 9	0 43	4 30	2 2	34 8	12 45	14 10	14 25	19 37			n.a.
S 12	7 13	9 21	1s 1	6 44	2 16	11 36	1 26	21 0	1 43	1 5	1 42	11 34	2 10	6 8	0 43	4 31	2 2	34 8	12 45	14 10	14 26	19 34			n.a.
S 13	6 51	2 26	2 19	7 13	2 1	11 8	1 26	21 8	1 43	1 7	1 42	11 31	2 10	6 7	0 43	4 31	2 2	34 8	12 44	14 11	14 27	19 31			n.a.
M14	6 28	4s31	3 26	7 42	1 46	10 40	1 25	21 16	1 42	1 10	1 43	11 28	2 10	6 5	0 43	4 32	2 2	34 8	12 44	14 12	14 28	19 29			n.a.
T 15	6 5	11 3	4 19	8 11	1 30	10 12	1 25	21 23	1 42	1 13	1 43	11 25	2 10	6 4	0 43	4 33	2 2	34 8	12 44	14 13	14 29	19 26			n.a.
W16	5 42	16 52	4 55	8 38	1 14	9 43	1 24	21 30	1 42	1 16	1 43	11 23	2 10	6 3	0 43	4 33	2 2	34 8	12 44	14 14	14 30	19 24			n.a.
T 17	5 19	21 39	5 12	9 5	0 58	9 15	1 24	21 38	1 42	1 19	1 43	11 20	2 10	6 1	0 43	4 34	2 2	34 8	12 44	14 15	14 31	19 21			n.a.
F 18	4 56	25 12	5 13	9 30	0 42	8 46	1 23	21 45	1 42	1 22	1 43	11 17	2 10	6 0	0 43	4 35	2 2	34 8	12 43	14 15	14 32	19 18			n.a.
S 19	4 33	27 23	4 58	9 53	0 25	8 17	1 23	21 52	1 41	1 25	1 43	11 14	2 10	5 59	0 43	4 35	2 2	34 8	12 43	14 16	14 33	19 16			n.a.
S 20	4 10	28 9	4 30	10 14	0 10	7 47	1 22	21 59	1 41	1 28	1 43	11 11	2 10	5 57	0 43	4 36	2 2	34 8	12 43	14 16	14 34	19 13			n.a.
M21	3 47	27 32	3 50	10 33	0s 6	7 17	1 21	22 6	1 41	1 31	1 43	11 9	2 10	5 56	0 43	4 37	2 2	34 8	12 43	14 16	14 35	19 10			n.a.
T 22	3 24	25 39	3 1	10 50	0 21	6 48	1 21	22 13	1 41	1 34	1 43	11 6	2 10	5 55	0 43	4 37	2 2	34 8	12 42	14 15	14 36	19 8			n.a.
W23	3 0	22 39	2 4	11 5	0 36	6 18	1 20	22 20	1 41	1 37	1 43	11 3	2 10	5 53	0 43	4 38	2 2	34 8	12 42	14 14	14 37	19 5			n.a.
T 24	2 37	18 44	1 3	11 17	0 50	5 47	1 19	22 26	1 40	1 40	1 43	11 0	2 11	5 52	0 43	4 38	2 2	34 7	12 42	14 14	14 38	19 2			n.a.
F 25	2 14	14 5	0n 2	11 27	1 3	5 17	1 18	22 33	1 40	1 43	1 43	10 57	2 11	5 50	0 43	4 39	2 2	34 7	12 42	14 14	14 39	19 0			n.a.
S 26	1 50	8 53	1 7	11 35	1 15	4 47	1 17	22 39	1 40	1 46	1 43	10 55	2 11	5 49	0 43	4 40	2 2	34 7	12 41	14 14	14 40	18 57			n.a.
S 27	1 27	3 18	2 9	11 40	1 27	4 16	1 16	22 46	1 40	1 49	1 43	10 52	2 11	5 48	0 43	4 40	2 2	34 7	12 41	14 15	14 41	18 54			n.a.
M28	1 4	2n28	3 6	11 42	1 39	3 45	1 15	22 52	1 40	1 52	1 43	10 49	2 11	5 46	0 43	4 41	2 2	34 7	12 41	14 16	14 42	18 52			n.a.
T 29	0 40	8 13	3 56	11 43	1 49	3 15	1 13	22 58	1 39	1 55	1 43	10 47	2 11	5 45	0 43	4 42	2 2	34 7	12 40	14 18	14 43	18 49			n.a.
W30	0 17	13 44	4 34	11 41	1 59	2 44	1 12	23 4	1 39	1 59	1 43	10 44	2 11	5 44	0 43	4 42	2 2	34 6	12 40	14 20	14 44	18 46			n.a.
T 31	0n 7	18n46	5n 0	11s36	2s 7	2s13	1s11	23n10	1n39	2n 2	1n43	10s41	2s11	5s42	0s43	4n43	2n 2	34n 6	12n40	14s22	14s45	18s44			n.a.

Julian Day Number = 1353310.5, Delta T = 07h05m23s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'21, Lahiri = -17°52'21 Julian Calendar 1 March 1008 BCE == Greg. Calendar 19 Feb. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

APRIL 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 58 34	1♈14'06	20♉ 5	6♓ 8	28♓26	6♊ 0	28°R44	8♓14	17♓28	22°R53	23°R55	21°R59	20♒51	10♒45	n.a.	F 1
S 2	12 2 31	2°11'56	3♊24	6°50	29°39	6°33	28♍36	8°21	17°31	22♍52	23♋55	21♒55	20°48	10°51	n.a.	S 2
S 3	12 6 27	3° 9'44	16°56	7°34	0♈53	7° 7	28°29	8°28	17°34	22°50	23°55	21°52	20°44	10°58	n.a.	S 3
M 4	12 10 24	4° 7'30	0♋43	8°23	2° 7	7°40	28°21	8°35	17°38	22°48	23°54	21°D50	20°41	11° 5	n.a.	M 4
T 5	12 14 20	5° 5'14	14°43	9°15	3°21	8°14	28°14	8°43	17°41	22°47	23°54	21°51	20°38	11°11	n.a.	T 5
W 6	12 18 17	6° 2'56	28°56	10°10	4°35	8°48	28° 6	8°50	17°44	22°45	23°54	21°52	20°35	11°18	n.a.	W 6
T 7	12 22 13	7° 0'36	13♌22	11° 8	5°48	9°22	27°59	8°57	17°48	22°44	23°53	21°53	20°32	11°25	n.a.	T 7
F 8	12 26 10	7°58'15	27°55	12° 9	7° 2	9°56	27°51	9° 4	17°51	22°42	23°53	21°R53	20°28	11°31	n.a.	F 8
S 9	12 30 6	8°55'51	12♍34	13°14	8°16	10°29	27°44	9°11	17°54	22°40	23°53	21°51	20°25	11°38	n.a.	S 9
S 10	12 34 3	9°53'27	27°11	14°21	9°30	11° 3	27°36	9°18	17°57	22°39	23°53	21°48	20°22	11°45	n.a.	S 10
M11	12 38 0	10°51'00	11♎39	15°31	10°43	11°38	27°29	9°25	18° 0	22°37	23°53	21°42	20°19	11°51	n.a.	M11
T 12	12 41 56	11°48'33	25°54	16°44	11°57	12°12	27°22	9°32	18° 4	22°36	23°53	21°34	20°16	11°58	n.a.	T 12
W13	12 45 53	12°46'04	9♏49	17°59	13°11	12°46	27°15	9°39	18° 7	22°34	23°53	21°26	20°13	12° 4	n.a.	W13
T 14	12 49 49	13°43'34	23°20	19°17	14°24	13°20	27° 8	9°46	18°10	22°33	23°53	21°18	20° 9	12°11	n.a.	T 14
F 15	12 53 46	14°41'03	6♐28	20°38	15°38	13°54	27° 1	9°53	18°13	22°31	23°D53	21°11	20° 6	12°18	n.a.	F 15
S 16	12 57 42	15°38'31	19°12	22° 1	16°52	14°29	26°54	9°59	18°16	22°30	23°53	21° 6	20° 3	12°24	n.a.	S 16
S 17	13 1 39	16°35'58	1♑35	23°26	18° 6	15° 3	26°47	10° 6	18°19	22°28	23°53	21° 3	20° 0	12°31	n.a.	S 17
M18	13 5 35	17°33'24	13°42	24°54	19°19	15°38	26°40	10°13	18°23	22°27	23°53	21°D 1	19°57	12°38	n.a.	M18
T 19	13 9 32	18°30'49	25°37	26°25	20°33	16°12	26°33	10°20	18°26	22°26	23°53	21° 1	19°54	12°44	n.a.	T 19
W20	13 13 29	19°28'13	7♒26	27°58	21°47	16°47	26°27	10°26	18°29	22°24	23°53	21° 2	19°50	12°51	n.a.	W20
T 21	13 17 25	20°25'37	19°14	29°33	23° 0	17°21	26°20	10°33	18°32	22°23	23°53	21°R 3	19°47	12°58	n.a.	T 21
F 22	13 21 22	21°22'59	1♓ 6	1♈11	24°14	17°56	26°14	10°39	18°35	22°21	23°53	21° 2	19°44	13° 4	n.a.	F 22
S 23	13 25 18	22°20'21	13° 6	2°51	25°28	18°31	26° 8	10°46	18°38	22°20	23°54	21° 0	19°41	13°11	n.a.	S 23
S 24	13 29 15	23°17'41	25°19	4°33	26°41	19° 6	26° 2	10°52	18°41	22°19	23°54	20°55	19°38	13°18	n.a.	S 24
M25	13 33 11	24°15'01	7♈46	6°18	27°55	19°40	25°56	10°59	18°44	22°17	23°54	20°48	19°34	13°24	n.a.	M25
T 26	13 37 8	25°12'20	20°28	8° 5	29° 9	20°15	25°50	11° 5	18°47	22°16	23°55	20°39	19°31	13°31	n.a.	T 26
W27	13 41 4	26° 9'38	3♉27	9°55	0♉22	20°50	25°44	11°11	18°49	22°15	23°55	20°28	19°28	13°38	n.a.	W27
T 28	13 45 1	27° 6'55	16°42	11°46	1°36	21°25	25°38	11°17	18°52	22°13	23°55	20°17	19°25	13°44	n.a.	T 28
F 29	13 48 58	28° 4'12	0♊ 9	13°40	2°50	22° 1	25°33	11°23	18°55	22°12	23°56	20° 7	19°22	13°51	n.a.	F 29
S 30	13 52 54	29♈ 1'27	13♊48	15♈37	4♉ 3	22♊36	25♍27	11♓29	18♓58	22♍11	23♋56	19♒58	19♒19	13♒57	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n30	23n 0	5n10	11s30	2s15	1s42	1s 9	23n16	1n39	2n 5	1n43	10s38	2s11	5s41	0s43	4n44	2n 2	34n 6	12n40	14s24	14s46	18s41		n.a.
S 2	0 53	26 8	5 4	11 21	2 23	1 11	1 8	23 22	1 38	2 8	1 43	10 36	2 11	5 40	0 43	4 44	2 2	34 6	12 39	14 26	14 47	18 38		n.a.
S 3	1 17	27 50	4 41	11 10	2 29	0 39	1 7	23 27	1 38	2 11	1 43	10 33	2 12	5 38	0 43	4 45	2 2	34 6	12 39	14 27	14 48	18 36		n.a.
M 4	1 40	27 51	4 2	10 57	2 35	0 8	1 5	23 33	1 38	2 14	1 42	10 30	2 12	5 37	0 43	4 46	2 2	34 5	12 39	14 27	14 49	18 33		n.a.
T 5	2 3	26 6	3 8	10 42	2 40	0n23	1 4	23 38	1 38	2 17	1 42	10 28	2 12	5 36	0 43	4 46	2 2	34 5	12 38	14 27	14 50	18 30		n.a.
W 6	2 26	22 40	2 1	10 24	2 45	0 54	1 2	23 43	1 37	2 20	1 42	10 25	2 12	5 35	0 43	4 47	2 2	34 5	12 38	14 26	14 51	18 28		n.a.
T 7	2 49	17 48	0 46	10 5	2 48	1 25	1 0	23 48	1 37	2 23	1 42	10 23	2 12	5 33	0 43	4 48	2 2	34 5	12 38	14 26	14 53	18 25		n.a.
F 8	3 13	11 52	0s33	9 44	2 51	1 56	0 59	23 53	1 37	2 25	1 42	10 20	2 12	5 32	0 43	4 48	2 2	34 5	12 38	14 26	14 54	18 22		n.a.
S 9	3 36	5 16	1 49	9 21	2 53	2 27	0 57	23 58	1 37	2 28	1 42	10 17	2 12	5 31	0 43	4 49	2 2	34 4	12 37	14 27	14 55	18 19		n.a.
S 10	3 59	1s35	2 59	8 56	2 55	2 59	0 55	24 3	1 36	2 31	1 42	10 15	2 13	5 29	0 43	4 49	2 2	34 4	12 37	14 28	14 56	18 17		n.a.
M11	4 22	8 17	3 56	8 29	2 55	3 30	0 53	24 7	1 36	2 34	1 42	10 12	2 13	5 28	0 43	4 50	2 2	34 4	12 37	14 30	14 57	18 14		n.a.
T 12	4 44	14 27	4 37	8 0	2 56	4 0	0 52	24 12	1 36	2 37	1 42	10 10	2 13	5 27	0 43	4 51	2 2	34 3	12 36	14 32	14 58	18 11		n.a.
W13	5 7	19 43	5 1	7 30	2 55	4 31	0 50	24 16	1 36	2 40	1 41	10 7	2 13	5 26	0 43	4 51	2 2	34 3	12 36	14 35	14 59	18 9		n.a.
T 14	5 30	23 50	5 7	6 58	2 54	5 2	0 48	24 20	1 35	2 42	1 41	10 5	2 13	5 24	0 43	4 52	2 2	34 3	12 36	14 37	15 0	18 6		n.a.
F 15	5 53	26 35	4 56	6 24	2 52	5 33	0 46	24 24	1 35	2 45	1 41	10 2	2 13	5 23	0 43	4 52	2 2	34 3	12 35	14 40	15 1	18 3		n.a.
S 16	6 15	27 52	4 31	5 48	2 49	6 3	0 44	24 28	1 35	2 48	1 41	10 0	2 13	5 22	0 43	4 53	2 2	34 2	12 35	14 41	15 2	18 0		n.a.
S 17	6 37	27 42	3 54	5 11	2 46	6 34	0 42	24 32	1 35	2 50	1 41	9 57	2 14	5 21	0 43	4 53	2 2	34 2	12 35	14 43	15 3	17 58		n.a.
M18	7 0	26 12	3 7	4 32	2 43	7 4	0 40	24 36	1 34	2 53	1 41	9 55	2 14	5 19	0 43	4 54	2 2	34 2	12 35	14 43	15 4	17 55		n.a.
T 19	7 22	23 31	2 12	3 52	2 38	7 34	0 38	24 39	1 34	2 55	1 41	9 52	2 14	5 18	0 43	4 55	2 2	34 1	12 34	14 43	15 5	17 52		n.a.
W20	7 44	19 52	1 12	3 10	2 33	8 4	0 35	24 42	1 34	2 58	1 40	9 50	2 14	5 17	0 43	4 55	2 2	34 1	12 34	14 43	15 6	17 49		n.a.
T 21	8 6	15 27	0 10	2 26	2 28	8 34	0 33	24 46	1 34	3 0	1 40	9 48	2 14	5 16	0 43	4 56	2 2	34 1	12 34	14 42	15 7	17 47		n.a.
F 22	8 28	10 25	0n54	1 41	2 22	9 4	0 31	24 49	1 33	3 3	1 40	9 45	2 14	5 15	0 43	4 56	2 2	34 0	12 33	14 43	15 8	17 44		n.a.
S 23	8 50	4 58	1 55	0 55	2 15	9 33	0 29	24 51	1 33	3 5	1 40	9 43	2 15	5 14	0 43	4 57	2 2	34 0	12 33	14 43	15 9	17 41		n.a.
S 24	9 11	0n44	2 52	0 7	2 8	10 2	0 27	24 54	1 33	3 7	1 40	9 41	2 15	5 12	0 43	4 57	2 2	34 0	12 33	14 45	15 10	17 38		n.a.
M25	9 33	6 31	3 42	0n42	2 1	10 31	0 24	24 57	1 33	3 10	1 39	9 38	2 15	5 11	0 43	4 58	2 2	33 59	12 32	14 47	15 11	17 35		n.a.
T 26	9 54	12 9	4 22	1 32	1 53	11 0	0 22	24 59	1 32	3 12	1 39	9 36	2 15	5 10	0 43	4 58	2 1	33 59	12 32	14 50	15 12	17 33		n.a.
W27	10 15	17 23	4 50	2 24	1 44	11 28	0 20	25 1	1 32	3 14	1 39	9 34	2 15	5 9	0 43	4 59	2 1	33 58	12 32	14 54	15 13	17 30		n.a.
T 28	10 36	21 54	5 2	3 16	1 35	11 57	0 18	25 4	1 32	3 16	1 39	9 32	2 15	5 8	0 43	4 59	2 1	33 58	12 31	14 57	15 14	17 27		n.a.
F 29	10 57	25 21	4 58	4 10	1 26	12 25	0 15	25 6	1 31	3 18	1 38	9 29	2 16	5 7	0 43	5 0	2 1	33 58	12 31	15 1	15 15	17 24		n.a.
S 30	11n18	27n24	4n37	5n 4	1s16	12n52	0s13	25n 7	1n31	3n20	1n38	9s27	2s16	5s 6	0s43	5n 0	2n 1	33n57	12n31	15s 3	15s16	17s22		n.a.

Julian Day Number = 1353341.5, Delta T = 07h05m22s
Ecliptic obliquity = 23°49'03, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'17, Lahiri = -17°52'16 Julian Calendar 1 Apr. 1008 BCE == Greg. Calendar 22 March 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

MAY 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 51	29♈58'41	27♊37	17♈35	5♉17	23♊11	25°R22	11♓35	19♓ 1	22°R10	23♋57	19°R52	19♒15	14♒ 4	n.a.	S 1
M 2	14 0 47	0♉55'55	11♋32	19°36	6°31	23°46	25♍17	11°41	19° 3	22♍ 9	23°57	19♒48	19°12	14°11	n.a.	M 2
T 3	14 4 44	1°53'07	25°34	21°38	7°44	24°21	25°12	11°47	19° 6	22° 7	23°58	19°47	19° 9	14°17	n.a.	T 3
W 4	14 8 40	2°50'18	9♌40	23°42	8°58	24°57	25° 7	11°53	19° 9	22° 6	23°58	19°D47	19° 6	14°24	n.a.	W 4
T 5	14 12 37	3°47'29	23°51	25°48	10°12	25°32	25° 3	11°59	19°12	22° 5	23°59	19°R47	19° 3	14°31	n.a.	T 5
F 6	14 16 33	4°44'38	8♍ 5	27°56	11°25	26° 8	24°58	12° 5	19°14	22° 4	23°59	19°46	19° 0	14°37	n.a.	F 6
S 7	14 20 30	5°41'46	22°19	0♎ 4	12°39	26°43	24°54	12°10	19°17	22° 3	24° 0	19°43	18°56	14°44	n.a.	S 7
S 8	14 24 27	6°38'54	6♎31	2°14	13°53	27°19	24°50	12°16	19°19	22° 2	24° 1	19°37	18°53	14°51	n.a.	S 8
M 9	14 28 23	7°36'00	20°36	4°25	15° 6	27°54	24°46	12°21	19°22	22° 1	24° 1	19°29	18°50	14°57	n.a.	M 9
T 10	14 32 20	8°33'07	4♏30	6°36	16°20	28°30	24°42	12°27	19°24	22° 0	24° 2	19°18	18°47	15° 4	n.a.	T 10
W11	14 36 16	9°30'13	18° 9	8°47	17°33	29° 6	24°38	12°32	19°27	21°59	24° 3	19° 6	18°44	15°11	n.a.	W11
T 12	14 40 13	10°27'18	1♐29	10°59	18°47	29°41	24°35	12°38	19°29	21°58	24° 4	18°55	18°40	15°17	n.a.	T 12
F 13	14 44 9	11°24'23	14°30	13°10	20° 1	0♋17	24°31	12°43	19°32	21°57	24° 5	18°44	18°37	15°24	n.a.	F 13
S 14	14 48 6	12°21'29	27°10	15°20	21°14	0°53	24°28	12°48	19°34	21°56	24° 5	18°36	18°34	15°31	n.a.	S 14
S 15	14 52 3	13°18'34	9♑31	17°30	22°28	1°29	24°25	12°53	19°36	21°55	24° 6	18°30	18°31	15°37	n.a.	S 15
M16	14 55 59	14°15'38	21°37	19°39	23°41	2° 5	24°22	12°58	19°39	21°54	24° 7	18°26	18°28	15°44	n.a.	M16
T 17	14 59 56	15°12'43	3♒33	21°47	24°55	2°41	24°20	13° 3	19°41	21°53	24° 8	18°25	18°25	15°50	n.a.	T 17
W18	15 3 52	16° 9'48	15°22	23°53	26° 9	3°17	24°17	13° 8	19°43	21°53	24° 9	18°24	18°21	15°57	n.a.	W18
T 19	15 7 49	17° 6'53	27°11	25°58	27°22	3°53	24°15	13°13	19°45	21°52	24°10	18°24	18°18	16° 4	n.a.	T 19
F 20	15 11 45	18° 3'58	9♓ 5	28° 1	28°36	4°29	24°13	13°17	19°48	21°51	24°11	18°23	18°15	16°10	n.a.	F 20
S 21	15 15 42	19° 1'03	21° 9	0♊ 2	29°49	5° 5	24°11	13°22	19°50	21°50	24°12	18°20	18°12	16°17	n.a.	S 21
S 22	15 19 38	19°58'08	3♈27	2° 2	1♊ 3	5°41	24° 9	13°27	19°52	21°50	24°13	18°15	18° 9	16°24	n.a.	S 22
M23	15 23 35	20°55'13	16° 4	3°59	2°17	6°17	24° 7	13°31	19°54	21°49	24°14	18° 7	18° 5	16°30	n.a.	M23
T 24	15 27 32	21°52'18	29° 1	5°55	3°30	6°54	24° 6	13°35	19°56	21°48	24°15	17°57	18° 2	16°37	n.a.	T 24
W25	15 31 28	22°49'24	12♉18	7°49	4°44	7°30	24° 5	13°40	19°58	21°48	24°16	17°46	17°59	16°44	n.a.	W25
T 26	15 35 25	23°46'30	25°54	9°40	5°57	8° 6	24° 4	13°44	20° 0	21°47	24°18	17°34	17°56	16°50	n.a.	T 26
F 27	15 39 21	24°43'35	9♊46	11°30	7°11	8°43	24° 3	13°48	20° 2	21°47	24°19	17°22	17°53	16°57	n.a.	F 27
S 28	15 43 18	25°40'41	23°50	13°17	8°25	9°19	24° 2	13°52	20° 4	21°46	24°20	17°13	17°50	17° 4	n.a.	S 28
S 29	15 47 14	26°37'47	8♋ 1	15° 3	9°38	9°56	24° 2	13°56	20° 5	21°46	24°21	17° 6	17°46	17°10	n.a.	S 29
M30	15 51 11	27°34'53	22°16	16°46	10°52	10°32	24° 1	14° 0	20° 7	21°45	24°23	17° 2	17°43	17°17	n.a.	M30
T 31	15 55 8	28♉31'59	6♌30	18♊28	12♊ 5	11♋ 9	24°D 1	14♓ 4	20♓ 9	21♍45	24♋24	17♒ 0	17♒40	17♒24	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	11n38	27n48	4n 0	5n59	1s 6	13n19	0s10	25n 9	1n31	3n22	1n38	9s25	2s16	5s 5	0s43	5n 1	2n 1	33n57	12n31	15s 5	15s17	17s19			n.a.
M 2	11 59	26 26	3 8	6 55	0 56	13 46	0 8	25 11	1 31	3 24	1 38	9 23	2 16	5 3	0 43	5 1	2 1	33 57	12 30	15 6	15 18	17 16			n.a.
T 3	12 19	23 25	2 5	7 52	0 45	14 13	0 6	25 12	1 30	3 25	1 38	9 21	2 16	5 2	0 43	5 1	2 1	33 56	12 30	15 7	15 19	17 13			n.a.
W 4	12 39	18 58	0 53	8 48	0 35	14 39	0 3	25 13	1 30	3 27	1 37	9 19	2 17	5 1	0 43	5 2	2 1	33 56	12 30	15 7	15 20	17 10			n.a.
T 5	12 59	13 26	0s22	9 45	0 24	15 5	0 1	25 14	1 30	3 29	1 37	9 17	2 17	5 0	0 43	5 2	2 1	33 55	12 29	15 7	15 21	17 8			n.a.
F 6	13 18	7 12	1 35	10 42	0 13	15 31	0n 1	25 15	1 29	3 30	1 37	9 15	2 17	4 59	0 43	5 3	2 1	33 55	12 29	15 7	15 22	17 5			n.a.
S 7	13 38	0 36	2 43	11 38	0 3	15 56	0 4	25 16	1 29	3 32	1 36	9 13	2 17	4 58	0 43	5 3	2 1	33 55	12 29	15 8	15 23	17 2			n.a.
S 8	13 57	6s 0	3 41	12 34	0n 8	16 21	0 6	25 16	1 29	3 33	1 36	9 11	2 18	4 57	0 43	5 3	2 1	33 54	12 28	15 10	15 24	16 59			n.a.
M 9	14 16	12 14	4 24	13 29	0 19	16 45	0 9	25 17	1 29	3 35	1 36	9 9	2 18	4 56	0 43	5 4	2 1	33 54	12 28	15 13	15 25	16 56			n.a.
T 10	14 35	17 46	4 51	14 23	0 29	17 9	0 11	25 17	1 28	3 36	1 36	9 7	2 18	4 55	0 43	5 4	2 1	33 53	12 28	15 16	15 26	16 53			n.a.
W11	14 53	22 19	5 1	15 16	0 39	17 33	0 13	25 17	1 28	3 37	1 35	9 5	2 18	4 54	0 43	5 5	2 1	33 53	12 28	15 20	15 27	16 51			n.a.
T 12	15 11	25 34	4 54	16 7	0 48	17 56	0 16	25 17	1 28	3 38	1 35	9 3	2 18	4 53	0 43	5 5	2 1	33 52	12 27	15 23	15 28	16 48			n.a.
F 13	15 29	27 24	4 31	16 57	0 58	18 19	0 18	25 16	1 27	3 39	1 35	9 1	2 19	4 52	0 43	5 5	2 1	33 52	12 27	15 27	15 29	16 45			n.a.
S 14	15 47	27 43	3 56	17 45	1 6	18 41	0 20	25 16	1 27	3 40	1 35	8 59	2 19	4 51	0 44	5 5	2 1	33 51	12 27	15 29	15 30	16 42			n.a.
S 15	16 5	26 38	3 10	18 31	1 14	19 3	0 23	25 15	1 27	3 41	1 34	8 58	2 19	4 51	0 44	5 6	2 1	33 51	12 26	15 31	15 31	16 39			n.a.
M16	16 22	24 18	2 17	19 14	1 22	19 24	0 25	25 14	1 26	3 42	1 34	8 56	2 19	4 50	0 44	5 6	2 1	33 51	12 26	15 32	15 32	16 36			n.a.
T 17	16 39	20 56	1 18	19 55	1 29	19 44	0 27	25 13	1 26	3 43	1 34	8 54	2 20	4 49	0 44	5 6	2 1	33 50	12 26	15 33	15 33	16 34			n.a.
W18	16 56	16 44	0 16	20 34	1 35	20 5	0 30	25 12	1 26	3 44	1 33	8 53	2 20	4 48	0 44	5 7	2 1	33 50	12 26	15 33	15 34	16 31			n.a.
T 19	17 13	11 55	0n46	21 11	1 41	20 24	0 32	25 11	1 25	3 44	1 33	8 51	2 20	4 47	0 44	5 7	2 0	33 49	12 25	15 33	15 35	16 28			n.a.
F 20	17 29	6 38	1 47	21 45	1 46	20 43	0 34	25 9	1 25	3 45	1 33	8 49	2 20	4 46	0 44	5 7	2 0	33 49	12 25	15 33	15 36	16 25			n.a.
S 21	17 45	1 3	2 44	22 16	1 50	21 2	0 37	25 8	1 25	3 45	1 32	8 48	2 21	4 45	0 44	5 7	2 0	33 48	12 25	15 34	15 37	16 22			n.a.
S 22	18 1	4n40	3 34	22 45	1 53	21 20	0 39	25 6	1 25	3 46	1 32	8 46	2 21	4 45	0 44	5 8	2 0	33 48	12 24	15 36	15 38	16 19			n.a.
M23	18 16	10 20	4 15	23 11	1 56	21 37	0 41	25 4	1 24	3 46	1 32	8 45	2 21	4 44	0 44	5 8	2 0	33 47	12 24	15 38	15 39	16 16			n.a.
T 24	18 31	15 43	4 45	23 34	1 58	21 54	0 43	25 2	1 24	3 47	1 32	8 43	2 21	4 43	0 44	5 8	2 0	33 47	12 24	15 41	15 40	16 14			n.a.
W25	18 46	20 30	4 59	23 56	2 0	22 10	0 45	24 59	1 24	3 47	1 31	8 42	2 22	4 42	0 44	5 8	2 0	33 46	12 24	15 45	15 41	16 11			n.a.
T 26	19 1	24 21	4 57	24 14	2 1	22 25	0 48	24 57	1 23	3 47	1 31	8 40	2 22	4 42	0 44	5 8	2 0	33 46	12 23	15 49	15 42	16 8			n.a.
F 27	19 15	26 51	4 38	24 31	2 1	22 40	0 50	24 54	1 23	3 47	1 31	8 39	2 22	4 41	0 44	5 9	2 0	33 45	12 23	15 52	15 43	16 5			n.a.
S 28	19 29	27 42	4 2	24 44	2 0	22 54	0 52	24 51	1 23	3 47	1 30	8 37	2 22	4 40	0 44	5 9	2 0	33 45	12 23	15 55	15 44	16 2			n.a.
S 29	19 43	26 44	3 11	24 56	1 59	23 8	0 54	24 48	1 22	3 47	1 30	8 36	2 23	4 39	0 44	5 9	2 0	33 44	12 23	15 57	15 45	15 59			n.a.
M30	19 56	24 2	2 7	25 6	1 57	23 21	0 56	24 45	1 22	3 47	1 30	8 35	2 23	4 39	0 44	5 9	2 0	33 44	12 22	15 59	15 46	15 56			n.a.
T 31	20n 9	19n50	0n55	25n13	1n55	23n33	0n58	24n42	1n22	3n47	1n29	8s34	2s23	4s38	0s44	5n 9	2n 0	33n44	12n22	15s59	15s47	15s53			n.a.

Julian Day Number = 1353371.5, Delta T = 07h05m20s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'13, Lahiri = -17°52'12 Julian Calendar 1 May 1008 BCE == Greg. Calendar 21 Apr. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

JUNE 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 59 4	29♉29'05	20♌41	20♊ 7	13♊19	11♋46	24♍ 1	14♓ 8	20♓10	21°R44	24♋25	17°D 0	17♒37	17♒30	n.a.	W 1
T 2	16 3 1	0♊26'10	4♍48	21°45	14°32	12°22	24° 1	14°11	20°12	21♍44	24°26	17°R 0	17°34	17°37	n.a.	T 2
F 3	16 6 57	1°23'16	18°50	23°20	15°46	12°59	24° 2	14°15	20°14	21°44	24°28	16♒59	17°31	17°43	n.a.	F 3
S 4	16 10 54	2°20'21	2♎46	24°53	17° 0	13°36	24° 2	14°18	20°15	21°43	24°29	16°56	17°27	17°50	n.a.	S 4
S 5	16 14 50	3°17'27	16°35	26°24	18°13	14°13	24° 3	14°22	20°17	21°43	24°31	16°51	17°24	17°57	n.a.	S 5
M 6	16 18 47	4°14'33	0♏16	27°53	19°27	14°50	24° 4	14°25	20°18	21°43	24°32	16°42	17°21	18° 3	n.a.	M 6
T 7	16 22 43	5°11'39	13°45	29°20	20°40	15°26	24° 5	14°28	20°20	21°43	24°33	16°32	17°18	18°10	n.a.	T 7
W 8	16 26 40	6° 8'46	27° 2	0♋44	21°54	16° 3	24° 6	14°31	20°21	21°43	24°35	16°21	17°15	18°17	n.a.	W 8
T 9	16 30 37	7° 5'53	10♐ 3	2° 7	23° 7	16°40	24° 8	14°34	20°22	21°42	24°36	16°10	17°11	18°23	n.a.	T 9
F 10	16 34 33	8° 3'01	22°49	3°27	24°21	17°18	24°10	14°37	20°24	21°42	24°38	16° 0	17° 8	18°30	n.a.	F 10
S 11	16 38 30	9° 0'10	5♑19	4°45	25°34	17°55	24°11	14°40	20°25	21°42	24°39	15°51	17° 5	18°37	n.a.	S 11
S 12	16 42 26	9°57'19	17°34	6° 0	26°48	18°32	24°13	14°43	20°26	21°42	24°41	15°45	17° 2	18°43	n.a.	S 12
M13	16 46 23	10°54'29	29°37	7°14	28° 2	19° 9	24°16	14°45	20°27	21°D42	24°43	15°42	16°59	18°50	n.a.	M13
T 14	16 50 19	11°51'40	11♒30	8°24	29°15	19°46	24°18	14°48	20°28	21°42	24°44	15°D41	16°56	18°57	n.a.	T 14
W15	16 54 16	12°48'52	23°19	9°33	0♋29	20°23	24°20	14°50	20°29	21°42	24°46	15°41	16°52	19° 3	n.a.	W15
T 16	16 58 13	13°46'04	5♓ 7	10°38	1°42	21° 1	24°23	14°52	20°30	21°42	24°47	15°41	16°49	19°10	n.a.	T 16
F 17	17 2 9	14°43'18	17° 1	11°41	2°56	21°38	24°26	14°55	20°31	21°42	24°49	15°R42	16°46	19°16	n.a.	F 17
S 18	17 6 6	15°40'33	29° 6	12°42	4° 9	22°16	24°29	14°57	20°32	21°43	24°51	15°41	16°43	19°23	n.a.	S 18
S 19	17 10 2	16°37'49	11♈26	13°39	5°23	22°53	24°32	14°59	20°33	21°43	24°52	15°38	16°40	19°30	n.a.	S 19
M20	17 13 59	17°35'06	24° 7	14°33	6°36	23°31	24°36	15° 1	20°34	21°43	24°54	15°33	16°37	19°36	n.a.	M20
T 21	17 17 55	18°32'24	7♉10	15°24	7°50	24° 8	24°39	15° 2	20°35	21°43	24°56	15°26	16°33	19°43	n.a.	T 21
W22	17 21 52	19°29'44	20°38	16°12	9° 3	24°46	24°43	15° 4	20°35	21°44	24°57	15°17	16°30	19°50	n.a.	W22
T 23	17 25 48	20°27'04	4♊30	16°57	10°17	25°23	24°47	15° 6	20°36	21°44	24°59	15° 8	16°27	19°56	n.a.	T 23
F 24	17 29 45	21°24'26	18°41	17°37	11°30	26° 1	24°51	15° 7	20°37	21°44	25° 1	15° 0	16°24	20° 3	n.a.	F 24
S 25	17 33 42	22°21'49	3♋ 9	18°14	12°44	26°39	24°55	15° 9	20°37	21°45	25° 3	14°53	16°21	20°10	n.a.	S 25
S 26	17 37 38	23°19'13	17°45	18°48	13°57	27°17	24°59	15°10	20°38	21°45	25° 4	14°48	16°17	20°16	n.a.	S 26
M27	17 41 35	24°16'38	2♌23	19°16	15°11	27°54	25° 4	15°11	20°38	21°45	25° 6	14°45	16°14	20°23	n.a.	M27
T 28	17 45 31	25°14'03	16°57	19°41	16°24	28°32	25° 9	15°12	20°39	21°46	25° 8	14°D45	16°11	20°30	n.a.	T 28
W29	17 49 28	26°11'30	1♍23	20° 1	17°38	29°10	25°13	15°13	20°39	21°46	25°10	14°46	16° 8	20°36	n.a.	W29
T 30	17 53 24	27♊ 8'57	15♍38	20♋16	18♋51	29♋48	25♍18	15♓14	20♓39	21♍47	25♋12	14♒47	16♒ 5	20♒43	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n21	14n31	0s20	25n18	1n52	23n45	1n 0	24n38	1n21	3n46	1n29	8s32	2s23	4s37	0s44	5n 9	2n 0	33n43	12n22	15s59	15s48	15s50			n.a.
T 2	20 34	8 28	1 33	25 22	1 48	23 55	1 2	24 34	1 21	3 46	1 29	8 31	2 24	4 37	0 44	5 9	2 0	33 43	12 22	15 59	15 49	15 48			n.a.
F 3	20 46	2 2	2 40	25 23	1 44	24 6	1 3	24 30	1 21	3 45	1 28	8 30	2 24	4 36	0 44	5 9	2 0	33 42	12 22	15 59	15 50	15 45			n.a.
S 4	20 57	4s26	3 37	25 23	1 40	24 15	1 5	24 26	1 20	3 45	1 28	8 29	2 24	4 36	0 44	5 9	2 0	33 42	12 21	16 0	15 51	15 42			n.a.
S 5	21 9	10 38	4 21	25 21	1 35	24 24	1 7	24 22	1 20	3 44	1 28	8 28	2 25	4 35	0 44	5 10	2 0	33 41	12 21	16 2	15 52	15 39			n.a.
M 6	21 20	16 15	4 50	25 17	1 29	24 32	1 9	24 18	1 19	3 44	1 28	8 27	2 25	4 35	0 44	5 10	1 59	33 41	12 21	16 5	15 53	15 36			n.a.
T 7	21 30	21 0	5 2	25 12	1 23	24 39	1 10	24 13	1 19	3 43	1 27	8 26	2 25	4 34	0 44	5 10	1 59	33 40	12 21	16 8	15 54	15 33			n.a.
W 8	21 40	24 36	4 57	25 5	1 16	24 46	1 12	24 8	1 19	3 42	1 27	8 25	2 25	4 33	0 44	5 10	1 59	33 40	12 20	16 11	15 55	15 30			n.a.
T 9	21 50	26 52	4 37	24 57	1 9	24 52	1 14	24 3	1 18	3 41	1 27	8 24	2 26	4 33	0 44	5 10	1 59	33 39	12 20	16 14	15 56	15 27			n.a.
F 10	22 0	27 39	4 3	24 47	1 1	24 57	1 15	23 58	1 18	3 40	1 26	8 23	2 26	4 32	0 44	5 10	1 59	33 39	12 20	16 18	15 57	15 24			n.a.
S 11	22 9	27 0	3 18	24 37	0 53	25 1	1 17	23 53	1 18	3 39	1 26	8 22	2 26	4 32	0 44	5 10	1 59	33 38	12 20	16 20	15 58	15 21			n.a.
S 12	22 18	25 1	2 24	24 25	0 44	25 5	1 18	23 47	1 17	3 38	1 26	8 22	2 27	4 32	0 44	5 10	1 59	33 38	12 20	16 22	15 59	15 18			n.a.
M13	22 26	21 56	1 25	24 12	0 35	25 7	1 19	23 42	1 17	3 37	1 25	8 21	2 27	4 31	0 44	5 9	1 59	33 37	12 19	16 23	16 0	15 15			n.a.
T 14	22 34	17 58	0 22	23 59	0 26	25 10	1 21	23 36	1 17	3 36	1 25	8 20	2 27	4 31	0 44	5 9	1 59	33 37	12 19	16 23	16 1	15 13			n.a.
W15	22 42	13 19	0n41	23 44	0 16	25 11	1 22	23 30	1 16	3 35	1 25	8 19	2 27	4 30	0 44	5 9	1 59	33 36	12 19	16 23	16 1	15 10			n.a.
T 16	22 49	8 12	1 42	23 29	0 6	25 11	1 23	23 24	1 16	3 33	1 24	8 19	2 28	4 30	0 45	5 9	1 59	33 36	12 19	16 23	16 2	15 7			n.a.
F 17	22 56	2 46	2 40	23 13	0s 4	25 11	1 24	23 17	1 16	3 32	1 24	8 18	2 28	4 30	0 45	5 9	1 59	33 35	12 19	16 23	16 3	15 4			n.a.
S 18	23 2	2n51	3 31	22 57	0 15	25 10	1 25	23 11	1 15	3 30	1 24	8 18	2 28	4 29	0 45	5 9	1 59	33 35	12 19	16 23	16 4	15 1			n.a.
S 19	23 8	8 28	4 13	22 40	0 27	25 9	1 26	23 4	1 15	3 29	1 24	8 17	2 29	4 29	0 45	5 9	1 59	33 34	12 18	16 24	16 5	14 58			n.a.
M20	23 14	13 54	4 45	22 23	0 38	25 6	1 27	22 57	1 14	3 27	1 23	8 17	2 29	4 29	0 45	5 9	1 59	33 34	12 18	16 26	16 6	14 55			n.a.
T 21	23 19	18 52	5 3	22 5	0 50	25 3	1 28	22 50	1 14	3 25	1 23	8 16	2 29	4 28	0 45	5 9	1 59	33 33	12 18	16 28	16 7	14 52			n.a.
W22	23 24	23 4	5 4	21 47	1 2	24 59	1 29	22 43	1 14	3 24	1 23	8 16	2 29	4 28	0 45	5 8	1 58	33 33	12 18	16 30	16 8	14 49			n.a.
T 23	23 28	26 6	4 49	21 30	1 14	24 54	1 30	22 36	1 13	3 22	1 22	8 15	2 30	4 28	0 45	5 8	1 58	33 32	12 18	16 33	16 9	14 46			n.a.
F 24	23 32	27 34	4 15	21 12	1 27	24 49	1 30	22 28	1 13	3 20	1 22	8 15	2 30	4 28	0 45	5 8	1 58	33 32	12 18	16 36	16 10	14 43			n.a.
S 25	23 36	27 11	3 25	20 55	1 39	24 43	1 31	22 21	1 13	3 18	1 22	8 15	2 30	4 28	0 45	5 8	1 58	33 31	12 18	16 38	16 11	14 40			n.a.
S 26	23 39	24 56	2 20	20 37	1 52	24 36	1 32	22 13	1 12	3 16	1 21	8 15	2 31	4 27	0 45	5 8	1 58	33 31	12 17	16 39	16 12	14 37			n.a.
M27	23 41	21 1	1 6	20 21	2 5	24 28	1 32	22 5	1 12	3 14	1 21	8 14	2 31	4 27	0 45	5 7	1 58	33 30	12 17	16 40	16 13	14 34			n.a.
T 28	23 44	15 49	0s12	20 4	2 18	24 19	1 33	21 57	1 11	3 12	1 21	8 14	2 31	4 27	0 45	5 7	1 58	33 30	12 17	16 40	16 14	14 31			n.a.
W29	23 46	9 46	1 29	19 48	2 31	24 10	1 33	21 48	1 11	3 9	1 21	8 14	2 32	4 27	0 45	5 7	1 58	33 29	12 17	16 40	16 15	14 28			n.a.
T 30	23n47	3n19	2s39	19n34	2s44	24n 0	1n33	21n40	1n11	3n 7	1n20	8s14	2s32	4s27	0s45	5n 7	1n58	33n29	12n17	16s39	16s16	14s25			n.a.

Julian Day Number = 1353402.5, Delta T = 07h05m18s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'09, Lahiri = -17°52'08 Julian Calendar 1 June 1008 BCE == Greg. Calendar 22 May 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

JULY 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 57 21	28♊ 6'25	29♍39	20♋27	20♋ 5	0♌26	25♍24	15♓15	20♓40	21♍47	25♋14	14°R47	16♒ 2	20♒50	n.a.	F 1
S 2	18 1 17	29° 3'54	13♎27	20°32	21°18	1° 4	25°29	15°15	20°40	21°48	25°16	14♒46	15°58	20°56	n.a.	S 2
S 3	18 5 14	0♋ 1'24	27° 2	20°R32	22°32	1°42	25°34	15°16	20°40	21°49	25°17	14°43	15°55	21° 3	n.a.	S 3
M 4	18 9 11	0°58'56	10♏22	20°27	23°45	2°20	25°40	15°16	20°40	21°49	25°19	14°39	15°52	21° 9	n.a.	M 4
T 5	18 13 7	1°56'28	23°30	20°16	24°58	2°59	25°46	15°17	20°40	21°50	25°21	14°32	15°49	21°16	n.a.	T 5
W 6	18 17 4	2°54'02	6♐24	20° 0	26°12	3°37	25°52	15°17	20°R40	21°51	25°23	14°25	15°46	21°23	n.a.	W 6
T 7	18 21 0	3°51'37	19° 5	19°38	27°25	4°15	25°58	15°17	20°40	21°52	25°25	14°18	15°43	21°29	n.a.	T 7
F 8	18 24 57	4°49'13	1♑34	19°11	28°39	4°54	26° 4	15°R17	20°40	21°52	25°27	14°12	15°39	21°36	n.a.	F 8
S 9	18 28 53	5°46'51	13°50	18°39	29°52	5°32	26°10	15°17	20°40	21°53	25°29	14° 7	15°36	21°43	n.a.	S 9
S 10	18 32 50	6°44'30	25°56	18° 2	1♌ 5	6°10	26°17	15°17	20°40	21°54	25°31	14° 3	15°33	21°49	n.a.	S 10
M11	18 36 47	7°42'10	7♒52	17°20	2°19	6°49	26°24	15°17	20°40	21°55	25°33	14° 2	15°30	21°56	n.a.	M11
T 12	18 40 43	8°39'53	19°43	16°35	3°32	7°27	26°30	15°16	20°39	21°56	25°35	14°D 2	15°27	22° 3	n.a.	T 12
W13	18 44 40	9°37'37	1♓30	15°47	4°45	8° 6	26°37	15°16	20°39	21°57	25°37	14° 3	15°23	22° 9	n.a.	W13
T 14	18 48 36	10°35'22	13°18	14°56	5°59	8°44	26°44	15°15	20°39	21°58	25°39	14° 5	15°20	22°16	n.a.	T 14
F 15	18 52 33	11°33'10	25°12	14° 3	7°12	9°23	26°51	15°14	20°38	21°59	25°41	14° 6	15°17	22°23	n.a.	F 15
S 16	18 56 29	12°30'59	7♈15	13°11	8°25	10° 2	26°59	15°14	20°38	22° 0	25°43	14°R 7	15°14	22°29	n.a.	S 16
S 17	19 0 26	13°28'51	19°34	12°18	9°38	10°41	27° 6	15°13	20°37	22° 1	25°45	14° 7	15°11	22°36	n.a.	S 17
M18	19 4 22	14°26'44	2♉13	11°28	10°52	11°19	27°14	15°12	20°37	22° 2	25°47	14° 6	15° 8	22°43	n.a.	M18
T 19	19 8 19	15°24'39	15°16	10°39	12° 5	11°58	27°22	15°10	20°36	22° 3	25°49	14° 3	15° 4	22°49	n.a.	T 19
W20	19 12 15	16°22'36	28°44	9°55	13°18	12°37	27°29	15° 9	20°36	22° 4	25°51	14° 0	15° 1	22°56	n.a.	W20
T 21	19 16 12	17°20'36	12♊40	9°16	14°31	13°16	27°37	15° 8	20°35	22° 5	25°53	13°56	14°58	23° 2	n.a.	T 21
F 22	19 20 9	18°18'37	27° 0	8°42	15°45	13°55	27°45	15° 6	20°34	22° 6	25°55	13°52	14°55	23° 9	n.a.	F 22
S 23	19 24 5	19°16'40	11♋41	8°14	16°58	14°34	27°54	15° 5	20°33	22° 8	25°57	13°49	14°52	23°16	n.a.	S 23
S 24	19 28 2	20°14'45	26°35	7°53	18°11	15°13	28° 2	15° 3	20°32	22° 9	25°59	13°47	14°49	23°22	n.a.	S 24
M25	19 31 58	21°12'52	11♌35	7°41	19°24	15°52	28°10	15° 1	20°32	22°10	26° 1	13°D47	14°45	23°29	n.a.	M25
T 26	19 35 55	22°11'00	26°32	7°D36	20°37	16°32	28°19	15° 0	20°31	22°12	26° 3	13°47	14°42	23°36	n.a.	T 26
W27	19 39 51	23° 9'10	11♍19	7°39	21°50	17°11	28°28	14°58	20°30	22°13	26° 5	13°48	14°39	23°42	n.a.	W27
T 28	19 43 48	24° 7'22	25°49	7°51	23° 4	17°50	28°37	14°56	20°29	22°14	26° 7	13°49	14°36	23°49	n.a.	T 28
F 29	19 47 44	25° 5'35	10♎ 0	8°12	24°17	18°29	28°45	14°53	20°28	22°16	26° 9	13°50	14°33	23°56	n.a.	F 29
S 30	19 51 41	26° 3'50	23°51	8°41	25°30	19° 9	28°55	14°51	20°26	22°17	26°11	13°R51	14°29	24° 2	n.a.	S 30
S 31	19 55 38	27♋ 2'06	7♏20	9♋18	26♌43	19♌48	29♍ 4	14♓49	20♓25	22♍18	26♋14	13♒51	14♒26	24♒ 9	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n48	3s12	3s39	19n19	2s57	23n50	1n34	21n31	1n10	3n 5	1n20	8s14	2s32	4s27	0s45	5n 6	1n58	33n28	12n17	16s39	16s17	14s22		n.a.
S 2	23 49	9 26	4 24	19 6	3 9	23 39	1 34	21 22	1 10	3 2	1 20	8 14	2 32	4 27	0 45	5 6	1 58	33 28	12 17	16 40	16 18	14 19		n.a.
S 3	23 49	15 8	4 55	18 54	3 21	23 27	1 34	21 13	1 9	3 0	1 19	8 14	2 33	4 27	0 45	5 6	1 58	33 27	12 17	16 40	16 19	14 16		n.a.
M 4	23 49	20 2	5 8	18 44	3 33	23 14	1 34	21 4	1 9	2 57	1 19	8 14	2 33	4 27	0 45	5 5	1 58	33 27	12 17	16 42	16 20	14 13		n.a.
T 5	23 48	23 51	5 5	18 34	3 44	23 1	1 34	20 55	1 9	2 55	1 19	8 14	2 33	4 27	0 45	5 5	1 58	33 27	12 17	16 44	16 21	14 10		n.a.
W 6	23 47	26 25	4 47	18 27	3 54	22 46	1 34	20 45	1 8	2 52	1 19	8 15	2 34	4 27	0 45	5 5	1 58	33 26	12 17	16 46	16 22	14 7		n.a.
T 7	23 46	27 35	4 14	18 20	4 4	22 32	1 33	20 36	1 8	2 49	1 18	8 15	2 34	4 27	0 45	5 4	1 58	33 26	12 16	16 48	16 23	14 4		n.a.
F 8	23 44	27 19	3 30	18 16	4 12	22 16	1 33	20 26	1 7	2 47	1 18	8 15	2 34	4 27	0 45	5 4	1 57	33 25	12 16	16 50	16 24	14 1		n.a.
S 9	23 41	25 41	2 37	18 13	4 20	22 1	1 33	20 16	1 7	2 44	1 18	8 15	2 35	4 27	0 45	5 4	1 57	33 25	12 16	16 51	16 25	13 58		n.a.
S 10	23 39	22 53	1 37	18 12	4 26	21 44	1 32	20 6	1 7	2 41	1 17	8 16	2 35	4 27	0 45	5 3	1 57	33 24	12 16	16 52	16 26	13 55		n.a.
M11	23 35	19 8	0 34	18 12	4 30	21 27	1 32	19 56	1 6	2 38	1 17	8 16	2 35	4 27	0 45	5 3	1 57	33 24	12 16	16 53	16 27	13 52		n.a.
T 12	23 32	14 39	0n31	18 15	4 33	21 9	1 31	19 45	1 6	2 35	1 17	8 17	2 36	4 27	0 45	5 2	1 57	33 23	12 16	16 53	16 28	13 49		n.a.
W13	23 28	9 39	1 34	18 19	4 35	20 51	1 31	19 35	1 5	2 32	1 17	8 17	2 36	4 27	0 45	5 2	1 57	33 23	12 16	16 52	16 28	13 46		n.a.
T 14	23 23	4 18	2 33	18 26	4 34	20 32	1 30	19 24	1 5	2 29	1 16	8 18	2 36	4 28	0 45	5 2	1 57	33 23	12 16	16 52	16 29	13 43		n.a.
F 15	23 18	1n13	3 27	18 34	4 32	20 12	1 29	19 13	1 5	2 26	1 16	8 18	2 36	4 28	0 46	5 1	1 57	33 22	12 16	16 51	16 30	13 40		n.a.
S 16	23 13	6 46	4 11	18 43	4 27	19 52	1 28	19 2	1 4	2 23	1 16	8 19	2 37	4 28	0 46	5 1	1 57	33 22	12 16	16 51	16 31	13 37		n.a.
S 17	23 7	12 10	4 46	18 54	4 21	19 31	1 27	18 51	1 4	2 19	1 16	8 19	2 37	4 28	0 46	5 0	1 57	33 21	12 16	16 51	16 32	13 34		n.a.
M18	23 1	17 13	5 7	19 7	4 13	19 10	1 26	18 40	1 3	2 16	1 15	8 20	2 37	4 28	0 46	5 0	1 57	33 21	12 16	16 51	16 33	13 31		n.a.
T 19	22 55	21 39	5 14	19 20	4 3	18 48	1 25	18 29	1 3	2 13	1 15	8 21	2 38	4 29	0 46	4 59	1 57	33 20	12 16	16 52	16 34	13 28		n.a.
W20	22 48	25 7	5 4	19 35	3 52	18 26	1 24	18 17	1 2	2 9	1 15	8 21	2 38	4 29	0 46	4 59	1 57	33 20	12 16	16 53	16 35	13 25		n.a.
T 21	22 40	27 13	4 35	19 51	3 39	18 3	1 23	18 5	1 2	2 6	1 15	8 22	2 38	4 29	0 46	4 58	1 57	33 20	12 16	16 54	16 36	13 22		n.a.
F 22	22 33	27 36	3 50	20 7	3 25	17 40	1 22	17 54	1 2	2 2	1 14	8 23	2 38	4 30	0 46	4 58	1 57	33 19	12 16	16 55	16 37	13 19		n.a.
S 23	22 24	26 5	2 48	20 25	3 9	17 16	1 20	17 42	1 1	1 59	1 14	8 24	2 39	4 30	0 46	4 57	1 57	33 19	12 16	16 56	16 38	13 16		n.a.
S 24	22 16	22 42	1 33	20 42	2 53	16 52	1 19	17 29	1 1	1 55	1 14	8 25	2 39	4 30	0 46	4 57	1 57	33 18	12 16	16 57	16 39	13 13		n.a.
M25	22 7	17 46	0 12	21 0	2 36	16 27	1 17	17 17	1 0	1 52	1 14	8 26	2 39	4 31	0 46	4 56	1 57	33 18	12 16	16 57	16 40	13 10		n.a.
T 26	21 57	11 46	1s10	21 18	2 18	16 2	1 16	17 5	1 0	1 48	1 13	8 27	2 40	4 31	0 46	4 55	1 56	33 18	12 16	16 57	16 41	13 7		n.a.
W27	21 48	5 11	2 26	21 35	2 1	15 37	1 14	16 52	0 59	1 44	1 13	8 28	2 40	4 32	0 46	4 55	1 56	33 17	12 16	16 57	16 42	13 4		n.a.
T 28	21 38	1s33	3 32	21 52	1 43	15 11	1 12	16 40	0 59	1 40	1 13	8 29	2 40	4 32	0 46	4 54	1 56	33 17	12 16	16 56	16 43	13 1		n.a.
F 29	21 27	8 2	4 23	22 9	1 25	14 45	1 11	16 27	0 58	1 37	1 13	8 30	2 40	4 32	0 46	4 54	1 56	33 16	12 16	16 56	16 44	12 58		n.a.
S 30	21 16	13 59	4 57	22 24	1 8	14 18	1 9	16 14	0 58	1 33	1 12	8 31	2 41	4 33	0 46	4 53	1 56	33 16	12 16	16 56	16 45	12 55		n.a.
S 31	21n 5	19s 7	5s14	22n39	0s51	13n51	1n 7	16n 1	0n58	1n29	1n12	8s32	2s41	4s33	0s46	4n52	1n56	33n16	12n17	16s56	16s45	12s52		n.a.

Julian Day Number = 1353432.5, Delta T = 07h05m17s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'05, Lahiri = -17°52'04 Julian Calendar 1 July 1008 BCE == Greg. Calendar 21 June 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

AUGUST 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 59 34	28♋ 0'24	20♏31	10♋ 4	27♌56	20♌28	29♍13	14°R46	20°R24	22♍20	26♋16	13°R50	14♒23	24♒16	n.a.	M 1
T 2	20 3 31	28°58'44	3♐23	10°57	29° 9	21° 7	29°22	14♓44	20♓23	22°21	26°18	13♒48	14°20	24°22	n.a.	T 2
W 3	20 7 27	29°57'06	16° 0	11°58	0♍22	21°47	29°32	14°41	20°22	22°23	26°20	13°46	14°17	24°29	n.a.	W 3
T 4	20 11 24	0♌55'29	28°24	13° 6	1°35	22°26	29°41	14°39	20°20	22°24	26°22	13°44	14°14	24°36	n.a.	T 4
F 5	20 15 20	1°53'55	10♉37	14°20	2°48	23° 6	29°51	14°36	20°19	22°26	26°24	13°43	14°10	24°42	n.a.	F 5
S 6	20 19 17	2°52'22	22°41	15°40	4° 1	23°46	0♎ 1	14°33	20°17	22°28	26°26	13°41	14° 7	24°49	n.a.	S 6
S 7	20 23 13	3°50'51	4♒37	17° 5	5°13	24°26	0°11	14°30	20°16	22°29	26°28	13°41	14° 4	24°56	n.a.	S 7
M 8	20 27 10	4°49'22	16°28	18°35	6°26	25° 5	0°21	14°27	20°15	22°31	26°30	13°D41	14° 1	25° 2	n.a.	M 8
T 9	20 31 7	5°47'56	28°16	20° 9	7°39	25°45	0°31	14°24	20°13	22°33	26°32	13°41	13°58	25° 9	n.a.	T 9
W10	20 35 3	6°46'31	10♓ 3	21°47	8°52	26°25	0°41	14°20	20°11	22°34	26°34	13°41	13°55	25°15	n.a.	W10
T 11	20 39 0	7°45'09	21°53	23°29	10° 5	27° 5	0°51	14°17	20°10	22°36	26°36	13°42	13°51	25°22	n.a.	T 11
F 12	20 42 56	8°43'49	3♈48	25°12	11°17	27°45	1° 2	14°14	20° 8	22°38	26°38	13°43	13°48	25°29	n.a.	F 12
S 13	20 46 53	9°42'31	15°53	26°58	12°30	28°25	1°12	14°10	20° 7	22°39	26°40	13°43	13°45	25°35	n.a.	S 13
S 14	20 50 49	10°41'15	28°11	28°46	13°43	29° 5	1°23	14° 7	20° 5	22°41	26°42	13°43	13°42	25°42	n.a.	S 14
M15	20 54 46	11°40'02	10♉47	0♌34	14°55	29°46	1°33	14° 3	20° 3	22°43	26°44	13°R43	13°39	25°49	n.a.	M15
T 16	20 58 42	12°38'52	23°44	2°24	16° 8	0♍26	1°44	13°59	20° 1	22°45	26°46	13°43	13°35	25°55	n.a.	T 16
W17	21 2 39	13°37'44	7♊ 6	4°14	17°21	1° 6	1°55	13°55	19°59	22°47	26°48	13°D43	13°32	26° 2	n.a.	W17
T 18	21 6 36	14°36'38	20°54	6° 5	18°33	1°46	2° 6	13°52	19°58	22°48	26°50	13°43	13°29	26° 9	n.a.	T 18
F 19	21 10 32	15°35'35	5♋10	7°56	19°46	2°27	2°17	13°48	19°56	22°50	26°52	13°44	13°26	26°15	n.a.	F 19
S 20	21 14 29	16°34'34	19°49	9°47	20°58	3° 7	2°28	13°44	19°54	22°52	26°54	13°44	13°23	26°22	n.a.	S 20
S 21	21 18 25	17°33'36	4♌47	11°37	22°11	3°48	2°39	13°40	19°52	22°54	26°56	13°44	13°20	26°29	n.a.	S 21
M22	21 22 22	18°32'40	19°57	13°27	23°23	4°28	2°50	13°36	19°50	22°56	26°58	13°R44	13°16	26°35	n.a.	M22
T 23	21 26 18	19°31'45	5♍ 9	15°17	24°36	5° 9	3° 1	13°31	19°48	22°58	27° 0	13°44	13°13	26°42	n.a.	T 23
W24	21 30 15	20°30'53	20°13	17° 6	25°48	5°50	3°13	13°27	19°46	23° 0	27° 2	13°43	13°10	26°49	n.a.	W24
T 25	21 34 11	21°30'03	5♎ 2	18°54	27° 1	6°30	3°24	13°23	19°44	23° 2	27° 4	13°42	13° 7	26°55	n.a.	T 25
F 26	21 38 8	22°29'15	19°28	20°42	28°13	7°11	3°36	13°19	19°42	23° 4	27° 6	13°41	13° 4	27° 2	n.a.	F 26
S 27	21 42 4	23°28'29	3♏29	22°29	29°25	7°52	3°47	13°14	19°40	23° 6	27° 8	13°41	13° 1	27° 8	n.a.	S 27
S 28	21 46 1	24°27'44	17° 3	24°15	0♎38	8°33	3°59	13°10	19°37	23° 8	27° 9	13°40	12°57	27°15	n.a.	S 28
M29	21 49 58	25°27'02	0♐13	26° 1	1°50	9°14	4°11	13° 5	19°35	23°10	27°11	13°D40	12°54	27°22	n.a.	M29
T 30	21 53 54	26°26'22	12°59	27°46	3° 2	9°54	4°22	13° 1	19°33	23°12	27°13	13°40	12°51	27°28	n.a.	T 30
W31	21 57 51	27♌25'43	25♐27	29♌30	4♎14	10♍35	4♎34	12♓56	19♓31	23♍14	27♋15	13♒41	12♒48	27♒35	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	20n53	23s11	5s14	22n52	0s34	13n24	1n 5	15n48	0n57	1n25	1n12	8s33	2s41	4s34	0s46	4n52	1n56	33n15	12n17	16s56	16s46	12s49			n.a.
T 2	20 41	26 2	4 58	23 3	0 18	12 56	1 3	15 35	0 57	1 21	1 12	8 35	2 41	4 34	0 46	4 51	1 56	33 15	12 17	16 57	16 47	12 46			n.a.
W 3	20 29	27 30	4 28	23 13	0 3	12 28	1 1	15 21	0 56	1 17	1 12	8 36	2 42	4 35	0 46	4 50	1 56	33 15	12 17	16 57	16 48	12 42			n.a.
T 4	20 16	27 34	3 45	23 21	0n11	11 59	0 58	15 8	0 56	1 13	1 11	8 37	2 42	4 35	0 46	4 50	1 56	33 14	12 17	16 58	16 49	12 39			n.a.
F 5	20 3	26 16	2 53	23 27	0 25	11 31	0 56	14 54	0 55	1 9	1 11	8 39	2 42	4 36	0 46	4 49	1 56	33 14	12 17	16 58	16 50	12 36			n.a.
S 6	19 50	23 45	1 54	23 30	0 37	11 2	0 54	14 40	0 55	1 5	1 11	8 40	2 42	4 37	0 46	4 48	1 56	33 14	12 17	16 59	16 51	12 33			n.a.
S 7	19 36	20 13	0 50	23 31	0 49	10 32	0 51	14 26	0 54	1 0	1 11	8 41	2 43	4 37	0 46	4 48	1 56	33 13	12 17	16 59	16 52	12 30			n.a.
M 8	19 22	15 54	0n15	23 29	0 59	10 3	0 49	14 12	0 54	0 56	1 11	8 43	2 43	4 38	0 46	4 47	1 56	33 13	12 17	16 59	16 53	12 27			n.a.
T 9	19 7	11 1	1 20	23 24	1 9	9 33	0 47	13 58	0 53	0 52	1 10	8 44	2 43	4 38	0 46	4 46	1 56	33 13	12 17	16 59	16 54	12 24			n.a.
W10	18 52	5 44	2 21	23 17	1 17	9 3	0 44	13 44	0 53	0 48	1 10	8 46	2 43	4 39	0 46	4 46	1 56	33 12	12 18	16 59	16 55	12 21			n.a.
T 11	18 37	0 16	3 17	23 8	1 24	8 33	0 41	13 30	0 52	0 43	1 10	8 47	2 44	4 40	0 46	4 45	1 56	33 12	12 18	16 58	16 56	12 18			n.a.
F 12	18 22	5n16	4 4	22 55	1 31	8 2	0 39	13 15	0 52	0 39	1 10	8 49	2 44	4 40	0 46	4 44	1 56	33 12	12 18	16 58	16 57	12 15			n.a.
S 13	18 6	10 39	4 41	22 40	1 36	7 32	0 36	13 1	0 52	0 34	1 10	8 50	2 44	4 41	0 46	4 43	1 56	33 12	12 18	16 58	16 58	12 12			n.a.
S 14	17 50	15 45	5 6	22 22	1 41	7 1	0 33	12 46	0 51	0 30	1 9	8 52	2 44	4 42	0 46	4 43	1 56	33 11	12 18	16 58	16 59	12 9			n.a.
M15	17 33	20 18	5 17	22 3	1 44	6 30	0 31	12 31	0 51	0 26	1 9	8 54	2 44	4 43	0 46	4 42	1 56	33 11	12 18	16 58	16 59	12 6			n.a.
T 16	17 17	24 3	5 13	21 40	1 47	5 59	0 28	12 16	0 50	0 21	1 9	8 55	2 45	4 43	0 46	4 41	1 56	33 11	12 18	16 58	17 0	12 3			n.a.
W17	17 0	26 38	4 52	21 16	1 49	5 27	0 25	12 1	0 50	0 17	1 9	8 57	2 45	4 44	0 46	4 40	1 55	33 11	12 19	16 58	17 1	11 59			n.a.
T 18	16 42	27 43	4 13	20 50	1 50	4 56	0 22	11 46	0 49	0 12	1 9	8 58	2 45	4 45	0 46	4 40	1 55	33 10	12 19	16 58	17 2	11 56			n.a.
F 19	16 25	27 1	3 19	20 21	1 51	4 24	0 19	11 31	0 49	0 7	1 8	9 0	2 45	4 46	0 46	4 39	1 55	33 10	12 19	16 58	17 3	11 53			n.a.
S 20	16 7	24 27	2 9	19 51	1 51	3 52	0 16	11 16	0 48	0 3	1 8	9 2	2 45	4 46	0 47	4 38	1 55	33 10	12 19	16 58	17 4	11 50			n.a.
S 21	15 49	20 10	0 50	19 20	1 50	3 21	0 13	11 1	0 48	0s 2	1 8	9 4	2 45	4 47	0 47	4 37	1 55	33 10	12 19	16 58	17 5	11 47			n.a.
M22	15 30	14 31	0s35	18 47	1 48	2 49	0 10	10 45	0 47	0 7	1 8	9 5	2 46	4 48	0 47	4 36	1 55	33 9	12 20	16 58	17 6	11 44			n.a.
T 23	15 12	7 58	1 56	18 12	1 47	2 17	0 6	10 29	0 47	0 11	1 8	9 7	2 46	4 49	0 47	4 36	1 55	33 9	12 20	16 58	17 7	11 41			n.a.
W24	14 53	1 2	3 9	17 36	1 44	1 45	0 3	10 14	0 46	0 16	1 7	9 9	2 46	4 50	0 47	4 35	1 55	33 9	12 20	16 58	17 8	11 38			n.a.
T 25	14 34	5s49	4 8	17 0	1 41	1 12	0 0	9 58	0 46	0 21	1 7	9 11	2 46	4 50	0 47	4 34	1 55	33 9	12 20	16 58	17 9	11 35			n.a.
F 26	14 14	12 11	4 50	16 22	1 38	0 40	0s 3	9 42	0 45	0 26	1 7	9 13	2 46	4 51	0 47	4 33	1 55	33 9	12 20	16 59	17 10	11 32			n.a.
S 27	13 54	17 45	5 12	15 43	1 34	0 8	0 6	9 26	0 45	0 30	1 7	9 15	2 46	4 52	0 47	4 32	1 55	33 8	12 21	16 59	17 11	11 28			n.a.
S 28	13 34	22 15	5 17	15 4	1 30	0s24	0 10	9 10	0 44	0 35	1 7	9 16	2 47	4 53	0 47	4 32	1 55	33 8	12 21	16 59	17 11	11 25			n.a.
M29	13 14	25 28	5 4	14 24	1 26	0 56	0 13	8 54	0 44	0 40	1 7	9 18	2 47	4 54	0 47	4 31	1 55	33 8	12 21	16 59	17 12	11 22			n.a.
T 30	12 54	27 17	4 37	13 43	1 21	1 29	0 16	8 38	0 43	0 45	1 6	9 20	2 47	4 55	0 47	4 30	1 55	33 8	12 21	16 59	17 13	11 19			n.a.
W31	12n33	27s41	3s57	13n 1	1n17	2s 1	0s20	8n22	0n42	0s50	1n 6	9s22	2s47	4s56	0s47	4n29	1n55	33n 8	12n22	16s59	17s14	11s16			n.a.

Julian Day Number = 1353463.5, Delta T = 07h05m15s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°59'00, Lahiri = -17°52'00 Julian Calendar 1 Aug. 1008 BCE == Greg. Calendar 22 July 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

SEPTEMBER 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 1 47	28♌25'07	7♉40	1♍13	5♎26	11♍17	4♎46	12°R52	19°R29	23♍16	27♋17	13♒43	12♒45	27♒42	n.a.	T 1
F 2	22 5 44	29°24'32	19°42	2°55	6°38	11°58	4°58	12♓47	19♓26	23°18	27°19	13°44	12°41	27°48	n.a.	F 2
S 3	22 9 40	0♍24'00	1♒37	4°37	7°50	12°39	5°10	12°42	19°24	23°20	27°20	13°45	12°38	27°55	n.a.	S 3
S 4	22 13 37	1°23'29	13°26	6°17	9° 2	13°20	5°22	12°38	19°22	23°22	27°22	13°R46	12°35	28° 2	n.a.	S 4
M 5	22 17 33	2°23'00	25°14	7°57	10°14	14° 1	5°35	12°33	19°20	23°24	27°24	13°45	12°32	28° 8	n.a.	M 5
T 6	22 21 30	3°22'34	7♓ 3	9°37	11°26	14°43	5°47	12°28	19°17	23°27	27°26	13°44	12°29	28°15	n.a.	T 6
W 7	22 25 27	4°22'10	18°54	11°15	12°38	15°24	5°59	12°23	19°15	23°29	27°27	13°41	12°26	28°22	n.a.	W 7
T 8	22 29 23	5°21'48	0♈49	12°53	13°50	16° 5	6°11	12°19	19°12	23°31	27°29	13°38	12°22	28°28	n.a.	T 8
F 9	22 33 20	6°21'28	12°51	14°30	15° 2	16°47	6°24	12°14	19°10	23°33	27°31	13°34	12°19	28°35	n.a.	F 9
S 10	22 37 16	7°21'10	25° 3	16° 7	16°13	17°28	6°36	12° 9	19° 8	23°35	27°33	13°30	12°16	28°42	n.a.	S 10
S 11	22 41 13	8°20'55	7♉25	17°43	17°25	18°10	6°49	12° 4	19° 5	23°37	27°34	13°27	12°13	28°48	n.a.	S 11
M12	22 45 9	9°20'42	20° 2	19°18	18°37	18°51	7° 1	11°59	19° 3	23°40	27°36	13°24	12°10	28°55	n.a.	M12
T 13	22 49 6	10°20'32	2♊56	20°53	19°48	19°33	7°14	11°54	19° 0	23°42	27°37	13°23	12° 7	29° 2	n.a.	T 13
W14	22 53 2	11°20'24	16°10	22°27	21° 0	20°15	7°27	11°50	18°58	23°44	27°39	13°D23	12° 3	29° 8	n.a.	W14
T 15	22 56 59	12°20'19	29°47	24° 0	22°11	20°57	7°39	11°45	18°56	23°46	27°41	13°24	12° 0	29°15	n.a.	T 15
F 16	23 0 55	13°20'16	13♋49	25°33	23°23	21°38	7°52	11°40	18°53	23°48	27°42	13°25	11°57	29°22	n.a.	F 16
S 17	23 4 52	14°20'15	28°14	27° 5	24°34	22°20	8° 5	11°35	18°51	23°51	27°44	13°27	11°54	29°28	n.a.	S 17
S 18	23 8 49	15°20'17	13♌ 0	28°37	25°45	23° 2	8°18	11°30	18°48	23°53	27°45	13°R27	11°51	29°35	n.a.	S 18
M19	23 12 45	16°20'20	28° 2	0♎ 8	26°56	23°44	8°30	11°25	18°46	23°55	27°47	13°26	11°47	29°41	n.a.	M19
T 20	23 16 42	17°20'26	13♍13	1°39	28° 8	24°26	8°43	11°20	18°43	23°57	27°48	13°24	11°44	29°48	n.a.	T 20
W21	23 20 38	18°20'34	28°22	3° 9	29°19	25° 8	8°56	11°16	18°41	24° 0	27°50	13°20	11°41	29°55	n.a.	W21
T 22	23 24 35	19°20'44	13♎20	4°38	0♏30	25°51	9° 9	11°11	18°38	24° 2	27°51	13°15	11°38	0♓ 1	n.a.	T 22
F 23	23 28 31	20°20'55	27°58	6° 7	1°41	26°33	9°22	11° 6	18°36	24° 4	27°53	13° 9	11°35	0° 8	n.a.	F 23
S 24	23 32 28	21°21'09	12♏10	7°35	2°52	27°15	9°35	11° 1	18°33	24° 6	27°54	13° 3	11°32	0°15	n.a.	S 24
S 25	23 36 24	22°21'24	25°54	9° 3	4° 3	27°57	9°48	10°57	18°31	24° 8	27°55	12°59	11°28	0°21	n.a.	S 25
M26	23 40 21	23°21'41	9♐ 9	10°30	5°13	28°40	10° 1	10°52	18°29	24°11	27°57	12°56	11°25	0°28	n.a.	M26
T 27	23 44 18	24°21'59	21°58	11°57	6°24	29°22	10°15	10°47	18°26	24°13	27°58	12°D55	11°22	0°35	n.a.	T 27
W28	23 48 14	25°22'19	4♑24	13°23	7°35	0♎ 5	10°28	10°43	18°24	24°15	27°59	12°55	11°19	0°41	n.a.	W28
T 29	23 52 11	26°22'41	16°34	14°48	8°45	0°47	10°41	10°38	18°21	24°17	28° 1	12°57	11°16	0°48	n.a.	T 29
F 30	23 56 7	27♍23'04	28♑31	16♎12	9♏56	1♎30	10♎54	10♓34	18♓19	24♍20	28♋ 2	12♒58	11♒12	0♓55	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n13	26s42	3s 7	12n19	1n11	2s33	0s23	8n 6	0n42	0s55	1n 6	9s24	2s47	4s57	0s47	4n28	1n55	33n 8	12n22	16s58	17s15	11s13		n.a.
F 2	11 52	24 29	2 9	11 37	1 6	3 5	0 27	7 49	0 41	1 0	1 6	9 26	2 47	4 57	0 47	4 27	1 55	33 7	12 22	16 58	17 16	11 10		n.a.
S 3	11 30	21 12	1 7	10 54	1 0	3 37	0 30	7 33	0 41	1 5	1 6	9 28	2 47	4 58	0 47	4 26	1 55	33 7	12 22	16 58	17 17	11 7		n.a.
S 4	11 9	17 5	0 2	10 11	0 55	4 9	0 34	7 16	0 40	1 10	1 6	9 30	2 47	4 59	0 47	4 26	1 55	33 7	12 23	16 57	17 18	11 4		n.a.
M 5	10 47	12 19	1n 3	9 28	0 49	4 41	0 37	7 0	0 40	1 15	1 6	9 32	2 47	5 0	0 47	4 25	1 55	33 7	12 23	16 58	17 19	11 0		n.a.
T 6	10 26	7 8	2 5	8 45	0 43	5 13	0 41	6 43	0 39	1 20	1 5	9 33	2 48	5 1	0 47	4 24	1 55	33 7	12 23	16 58	17 20	10 57		n.a.
W 7	10 4	1 41	3 2	8 1	0 36	5 44	0 44	6 26	0 39	1 25	1 5	9 35	2 48	5 2	0 47	4 23	1 55	33 7	12 24	16 59	17 21	10 54		n.a.
T 8	9 41	3n51	3 51	7 17	0 30	6 16	0 47	6 9	0 38	1 30	1 5	9 37	2 48	5 3	0 47	4 22	1 55	33 7	12 24	17 0	17 21	10 51		n.a.
F 9	9 19	9 18	4 30	6 33	0 24	6 47	0 51	5 53	0 38	1 35	1 5	9 39	2 48	5 4	0 47	4 21	1 55	33 7	12 24	17 1	17 22	10 48		n.a.
S 10	8 57	14 27	4 58	5 49	0 17	7 19	0 54	5 36	0 37	1 40	1 5	9 41	2 48	5 5	0 47	4 20	1 55	33 7	12 24	17 2	17 23	10 45		n.a.
S 11	8 34	19 7	5 12	5 5	0 10	7 50	0 58	5 19	0 37	1 45	1 5	9 43	2 48	5 6	0 47	4 19	1 55	33 7	12 25	17 3	17 24	10 42		n.a.
M12	8 11	23 2	5 12	4 21	0 4	8 21	1 1	5 2	0 36	1 51	1 5	9 45	2 48	5 7	0 47	4 19	1 55	33 7	12 25	17 4	17 25	10 39		n.a.
T 13	7 48	25 55	4 56	3 38	0s 3	8 52	1 5	4 45	0 36	1 56	1 4	9 47	2 48	5 8	0 47	4 18	1 55	33 6	12 25	17 4	17 26	10 35		n.a.
W14	7 25	27 28	4 24	2 54	0 10	9 22	1 8	4 27	0 35	2 1	1 4	9 49	2 48	5 9	0 47	4 17	1 55	33 6	12 26	17 4	17 27	10 32		n.a.
T 15	7 2	27 26	3 37	2 10	0 17	9 53	1 12	4 10	0 34	2 6	1 4	9 51	2 48	5 10	0 47	4 16	1 55	33 6	12 26	17 4	17 28	10 29		n.a.
F 16	6 39	25 40	2 35	1 26	0 23	10 23	1 15	3 53	0 34	2 11	1 4	9 53	2 48	5 11	0 47	4 15	1 55	33 6	12 26	17 3	17 29	10 26		n.a.
S 17	6 16	22 11	1 23	0 43	0 30	10 53	1 19	3 36	0 33	2 17	1 4	9 55	2 48	5 12	0 47	4 14	1 55	33 6	12 27	17 3	17 30	10 23		n.a.
S 18	5 52	17 13	0 2	0s 0	0 37	11 23	1 22	3 18	0 33	2 22	1 4	9 57	2 48	5 13	0 47	4 13	1 55	33 6	12 27	17 3	17 30	10 20		n.a.
M19	5 28	11 7	1s19	0 43	0 44	11 52	1 26	3 1	0 32	2 27	1 4	9 58	2 48	5 14	0 47	4 12	1 55	33 6	12 27	17 3	17 31	10 17		n.a.
T 20	5 5	4 18	2 36	1 26	0 50	12 21	1 29	2 43	0 32	2 32	1 4	10 0	2 48	5 15	0 47	4 11	1 55	33 6	12 28	17 4	17 32	10 13		n.a.
W21	4 41	2s43	3 41	2 8	0 57	12 50	1 32	2 26	0 31	2 38	1 4	10 2	2 48	5 16	0 47	4 10	1 55	33 6	12 28	17 5	17 33	10 10		n.a.
T 22	4 17	9 29	4 30	2 50	1 4	13 19	1 36	2 9	0 30	2 43	1 3	10 4	2 48	5 17	0 47	4 10	1 55	33 6	12 28	17 6	17 34	10 7		n.a.
F 23	3 53	15 34	5 0	3 32	1 10	13 47	1 39	1 51	0 30	2 48	1 3	10 6	2 48	5 18	0 47	4 9	1 55	33 7	12 29	17 8	17 35	10 4		n.a.
S 24	3 29	20 39	5 11	4 14	1 17	14 15	1 42	1 33	0 29	2 53	1 3	10 8	2 48	5 19	0 47	4 8	1 55	33 7	12 29	17 10	17 36	10 1		n.a.
S 25	3 5	24 26	5 3	4 55	1 23	14 43	1 45	1 16	0 29	2 59	1 3	10 9	2 48	5 20	0 47	4 7	1 55	33 7	12 30	17 11	17 37	9 58		n.a.
M26	2 41	26 46	4 39	5 35	1 29	15 10	1 49	0 58	0 28	3 4	1 3	10 11	2 48	5 21	0 47	4 6	1 55	33 7	12 30	17 12	17 38	9 55		n.a.
T 27	2 16	27 36	4 2	6 15	1 35	15 37	1 52	0 41	0 28	3 9	1 3	10 13	2 48	5 21	0 47	4 5	1 55	33 7	12 30	17 12	17 39	9 51		n.a.
W28	1 52	26 59	3 14	6 55	1 41	16 4	1 55	0 23	0 27	3 15	1 3	10 15	2 48	5 22	0 47	4 4	1 55	33 7	12 31	17 12	17 39	9 48		n.a.
T 29	1 28	25 4	2 18	7 34	1 47	16 30	1 58	0 5	0 26	3 20	1 3	10 16	2 48	5 23	0 47	4 3	1 55	33 7	12 31	17 12	17 40	9 45		n.a.
F 30	1n 3	22s 3	1s18	8s12	1s53	16s56	2s 1	0s13	0n26	3s25	1n 3	10s18	2s48	5s24	0s47	4n 2	1n55	33n 7	12n32	17s11	17s41	9s42		n.a.

Julian Day Number = 1353494.5, Delta T = 07h05m14s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'56, Lahiri = -17°51'56 Julian Calendar 1 Sept. 1008 BCE == Greg. Calendar 22 Aug. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

OCTOBER 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 0 4	28♍23'29	10♒21	17♎36	11♏ 6	2♎12	11♎ 7	10°R29	18°R16	24♍22	28♋ 3	12°R59	11♒ 9	1♓ 1	n.a.	S 1
S 2	0 4 0	29°23'56	22° 8	18°59	12°16	2°55	11°21	10♓25	18♓14	24°24	28° 4	12♒59	11° 6	1° 8	n.a.	S 2
M 3	0 7 57	0♎24'24	3♓55	20°21	13°27	3°38	11°34	10°20	18°12	24°26	28° 5	12°56	11° 3	1°15	n.a.	M 3
T 4	0 11 53	1°24'53	15°47	21°42	14°37	4°20	11°47	10°16	18° 9	24°29	28° 6	12°52	11° 0	1°21	n.a.	T 4
W 5	0 15 50	2°25'24	27°45	23° 1	15°47	5° 3	12° 1	10°11	18° 7	24°31	28° 8	12°45	10°57	1°28	n.a.	W 5
T 6	0 19 46	3°25'57	9♈50	24°20	16°57	5°46	12°14	10° 7	18° 4	24°33	28° 9	12°36	10°53	1°35	n.a.	T 6
F 7	0 23 43	4°26'32	22° 5	25°37	18° 7	6°29	12°27	10° 3	18° 2	24°35	28°10	12°26	10°50	1°41	n.a.	F 7
S 8	0 27 40	5°27'08	4♉30	26°53	19°16	7°12	12°41	9°59	18° 0	24°38	28°11	12°15	10°47	1°48	n.a.	S 8
S 9	0 31 36	6°27'47	17° 5	28° 7	20°26	7°55	12°54	9°55	17°58	24°40	28°12	12° 6	10°44	1°55	n.a.	S 9
M10	0 35 33	7°28'27	29°52	29°19	21°35	8°38	13° 7	9°51	17°55	24°42	28°13	11°58	10°41	2° 1	n.a.	M10
T 11	0 39 29	8°29'09	12♊52	0♏28	22°45	9°21	13°21	9°47	17°53	24°44	28°14	11°52	10°38	2° 8	n.a.	T 11
W12	0 43 26	9°29'53	26° 6	1°36	23°54	10° 4	13°34	9°43	17°51	24°46	28°14	11°49	10°34	2°15	n.a.	W12
T 13	0 47 22	10°30'38	9♋37	2°40	25° 3	10°48	13°48	9°39	17°48	24°49	28°15	11°D48	10°31	2°21	n.a.	T 13
F 14	0 51 19	11°31'26	23°26	3°41	26°12	11°31	14° 1	9°35	17°46	24°51	28°16	11°49	10°28	2°28	n.a.	F 14
S 15	0 55 15	12°32'15	7♌33	4°39	27°21	12°14	14°15	9°32	17°44	24°53	28°17	11°R49	10°25	2°34	n.a.	S 15
S 16	0 59 12	13°33'06	21°59	5°33	28°30	12°58	14°28	9°28	17°42	24°55	28°18	11°49	10°22	2°41	n.a.	S 16
M17	1 3 9	14°33'58	6♍41	6°22	29°39	13°41	14°42	9°25	17°40	24°57	28°19	11°47	10°18	2°48	n.a.	M17
T 18	1 7 5	15°34'52	21°33	7° 6	0♐47	14°25	14°55	9°21	17°38	24°59	28°19	11°42	10°15	2°54	n.a.	T 18
W19	1 11 2	16°35'47	6♎29	7°44	1°56	15° 8	15° 8	9°18	17°36	25° 2	28°20	11°34	10°12	3° 1	n.a.	W19
T 20	1 14 58	17°36'44	21°19	8°15	3° 4	15°52	15°22	9°14	17°34	25° 4	28°21	11°24	10° 9	3° 8	n.a.	T 20
F 21	1 18 55	18°37'42	5♏55	8°39	4°12	16°35	15°35	9°11	17°32	25° 6	28°21	11°13	10° 6	3°14	n.a.	F 21
S 22	1 22 51	19°38'41	20°10	8°54	5°20	17°19	15°49	9° 8	17°30	25° 8	28°22	11° 2	10° 3	3°21	n.a.	S 22
S 23	1 26 48	20°39'42	3♐58	9°R 1	6°28	18° 3	16° 2	9° 5	17°28	25°10	28°23	10°53	9°59	3°28	n.a.	S 23
M24	1 30 44	21°40'43	17°18	8°58	7°35	18°47	16°16	9° 2	17°26	25°12	28°23	10°45	9°56	3°34	n.a.	M24
T 25	1 34 41	22°41'46	0♑12	8°45	8°43	19°31	16°29	8°59	17°24	25°14	28°24	10°41	9°53	3°41	n.a.	T 25
W26	1 38 38	23°42'49	12°42	8°20	9°50	20°14	16°43	8°57	17°22	25°16	28°24	10°38	9°50	3°48	n.a.	W26
T 27	1 42 34	24°43'53	24°53	7°45	10°57	20°58	16°56	8°54	17°20	25°18	28°25	10°D38	9°47	3°54	n.a.	T 27
F 28	1 46 31	25°44'57	6♒50	6°58	12° 4	21°42	17° 9	8°52	17°18	25°20	28°25	10°R38	9°44	4° 1	n.a.	F 28
S 29	1 50 27	26°46'03	18°40	6° 1	13°11	22°26	17°23	8°49	17°17	25°22	28°25	10°38	9°40	4° 8	n.a.	S 29
S 30	1 54 24	27°47'09	0♓27	4°55	14°17	23°10	17°36	8°47	17°15	25°24	28°26	10°36	9°37	4°14	n.a.	S 30
M31	1 58 20	28♎48'15	12♓16	3♏41	15♐23	23♎55	17♎50	8♓45	17♓13	25♍26	28♋26	10♒32	9♒34	4♓21	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n39	18s 9	0s14	8s50	1s58	17s21	2s 4	0s30	0n25	3s31	1n 3	10s20	2s47	5s25	0s47	4n 1	1n55	33n 7	12n32	17s11	17s42	9s39		n.a.
S 2	0 15	13 35	0n49	9 27	2 3	17 46	2 7	0 48	0 25	3 36	1 2	10 21	2 47	5 26	0 47	4 1	1 55	33 7	12 32	17 11	17 43	9 36		n.a.
M 3	0s10	8 30	1 51	10 3	2 8	18 11	2 10	1 6	0 24	3 41	1 2	10 23	2 47	5 27	0 47	4 0	1 55	33 7	12 33	17 12	17 44	9 32		n.a.
T 4	0 34	3 7	2 48	10 38	2 13	18 35	2 12	1 24	0 23	3 47	1 2	10 25	2 47	5 28	0 47	3 59	1 55	33 8	12 33	17 13	17 45	9 29		n.a.
W 5	0 59	2n24	3 37	11 12	2 17	18 58	2 15	1 41	0 23	3 52	1 2	10 26	2 47	5 29	0 47	3 58	1 55	33 8	12 34	17 15	17 46	9 26		n.a.
T 6	1 23	7 54	4 18	11 46	2 21	19 22	2 18	1 59	0 22	3 57	1 2	10 28	2 47	5 30	0 47	3 57	1 55	33 8	12 34	17 18	17 46	9 23		n.a.
F 7	1 48	13 9	4 47	12 18	2 25	19 44	2 20	2 17	0 22	4 3	1 2	10 29	2 47	5 31	0 47	3 56	1 55	33 8	12 34	17 21	17 47	9 20		n.a.
S 8	2 12	17 57	5 3	12 49	2 28	20 7	2 23	2 35	0 21	4 8	1 2	10 31	2 47	5 32	0 47	3 55	1 55	33 8	12 35	17 23	17 48	9 17		n.a.
S 9	2 36	22 3	5 4	13 19	2 31	20 28	2 26	2 53	0 20	4 14	1 2	10 32	2 47	5 33	0 47	3 54	1 55	33 8	12 35	17 26	17 49	9 13		n.a.
M10	3 1	25 10	4 51	13 48	2 34	20 49	2 28	3 10	0 20	4 19	1 2	10 34	2 47	5 34	0 47	3 53	1 55	33 9	12 36	17 28	17 50	9 10		n.a.
T 11	3 25	27 2	4 22	14 15	2 36	21 10	2 30	3 28	0 19	4 24	1 2	10 35	2 46	5 34	0 47	3 53	1 55	33 9	12 36	17 30	17 51	9 7		n.a.
W12	3 49	27 25	3 39	14 40	2 37	21 30	2 32	3 46	0 19	4 30	1 2	10 36	2 46	5 35	0 47	3 52	1 55	33 9	12 36	17 31	17 52	9 4		n.a.
T 13	4 13	26 11	2 43	15 3	2 38	21 50	2 35	4 4	0 18	4 35	1 2	10 38	2 46	5 36	0 47	3 51	1 55	33 9	12 37	17 31	17 53	9 1		n.a.
F 14	4 38	23 20	1 37	15 25	2 38	22 9	2 37	4 21	0 17	4 40	1 2	10 39	2 46	5 37	0 46	3 50	1 55	33 10	12 37	17 31	17 54	8 58		n.a.
S 15	5 2	19 2	0 23	15 44	2 37	22 27	2 39	4 39	0 17	4 46	1 1	10 40	2 46	5 38	0 46	3 49	1 55	33 10	12 38	17 31	17 54	8 54		n.a.
S 16	5 26	13 33	0s54	16 1	2 36	22 45	2 41	4 57	0 16	4 51	1 1	10 42	2 46	5 39	0 46	3 48	1 55	33 10	12 38	17 31	17 55	8 51		n.a.
M17	5 50	7 13	2 9	16 16	2 34	23 2	2 42	5 15	0 16	4 56	1 1	10 43	2 45	5 40	0 46	3 47	1 55	33 10	12 39	17 32	17 56	8 48		n.a.
T 18	6 14	0 25	3 15	16 27	2 30	23 19	2 44	5 32	0 15	5 2	1 1	10 44	2 45	5 40	0 46	3 47	1 55	33 11	12 39	17 33	17 57	8 45		n.a.
W19	6 37	6s24	4 8	16 36	2 26	23 35	2 46	5 50	0 14	5 7	1 1	10 45	2 45	5 41	0 46	3 46	1 55	33 11	12 40	17 35	17 58	8 42		n.a.
T 20	7 1	12 49	4 45	16 41	2 20	23 50	2 47	6 8	0 14	5 12	1 1	10 46	2 45	5 42	0 46	3 45	1 55	33 11	12 40	17 38	17 59	8 39		n.a.
F 21	7 25	18 26	5 1	16 42	2 13	24 5	2 49	6 25	0 13	5 18	1 1	10 47	2 45	5 43	0 46	3 44	1 55	33 11	12 40	17 41	18 0	8 35		n.a.
S 22	7 48	22 51	4 59	16 39	2 5	24 19	2 50	6 43	0 12	5 23	1 1	10 48	2 45	5 44	0 46	3 43	1 55	33 12	12 41	17 44	18 0	8 32		n.a.
S 23	8 12	25 50	4 39	16 32	1 55	24 32	2 51	7 0	0 12	5 28	1 1	10 49	2 44	5 44	0 46	3 42	1 55	33 12	12 41	17 47	18 1	8 29		n.a.
M24	8 35	27 15	4 4	16 21	1 44	24 45	2 52	7 18	0 11	5 33	1 1	10 50	2 44	5 45	0 46	3 42	1 55	33 12	12 42	17 49	18 2	8 26		n.a.
T 25	8 58	27 6	3 17	16 4	1 31	24 57	2 53	7 35	0 11	5 39	1 1	10 51	2 44	5 46	0 46	3 41	1 55	33 13	12 42	17 50	18 3	8 23		n.a.
W26	9 21	25 34	2 23	15 42	1 16	25 9	2 54	7 53	0 10	5 44	1 1	10 52	2 44	5 46	0 46	3 40	1 55	33 13	12 43	17 51	18 4	8 19		n.a.
T 27	9 44	22 51	1 23	15 15	1 0	25 19	2 55	8 10	0 9	5 49	1 1	10 53	2 44	5 47	0 46	3 39	1 55	33 13	12 43	17 51	18 5	8 16		n.a.
F 28	10 6	19 11	0 20	14 43	0 42	25 30	2 56	8 27	0 9	5 54	1 1	10 53	2 43	5 48	0 46	3 39	1 55	33 14	12 44	17 51	18 6	8 13		n.a.
S 29	10 29	14 48	0n43	14 6	0 23	25 39	2 56	8 45	0 8	6 0	1 1	10 54	2 43	5 48	0 46	3 38	1 55	33 14	12 44	17 51	18 7	8 10		n.a.
S 30	10 51	9 53	1 43	13 25	0 3	25 48	2 56	9 2	0 7	6 5	1 1	10 55	2 43	5 49	0 46	3 37	1 55	33 14	12 45	17 51	18 7	8 7		n.a.
M31	11s13	4s37	2n39	12s40	0n17	25s56	2s57	9s19	0n 7	6s10	1n 1	10s55	2s43	5s50	0s46	3n36	1n56	33n15	12n45	17s52	18s 8	8s 3		n.a.

Julian Day Number = 1353524.5, Delta T = 07h05m12s
Ecliptic obliquity = 23°49'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'52, Lahiri = -17°51'52 Julian Calendar 1 Oct. 1008 BCE == Greg. Calendar 21 Sept. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

NOVEMBER 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 2 17	29♎49'22	24♓12	2°R21	16♐30	24♎39	18♎ 3	8°R42	17°R12	25♍28	28♋26	10°R25	9♒31	4♓28	n.a.	T 1
W 2	2 6 13	0♏50'30	6♈17	0♏59	17°35	25°23	18°16	8♓40	17♓10	25°30	28°27	10♒15	9°28	4°34	n.a.	W 2
T 3	2 10 10	1°51'39	18°34	29♎36	18°41	26° 7	18°30	8°38	17° 8	25°32	28°27	10° 3	9°24	4°41	n.a.	T 3
F 4	2 14 7	2°52'49	1♉ 4	28°16	19°46	26°52	18°43	8°37	17° 7	25°34	28°27	9°49	9°21	4°48	n.a.	F 4
S 5	2 18 3	3°53'59	13°47	27° 1	20°51	27°36	18°56	8°35	17° 5	25°36	28°27	9°35	9°18	4°54	n.a.	S 5
S 6	2 22 0	4°55'10	26°42	25°54	21°56	28°20	19° 9	8°33	17° 4	25°38	28°27	9°22	9°15	5° 1	n.a.	S 6
M 7	2 25 56	5°56'22	9♊49	24°56	23° 1	29° 5	19°23	8°32	17° 3	25°39	28°27	9°10	9°12	5° 8	n.a.	M 7
T 8	2 29 53	6°57'34	23° 6	24° 8	24° 5	29°49	19°36	8°30	17° 1	25°41	28°27	9° 2	9° 9	5°14	n.a.	T 8
W 9	2 33 49	7°58'48	6♋33	23°31	25° 9	0♏34	19°49	8°29	17° 0	25°43	28°28	8°57	9° 5	5°21	n.a.	W 9
T 10	2 37 46	9° 0'02	20°10	23° 5	26°12	1°18	20° 2	8°28	16°59	25°45	28°R28	8°54	9° 2	5°28	n.a.	T 10
F 11	2 41 43	10° 1'17	3♌58	22°51	27°16	2° 3	20°15	8°27	16°57	25°46	28°27	8°53	8°59	5°34	n.a.	F 11
S 12	2 45 39	11° 2'33	17°56	22°D46	28°19	2°48	20°28	8°26	16°56	25°48	28°27	8°53	8°56	5°41	n.a.	S 12
S 13	2 49 36	12° 3'49	2♍ 6	22°52	29°21	3°32	20°41	8°25	16°55	25°50	28°27	8°52	8°53	5°48	n.a.	S 13
M14	2 53 32	13° 5'06	16°25	23° 7	0♑24	4°17	20°54	8°24	16°54	25°52	28°27	8°50	8°49	5°54	n.a.	M14
T 15	2 57 29	14° 6'24	0♎51	23°29	1°26	5° 2	21° 7	8°24	16°53	25°53	28°27	8°44	8°46	6° 1	n.a.	T 15
W16	3 1 25	15° 7'42	15°21	24° 0	2°27	5°47	21°20	8°23	16°52	25°55	28°27	8°35	8°43	6° 8	n.a.	W16
T 17	3 5 22	16° 9'01	29°48	24°37	3°29	6°32	21°33	8°23	16°51	25°56	28°27	8°24	8°40	6°14	n.a.	T 17
F 18	3 9 18	17°10'20	14♏ 5	25°20	4°29	7°17	21°46	8°23	16°50	25°58	28°26	8°11	8°37	6°21	n.a.	F 18
S 19	3 13 15	18°11'39	28° 6	26° 8	5°30	8° 2	21°59	8°22	16°49	26° 0	28°26	7°59	8°34	6°28	n.a.	S 19
S 20	3 17 12	19°12'58	11♐47	27° 1	6°30	8°47	22°11	8°D22	16°49	26° 1	28°26	7°47	8°30	6°34	n.a.	S 20
M21	3 21 8	20°14'18	25° 4	27°58	7°29	9°32	22°24	8°22	16°48	26° 3	28°25	7°38	8°27	6°41	n.a.	M21
T 22	3 25 5	21°15'37	7♑58	28°59	8°28	10°17	22°37	8°23	16°47	26° 4	28°25	7°32	8°24	6°48	n.a.	T 22
W23	3 29 1	22°16'56	20°30	0♏ 3	9°27	11° 2	22°49	8°23	16°46	26° 6	28°25	7°29	8°21	6°54	n.a.	W23
T 24	3 32 58	23°18'15	2♒43	1°10	10°25	11°47	23° 2	8°23	16°46	26° 7	28°24	7°D27	8°18	7° 1	n.a.	T 24
F 25	3 36 54	24°19'33	14°43	2°20	11°23	12°33	23°14	8°24	16°45	26° 8	28°24	7°27	8°15	7° 8	n.a.	F 25
S 26	3 40 51	25°20'51	26°34	3°32	12°20	13°18	23°27	8°24	16°45	26°10	28°23	7°R27	8°11	7°14	n.a.	S 26
S 27	3 44 48	26°22'08	8♓22	4°45	13°16	14° 3	23°39	8°25	16°44	26°11	28°23	7°27	8° 8	7°21	n.a.	S 27
M28	3 48 44	27°23'25	20°12	6° 1	14°12	14°49	23°52	8°26	16°44	26°12	28°22	7°24	8° 5	7°28	n.a.	M28
T 29	3 52 41	28°24'42	2♈11	7°18	15° 7	15°34	24° 4	8°27	16°44	26°14	28°22	7°19	8° 2	7°34	n.a.	T 29
W30	3 56 37	29♏25'58	14♈21	8♏37	16♑ 2	16♏19	24♎16	8♓28	16♓43	26♍15	28♋21	7♒11	7♒59	7♓41	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s35	0n51	3n29	11s54	0n38	26s 3	2s57	9s36	0n 6	6s15	1n 1	10s56	2s42	5s50	0s46	3n35	1n56	33n15	12n45	17s54	18s 9	8s 0		n.a.
W 2	11 57	6 20	4 10	11 6	0 58	26 10	2 57	9 53	0 5	6 20	1 1	10 57	2 42	5 51	0 46	3 35	1 56	33 16	12 46	17 57	18 10	7 57		n.a.
T 3	12 18	11 41	4 39	10 18	1 17	26 16	2 57	10 10	0 5	6 26	1 1	10 57	2 42	5 52	0 46	3 34	1 56	33 16	12 46	18 0	18 11	7 54		n.a.
F 4	12 40	16 38	4 56	9 33	1 35	26 21	2 56	10 27	0 4	6 31	1 1	10 58	2 42	5 52	0 46	3 33	1 56	33 16	12 47	18 4	18 12	7 51		n.a.
S 5	13 1	20 58	4 59	8 50	1 52	26 25	2 56	10 44	0 3	6 36	1 1	10 58	2 42	5 53	0 46	3 33	1 56	33 17	12 47	18 8	18 13	7 47		n.a.
S 6	13 22	24 22	4 46	8 12	2 6	26 29	2 55	11 0	0 3	6 41	1 1	10 58	2 41	5 53	0 46	3 32	1 56	33 17	12 48	18 12	18 13	7 44		n.a.
M 7	13 43	26 32	4 19	7 39	2 19	26 32	2 55	11 17	0 2	6 46	1 1	10 59	2 41	5 54	0 46	3 31	1 56	33 18	12 48	18 15	18 14	7 41		n.a.
T 8	14 3	27 14	3 37	7 12	2 29	26 34	2 54	11 34	0 1	6 51	1 1	10 59	2 41	5 54	0 46	3 30	1 56	33 18	12 49	18 17	18 15	7 38		n.a.
W 9	14 23	26 21	2 42	6 51	2 37	26 36	2 53	11 50	0 1	6 56	1 1	10 59	2 41	5 55	0 46	3 30	1 56	33 19	12 49	18 18	18 16	7 35		n.a.
T 10	14 43	23 53	1 37	6 36	2 43	26 37	2 52	12 7	0 0	7 1	1 1	11 0	2 40	5 55	0 46	3 29	1 56	33 19	12 50	18 19	18 17	7 31		n.a.
F 11	15 3	19 59	0 26	6 27	2 47	26 37	2 50	12 23	0s 1	7 6	1 1	11 0	2 40	5 56	0 46	3 28	1 56	33 19	12 50	18 19	18 18	7 28		n.a.
S 12	15 23	14 56	0s48	6 23	2 49	26 37	2 49	12 39	0 1	7 11	1 1	11 0	2 40	5 56	0 46	3 28	1 56	33 20	12 51	18 19	18 19	7 25		n.a.
S 13	15 42	9 2	1 59	6 25	2 50	26 36	2 47	12 55	0 2	7 16	1 1	11 0	2 40	5 57	0 46	3 27	1 56	33 20	12 51	18 19	18 19	7 22		n.a.
M14	16 1	2 37	3 4	6 31	2 49	26 34	2 45	13 11	0 3	7 21	1 1	11 0	2 39	5 57	0 46	3 27	1 56	33 21	12 51	18 20	18 20	7 19		n.a.
T 15	16 19	3s58	3 58	6 41	2 47	26 32	2 43	13 27	0 3	7 26	1 1	11 0	2 39	5 57	0 46	3 26	1 56	33 21	12 52	18 22	18 21	7 15		n.a.
W16	16 38	10 22	4 36	6 55	2 44	26 29	2 41	13 43	0 4	7 31	1 1	11 0	2 39	5 58	0 45	3 25	1 56	33 22	12 52	18 24	18 22	7 12		n.a.
T 17	16 56	16 11	4 57	7 12	2 41	26 25	2 39	13 59	0 5	7 36	1 1	11 0	2 39	5 58	0 45	3 25	1 56	33 22	12 53	18 27	18 23	7 9		n.a.
F 18	17 14	21 3	4 59	7 32	2 36	26 20	2 36	14 14	0 5	7 41	1 1	11 0	2 38	5 58	0 45	3 24	1 56	33 23	12 53	18 30	18 24	7 6		n.a.
S 19	17 31	24 38	4 42	7 54	2 31	26 15	2 33	14 30	0 6	7 45	1 1	11 0	2 38	5 59	0 45	3 24	1 56	33 23	12 54	18 34	18 24	7 3		n.a.
S 20	17 48	26 41	4 10	8 19	2 25	26 10	2 31	14 45	0 7	7 50	1 1	10 59	2 38	5 59	0 45	3 23	1 56	33 24	12 54	18 37	18 25	6 59		n.a.
M21	18 5	27 8	3 24	8 45	2 19	26 3	2 27	15 0	0 7	7 55	1 1	10 59	2 37	5 59	0 45	3 22	1 57	33 24	12 55	18 39	18 26	6 56		n.a.
T 22	18 22	26 4	2 30	9 13	2 13	25 56	2 24	15 16	0 8	8 0	1 1	10 59	2 37	5 59	0 45	3 22	1 57	33 25	12 55	18 41	18 27	6 53		n.a.
W23	18 38	23 41	1 29	9 43	2 6	25 49	2 21	15 31	0 9	8 5	1 1	10 58	2 37	6 0	0 45	3 21	1 57	33 25	12 55	18 41	18 28	6 50		n.a.
T 24	18 54	20 16	0 25	10 13	1 59	25 41	2 17	15 45	0 9	8 9	1 1	10 58	2 37	6 0	0 45	3 21	1 57	33 26	12 56	18 42	18 29	6 47		n.a.
F 25	19 9	16 4	0n39	10 44	1 51	25 32	2 13	16 0	0 10	8 14	1 1	10 58	2 36	6 0	0 45	3 20	1 57	33 26	12 56	18 42	18 29	6 43		n.a.
S 26	19 24	11 18	1 40	11 16	1 44	25 23	2 9	16 15	0 11	8 19	1 1	10 57	2 36	6 0	0 45	3 20	1 57	33 27	12 57	18 42	18 30	6 40		n.a.
S 27	19 39	6 9	2 37	11 48	1 36	25 13	2 5	16 29	0 11	8 23	1 1	10 57	2 36	6 0	0 45	3 19	1 57	33 27	12 57	18 42	18 31	6 37		n.a.
M28	19 53	0 47	3 27	12 21	1 29	25 3	2 0	16 43	0 12	8 28	1 1	10 56	2 36	6 0	0 45	3 19	1 57	33 28	12 58	18 43	18 32	6 34		n.a.
T 29	20 7	4n40	4 8	12 54	1 21	24 52	1 56	16 58	0 13	8 32	1 1	10 55	2 35	6 0	0 45	3 18	1 57	33 29	12 58	18 44	18 33	6 31		n.a.
W30	20s21	10n 1	4n39	13s27	1n13	24s40	1s51	17s12	0s13	8s37	1n 1	10s55	2s35	6s 1	0s45	3n18	1n57	33n29	12n58	18s46	18s34	6s27		n.a.

Julian Day Number = 1353555.5, Delta T = 07h05m11s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'48, Lahiri = -17°51'47 Julian Calendar 1 Nov. 1008 BCE == Greg. Calendar 22 Oct. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1008 BCE
geocentric

DECEMBER 1008 BCE (-1007) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 34	0♐27'13	26♈46	9♏57	16♉56	17♏ 5	24♎28	8♓29	16°R43	26♍16	28°R20	7°R 1	7♒55	7♓48	n.a.	T 1
F 2	4 4 30	1°28'28	9♉28	11°18	17°49	17°50	24°40	8°31	16♓43	26°17	28♋20	6♒49	7°52	7°54	n.a.	F 2
S 3	4 8 27	2°29'43	22°28	12°40	18°42	18°36	24°53	8°32	16°43	26°19	28°19	6°37	7°49	8° 1	n.a.	S 3
S 4	4 12 23	3°30'57	5♊44	14° 3	19°33	19°21	25° 5	8°33	16°43	26°20	28°18	6°26	7°46	8° 8	n.a.	S 4
M 5	4 16 20	4°32'11	19°15	15°27	20°24	20° 7	25°16	8°35	16°D43	26°21	28°18	6°16	7°43	8°14	n.a.	M 5
T 6	4 20 17	5°33'24	2♋58	16°52	21°15	20°53	25°28	8°37	16°43	26°22	28°17	6° 9	7°40	8°21	n.a.	T 6
W 7	4 24 13	6°34'37	16°50	18°18	22° 4	21°38	25°40	8°39	16°43	26°23	28°16	6° 5	7°36	8°28	n.a.	W 7
T 8	4 28 10	7°35'50	0♌47	19°44	22°52	22°24	25°52	8°41	16°43	26°24	28°15	6°D 4	7°33	8°34	n.a.	T 8
F 9	4 32 6	8°37'02	14°49	21°11	23°40	23°10	26° 3	8°43	16°43	26°25	28°14	6° 4	7°30	8°41	n.a.	F 9
S 10	4 36 3	9°38'13	28°54	22°39	24°27	23°56	26°15	8°45	16°43	26°26	28°13	6° 5	7°27	8°48	n.a.	S 10
S 11	4 39 59	10°39'24	13♍ 0	24° 8	25°12	24°42	26°26	8°47	16°44	26°27	28°12	6°R 5	7°24	8°54	n.a.	S 11
M12	4 43 56	11°40'35	27° 7	25°37	25°57	25°27	26°38	8°50	16°44	26°28	28°12	6° 4	7°21	9° 1	n.a.	M12
T 13	4 47 53	12°41'45	11♎13	27° 6	26°41	26°13	26°49	8°52	16°44	26°29	28°11	6° 0	7°17	9° 8	n.a.	T 13
W14	4 51 49	13°42'55	25°16	28°37	27°23	26°59	27° 0	8°55	16°45	26°29	28°10	5°55	7°14	9°14	n.a.	W14
T 15	4 55 46	14°44'04	9♏14	0♐ 8	28° 4	27°45	27°12	8°57	16°45	26°30	28° 9	5°47	7°11	9°21	n.a.	T 15
F 16	4 59 42	15°45'12	23° 3	1°39	28°45	28°31	27°23	9° 0	16°46	26°31	28° 8	5°38	7° 8	9°28	n.a.	F 16
S 17	5 3 39	16°46'20	6♐39	3°11	29°24	29°17	27°34	9° 3	16°47	26°32	28° 6	5°29	7° 5	9°34	n.a.	S 17
S 18	5 7 35	17°47'27	20° 0	4°44	0♒ 1	0♐ 3	27°45	9° 6	16°47	26°32	28° 5	5°21	7° 1	9°41	n.a.	S 18
M19	5 11 32	18°48'32	3♑ 3	6°18	0°38	0°49	27°55	9° 9	16°48	26°33	28° 4	5°15	6°58	9°48	n.a.	M19
T 20	5 15 28	19°49'37	15°48	7°52	1°12	1°36	28° 6	9°13	16°49	26°34	28° 3	5°11	6°55	9°54	n.a.	T 20
W21	5 19 25	20°50'40	28°15	9°26	1°46	2°22	28°17	9°16	16°49	26°34	28° 2	5° 9	6°52	10° 1	n.a.	W21
T 22	5 23 22	21°51'42	10♒27	11° 1	2°18	3° 8	28°27	9°19	16°50	26°35	28° 1	5°D 8	6°49	10° 8	n.a.	T 22
F 23	5 27 18	22°52'43	22°27	12°37	2°48	3°54	28°38	9°23	16°51	26°35	28° 0	5°10	6°46	10°14	n.a.	F 23
S 24	5 31 15	23°53'42	4♓19	14°14	3°17	4°40	28°48	9°27	16°52	26°36	27°58	5°11	6°42	10°21	n.a.	S 24
S 25	5 35 11	24°54'40	16° 8	15°51	3°44	5°27	28°58	9°30	16°53	26°36	27°57	5°13	6°39	10°28	n.a.	S 25
M26	5 39 8	25°55'36	27°59	17°29	4° 9	6°13	29° 8	9°34	16°54	26°37	27°56	5°R13	6°36	10°34	n.a.	M26
T 27	5 43 4	26°56'30	9♈57	19° 8	4°33	6°59	29°18	9°38	16°55	26°37	27°55	5°12	6°33	10°41	n.a.	T 27
W28	5 47 1	27°57'23	22° 8	20°47	4°54	7°45	29°28	9°42	16°56	26°37	27°53	5° 9	6°30	10°48	n.a.	W28
T 29	5 50 57	28°58'15	4♉35	22°27	5°14	8°32	29°38	9°46	16°58	26°38	27°52	5° 5	6°27	10°54	n.a.	T 29
F 30	5 54 54	29°59'05	17°22	24° 8	5°31	9°18	29°48	9°50	16°59	26°38	27°51	5° 0	6°23	11° 1	n.a.	F 30
S 31	5 58 51	0♑59'53	0♊30	25♐49	5♒47	10♐ 4	29♎57	9♓55	17♓ 0	26♍38	27♋49	4♒54	6♒20	11♓ 8	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20s34	15n 5	4n58	14s 0	1n 5	24s28	1s46	17s25	0s14	8s41	1n 1	10s54	2s35	6s 1	0s45	3n18	1n57	33n30	12n59	18s49	18s34	6s24			n.a.
F 2	20 47	19 38	5 2	14 33	0 57	24 16	1 40	17 39	0 15	8 46	1 1	10 53	2 35	6 1	0 45	3 17	1 57	33 30	12 59	18 52	18 35	6 21			n.a.
S 3	20 59	23 22	4 51	15 6	0 49	24 3	1 35	17 53	0 15	8 50	1 1	10 53	2 34	6 1	0 45	3 17	1 57	33 31	13 0	18 55	18 36	6 18			n.a.
S 4	21 11	25 56	4 25	15 39	0 42	23 50	1 29	18 6	0 16	8 55	1 1	10 52	2 34	6 1	0 45	3 16	1 57	33 31	13 0	18 58	18 37	6 14			n.a.
M 5	21 23	27 4	3 43	16 11	0 34	23 36	1 23	18 19	0 17	8 59	1 1	10 51	2 34	6 1	0 45	3 16	1 57	33 32	13 1	19 0	18 38	6 11			n.a.
T 6	21 34	26 34	2 47	16 43	0 26	23 22	1 17	18 32	0 17	9 3	1 1	10 50	2 33	6 1	0 45	3 16	1 57	33 32	13 1	19 2	18 39	6 8			n.a.
W 7	21 45	24 24	1 41	17 15	0 19	23 8	1 10	18 45	0 18	9 8	1 1	10 49	2 33	6 0	0 45	3 15	1 58	33 33	13 1	19 3	18 39	6 5			n.a.
T 8	21 55	20 45	0 28	17 46	0 11	22 53	1 4	18 58	0 19	9 12	1 1	10 48	2 33	6 0	0 45	3 15	1 58	33 34	13 2	19 3	18 40	6 2			n.a.
F 9	22 5	15 54	0s47	18 17	0 4	22 38	0 57	19 10	0 19	9 16	1 1	10 47	2 33	6 0	0 45	3 14	1 58	33 34	13 2	19 3	18 41	5 58			n.a.
S 10	22 15	10 11	1 59	18 47	0s 3	22 23	0 50	19 22	0 20	9 20	1 1	10 46	2 32	6 0	0 45	3 14	1 58	33 35	13 2	19 3	18 42	5 55			n.a.
S 11	22 24	3 57	3 5	19 16	0 11	22 7	0 42	19 35	0 21	9 25	1 1	10 45	2 32	6 0	0 44	3 14	1 58	33 35	13 3	19 3	18 43	5 52			n.a.
M12	22 32	2s29	3 59	19 45	0 18	21 51	0 34	19 46	0 21	9 29	1 1	10 44	2 32	6 0	0 44	3 14	1 58	33 36	13 3	19 3	18 44	5 49			n.a.
T 13	22 41	8 46	4 38	20 13	0 25	21 35	0 26	19 58	0 22	9 33	1 1	10 42	2 32	6 0	0 44	3 13	1 58	33 36	13 4	19 4	18 44	5 45			n.a.
W14	22 48	14 35	5 1	20 40	0 31	21 19	0 18	20 10	0 23	9 37	1 1	10 41	2 31	5 59	0 44	3 13	1 58	33 37	13 4	19 5	18 45	5 42			n.a.
T 15	22 56	19 37	5 6	21 7	0 38	21 2	0 10	20 21	0 23	9 41	1 1	10 40	2 31	5 59	0 44	3 13	1 58	33 38	13 4	19 7	18 46	5 39			n.a.
F 16	23 2	23 32	4 53	21 32	0 44	20 45	0 1	20 32	0 24	9 45	1 1	10 39	2 31	5 59	0 44	3 12	1 58	33 38	13 5	19 10	18 47	5 36			n.a.
S 17	23 9	26 4	4 23	21 57	0 50	20 28	0n 8	20 43	0 25	9 49	1 1	10 37	2 31	5 59	0 44	3 12	1 58	33 39	13 5	19 12	18 48	5 33			n.a.
S 18	23 15	27 4	3 39	22 21	0 56	20 11	0 17	20 54	0 26	9 53	1 1	10 36	2 30	5 58	0 44	3 12	1 58	33 39	13 5	19 14	18 48	5 29			n.a.
M19	23 20	26 31	2 45	22 43	1 2	19 54	0 27	21 4	0 26	9 57	1 2	10 34	2 30	5 58	0 44	3 12	1 58	33 40	13 6	19 15	18 49	5 26			n.a.
T 20	23 25	24 34	1 43	23 5	1 8	19 36	0 37	21 15	0 27	10 0	1 2	10 33	2 30	5 58	0 44	3 12	1 58	33 40	13 6	19 16	18 50	5 23			n.a.
W21	23 30	21 27	0 37	23 25	1 13	19 19	0 47	21 25	0 28	10 4	1 2	10 31	2 30	5 57	0 44	3 11	1 58	33 41	13 6	19 17	18 51	5 20			n.a.
T 22	23 34	17 26	0n29	23 45	1 18	19 2	0 57	21 34	0 28	10 8	1 2	10 30	2 29	5 57	0 44	3 11	1 59	33 42	13 7	19 17	18 52	5 16			n.a.
F 23	23 37	12 48	1 33	24 3	1 23	18 44	1 8	21 44	0 29	10 12	1 2	10 28	2 29	5 57	0 44	3 11	1 59	33 42	13 7	19 17	18 53	5 13			n.a.
S 24	23 40	7 44	2 32	24 20	1 28	18 27	1 19	21 53	0 30	10 15	1 2	10 27	2 29	5 56	0 44	3 11	1 59	33 43	13 7	19 16	18 53	5 10			n.a.
S 25	23 43	2 26	3 24	24 35	1 32	18 10	1 30	22 3	0 30	10 19	1 2	10 25	2 29	5 56	0 44	3 11	1 59	33 43	13 8	19 16	18 54	5 7			n.a.
M26	23 45	2n58	4 8	24 49	1 37	17 53	1 41	22 12	0 31	10 23	1 2	10 23	2 28	5 55	0 44	3 11	1 59	33 44	13 8	19 16	18 55	5 4			n.a.
T 27	23 47	8 18	4 42	25 2	1 40	17 36	1 53	22 20	0 32	10 26	1 2	10 22	2 28	5 55	0 44	3 11	1 59	33 44	13 8	19 16	18 56	5 0			n.a.
W28	23 48	13 25	5 3	25 13	1 44	17 19	2 5	22 29	0 32	10 30	1 2	10 20	2 28	5 54	0 44	3 11	1 59	33 45	13 8	19 17	18 57	4 57			n.a.
T 29	23 49	18 7	5 11	25 23	1 47	17 2	2 17	22 37	0 33	10 33	1 2	10 18	2 28	5 54	0 44	3 11	1 59	33 45	13 9	19 18	18 57	4 54			n.a.
F 30	23 49	22 8	5 4	25 31	1 50	16 46	2 30	22 45	0 34	10 36	1 2	10 16	2 27	5 53	0 44	3 11	1 59	33 46	13 9	19 19	18 58	4 51			n.a.
S 31	23s49	25n 9	4n41	25s38	1s53	16s30	2n43	22s53	0s34	10s40	1n 2	10s14	2s27	5s53	0s44	3n10	1n59	33n47	13n 9	19s21	18s59	4s47			n.a.

Julian Day Number = 1353585.5, Delta T = 07h05m09s
Ecliptic obliquity = 23°49'01, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'44, Lahiri = -17°51'43 Julian Calendar 1 Dec. 1008 BCE == Greg. Calendar 21 Nov. 1008 BCE

The year -1007 astronomical counting style corresponds to year 1008 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

JANUARY 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 2 47	2♉ 0'40	14♊ 1	27♐32	6♒ 0	10♐51	0♏ 7	9♓59	17♓ 2	26♍38	27°R48	4°R48	6♒17	11♓14	n.a.	S 1
M 2	6 6 44	3° 1'25	27°51	29°15	6°11	11°37	0°16	10° 3	17° 3	26°39	27♋47	4♒43	6°14	11°21	n.a.	M 2
T 3	6 10 40	4° 2'08	11♋59	0♉59	6°20	12°24	0°26	10° 8	17° 4	26°39	27°45	4°40	6°11	11°28	n.a.	T 3
W 4	6 14 37	5° 2'51	26°18	2°43	6°26	13°10	0°35	10°13	17° 6	26°39	27°44	4°38	6° 7	11°34	n.a.	W 4
T 5	6 18 33	6° 3'31	10♌44	4°29	6°30	13°57	0°44	10°17	17° 8	26°39	27°43	4°D38	6° 4	11°41	n.a.	T 5
F 6	6 22 30	7° 4'10	25°12	6°15	6°R32	14°43	0°53	10°22	17° 9	26°39	27°41	4°39	6° 1	11°48	n.a.	F 6
S 7	6 26 27	8° 4'48	9♍37	8° 2	6°31	15°30	1° 1	10°27	17°11	26°R39	27°40	4°41	5°58	11°54	n.a.	S 7
S 8	6 30 23	9° 5'24	23°55	9°50	6°28	16°16	1°10	10°32	17°12	26°39	27°38	4°42	5°55	12° 1	n.a.	S 8
M 9	6 34 20	10° 5'59	8♎ 5	11°39	6°22	17° 3	1°19	10°37	17°14	26°39	27°37	4°R43	5°52	12° 8	n.a.	M 9
T 10	6 38 16	11° 6'33	22° 4	13°29	6°13	17°49	1°27	10°42	17°16	26°39	27°35	4°42	5°48	12°14	n.a.	T 10
W11	6 42 13	12° 7'05	5♏51	15°19	6° 2	18°36	1°35	10°47	17°18	26°39	27°34	4°41	5°45	12°21	n.a.	W11
T 12	6 46 9	13° 7'36	19°27	17°10	5°49	19°23	1°44	10°53	17°20	26°39	27°32	4°38	5°42	12°28	n.a.	T 12
F 13	6 50 6	14° 8'06	2♐49	19° 1	5°33	20° 9	1°52	10°58	17°21	26°38	27°31	4°35	5°39	12°34	n.a.	F 13
S 14	6 54 2	15° 8'33	15°59	20°53	5°15	20°56	2° 0	11° 3	17°23	26°38	27°29	4°32	5°36	12°41	n.a.	S 14
S 15	6 57 59	16° 9'00	28°55	22°45	4°54	21°43	2° 7	11° 9	17°25	26°38	27°28	4°29	5°33	12°48	n.a.	S 15
M16	7 1 56	17° 9'24	11♑37	24°38	4°31	22°29	2°15	11°14	17°27	26°38	27°26	4°27	5°29	12°54	n.a.	M16
T 17	7 5 52	18° 9'46	24° 6	26°31	4° 6	23°16	2°22	11°20	17°30	26°37	27°25	4°26	5°26	13° 1	n.a.	T 17
W18	7 9 49	19°10'07	6♒23	28°23	3°38	24° 3	2°30	11°26	17°32	26°37	27°23	4°D26	5°23	13° 8	n.a.	W18
T 19	7 13 45	20°10'26	18°28	0♒16	3° 9	24°50	2°37	11°32	17°34	26°37	27°22	4°26	5°20	13°14	n.a.	T 19
F 20	7 17 42	21°10'42	0♓25	2° 7	2°38	25°36	2°44	11°37	17°36	26°36	27°20	4°27	5°17	13°21	n.a.	F 20
S 21	7 21 38	22°10'56	12°16	3°58	2° 5	26°23	2°51	11°43	17°38	26°36	27°19	4°29	5°13	13°28	n.a.	S 21
S 22	7 25 35	23°11'09	24° 6	5°48	1°31	27°10	2°58	11°49	17°40	26°35	27°17	4°30	5°10	13°34	n.a.	S 22
M23	7 29 31	24°11'19	5♈56	7°36	0°55	27°56	3° 4	11°55	17°43	26°35	27°16	4°31	5° 7	13°41	n.a.	M23
T 24	7 33 28	25°11'26	17°54	9°23	0°19	28°43	3°11	12° 2	17°45	26°34	27°14	4°31	5° 4	13°48	n.a.	T 24
W25	7 37 25	26°11'32	0♉ 2	11° 6	29♑42	29°30	3°17	12° 8	17°48	26°34	27°13	4°R31	5° 1	13°54	n.a.	W25
T 26	7 41 21	27°11'35	12°27	12°47	29° 4	0♑17	3°23	12°14	17°50	26°33	27°11	4°31	4°58	14° 1	n.a.	T 26
F 27	7 45 18	28°11'36	25°11	14°24	28°26	1° 4	3°29	12°20	17°52	26°32	27° 9	4°30	4°54	14° 8	n.a.	F 27
S 28	7 49 14	29°11'35	8♊19	15°58	27°48	1°50	3°35	12°27	17°55	26°32	27° 8	4°30	4°51	14°15	n.a.	S 28
S 29	7 53 11	0♒11'31	21°51	17°27	27°11	2°37	3°41	12°33	17°57	26°31	27° 6	4°29	4°48	14°21	n.a.	S 29
M30	7 57 7	1°11'25	5♋49	18°50	26°34	3°24	3°46	12°40	18° 0	26°30	27° 5	4°29	4°45	14°28	n.a.	M30
T 31	8 1 4	2♒11'17	20♋10	20♒ 8	25♑57	4♑11	3♏52	12♓46	18♓ 3	26♍29	27♋ 3	4♒29	4♒42	14♓35	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23s48	26n51	4n 2	25s43	1s55	16s14	2n56	23s 0	0s35	10s43	1n 2	10s12	2s27	5s52	0s44	3n10	1n59	33n47	13n10	19s22	19s 0	4s44			n.a.
M 2	23 47	26 56	3 8	25 46	1 57	15 58	3 9	23 7	0 36	10 46	1 3	10 11	2 27	5 52	0 44	3 10	1 59	33 48	13 10	19 23	19 1	4 41			n.a.
T 3	23 45	25 16	2 1	25 47	1 58	15 43	3 22	23 14	0 36	10 50	1 3	10 9	2 27	5 51	0 44	3 10	1 59	33 48	13 10	19 24	19 1	4 38			n.a.
W 4	23 43	21 58	0 46	25 47	1 59	15 29	3 36	23 21	0 37	10 53	1 3	10 7	2 26	5 50	0 44	3 10	1 59	33 49	13 10	19 24	19 2	4 35			n.a.
T 5	23 41	17 17	0s33	25 44	2 0	15 14	3 49	23 27	0 38	10 56	1 3	10 5	2 26	5 50	0 43	3 10	2 0	33 49	13 11	19 24	19 3	4 31			n.a.
F 6	23 37	11 36	1 51	25 40	2 0	15 1	4 3	23 33	0 38	10 59	1 3	10 3	2 26	5 49	0 43	3 11	2 0	33 50	13 11	19 24	19 4	4 28			n.a.
S 7	23 34	5 18	3 0	25 34	2 0	14 47	4 17	23 39	0 39	11 2	1 3	10 0	2 26	5 48	0 43	3 11	2 0	33 50	13 11	19 24	19 5	4 25			n.a.
S 8	23 30	1s11	3 59	25 26	1 59	14 35	4 31	23 45	0 39	11 5	1 3	9 58	2 25	5 48	0 43	3 11	2 0	33 51	13 11	19 23	19 5	4 22			n.a.
M 9	23 26	7 33	4 41	25 15	1 58	14 23	4 45	23 50	0 40	11 8	1 3	9 56	2 25	5 47	0 43	3 11	2 0	33 51	13 11	19 23	19 6	4 18			n.a.
T 10	23 21	13 27	5 7	25 3	1 56	14 11	4 59	23 56	0 41	11 11	1 3	9 54	2 25	5 46	0 43	3 11	2 0	33 52	13 12	19 23	19 7	4 15			n.a.
W11	23 15	18 37	5 15	24 49	1 54	14 0	5 13	24 0	0 41	11 13	1 3	9 52	2 25	5 45	0 43	3 11	2 0	33 52	13 12	19 24	19 8	4 12			n.a.
T 12	23 9	22 44	5 4	24 32	1 51	13 50	5 27	24 5	0 42	11 16	1 3	9 50	2 25	5 45	0 43	3 11	2 0	33 53	13 12	19 24	19 9	4 9			n.a.
F 13	23 3	25 35	4 37	24 13	1 48	13 41	5 41	24 9	0 43	11 19	1 3	9 47	2 24	5 44	0 43	3 11	2 0	33 53	13 12	19 25	19 9	4 5			n.a.
S 14	22 56	26 59	3 56	23 52	1 44	13 32	5 54	24 13	0 43	11 22	1 4	9 45	2 24	5 43	0 43	3 11	2 0	33 54	13 12	19 26	19 10	4 2			n.a.
S 15	22 49	26 52	3 4	23 29	1 39	13 24	6 7	24 17	0 44	11 24	1 4	9 43	2 24	5 42	0 43	3 12	2 0	33 54	13 12	19 26	19 11	3 59			n.a.
M16	22 42	25 20	2 3	23 4	1 34	13 17	6 20	24 21	0 45	11 27	1 4	9 40	2 24	5 41	0 43	3 12	2 0	33 55	13 13	19 27	19 12	3 56			n.a.
T 17	22 34	22 34	0 57	22 37	1 27	13 11	6 33	24 24	0 45	11 29	1 4	9 38	2 24	5 41	0 43	3 12	2 0	33 55	13 13	19 27	19 13	3 53			n.a.
W18	22 25	18 48	0n11	22 8	1 21	13 5	6 45	24 27	0 46	11 32	1 4	9 36	2 24	5 40	0 43	3 12	2 0	33 56	13 13	19 27	19 13	3 49			n.a.
T 19	22 16	14 19	1 17	21 36	1 13	13 0	6 57	24 29	0 46	11 34	1 4	9 33	2 23	5 39	0 43	3 12	2 1	33 56	13 13	19 27	19 14	3 46			n.a.
F 20	22 7	9 20	2 19	21 3	1 5	12 56	7 8	24 32	0 47	11 37	1 4	9 31	2 23	5 38	0 43	3 13	2 1	33 57	13 13	19 27	19 15	3 43			n.a.
S 21	21 57	4 4	3 15	20 29	0 56	12 53	7 18	24 34	0 48	11 39	1 4	9 28	2 23	5 37	0 43	3 13	2 1	33 57	13 13	19 27	19 16	3 40			n.a.
S 22	21 47	1n19	4 2	19 52	0 47	12 51	7 28	24 35	0 48	11 41	1 4	9 26	2 23	5 36	0 43	3 13	2 1	33 58	13 13	19 26	19 16	3 36			n.a.
M23	21 37	6 39	4 39	19 15	0 37	12 50	7 37	24 37	0 49	11 43	1 5	9 23	2 23	5 35	0 43	3 13	2 1	33 58	13 13	19 26	19 17	3 33			n.a.
T 24	21 26	11 48	5 4	18 36	0 26	12 50	7 45	24 38	0 50	11 45	1 5	9 21	2 22	5 34	0 43	3 14	2 1	33 58	13 14	19 26	19 18	3 30			n.a.
W25	21 15	16 35	5 16	17 56	0 14	12 50	7 53	24 39	0 50	11 47	1 5	9 18	2 22	5 33	0 43	3 14	2 1	33 59	13 14	19 26	19 19	3 27			n.a.
T 26	21 3	20 47	5 14	17 16	0 2	12 51	7 59	24 40	0 51	11 50	1 5	9 16	2 22	5 32	0 43	3 14	2 1	33 59	13 14	19 26	19 20	3 24			n.a.
F 27	20 51	24 9	4 57	16 35	0n11	12 53	8 5	24 40	0 51	11 51	1 5	9 13	2 22	5 31	0 43	3 15	2 1	34 0	13 14	19 26	19 20	3 20			n.a.
S 28	20 38	26 23	4 24	15 55	0 24	12 56	8 9	24 40	0 52	11 53	1 5	9 10	2 22	5 30	0 43	3 15	2 1	34 0	13 14	19 26	19 21	3 17			n.a.
S 29	20 26	27 9	3 35	15 15	0 38	12 59	8 13	24 40	0 52	11 55	1 5	9 8	2 22	5 29	0 43	3 15	2 1	34 1	13 14	19 26	19 22	3 14			n.a.
M30	20 13	26 14	2 33	14 35	0 52	13 3	8 16	24 39	0 53	11 57	1 5	9 5	2 22	5 28	0 43	3 16	2 1	34 1	13 14	19 27	19 23	3 11			n.a.
T 31	19s59	23n34	1n19	13s57	1n 7	13s 8	8n18	24s39	0s54	11s59	1n 5	9s 3	2s21	5s27	0s43	3n16	2n 1	34n 1	13n14	19s27	19s23	3s 7			n.a.

Julian Day Number = 1353616.5, Delta T = 07h05m08s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'39, Lahiri = -17°51'39 Julian Calendar 1 Jan. 1007 BCE == Greg. Calendar 22 Dec. 1008 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

FEBRUARY 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 5 0	3♒11'07	4♌49	21♒20	25°R22	4♉57	3♏57	12♓53	18♓ 5	26°R29	27°R 2	4°D29	4♒39	14♓41	n.a.	W 1
T 2	8 8 57	4°10'55	19°40	22°25	24♉48	5°44	4° 2	12°59	18° 8	26♍28	27♋ 0	4°R29	4°35	14°48	n.a.	T 2
F 3	8 12 54	5°10'40	4♍36	23°23	24°15	6°31	4° 7	13° 6	18°11	26°27	26°59	4♒29	4°32	14°55	n.a.	F 3
S 4	8 16 50	6°10'24	19°27	24°13	23°44	7°18	4°12	13°13	18°13	26°26	26°57	4°28	4°29	15° 1	n.a.	S 4
S 5	8 20 47	7°10'06	4♎ 8	24°56	23°15	8° 5	4°16	13°19	18°16	26°25	26°56	4°28	4°26	15° 8	n.a.	S 5
M 6	8 24 43	8° 9'45	18°33	25°30	22°48	8°51	4°21	13°26	18°19	26°24	26°54	4°28	4°23	15°15	n.a.	M 6
T 7	8 28 40	9° 9'23	2♏38	25°57	22°23	9°38	4°25	13°33	18°22	26°23	26°53	4°28	4°19	15°21	n.a.	T 7
W 8	8 32 36	10° 9'00	16°24	26°14	22° 0	10°25	4°29	13°40	18°24	26°22	26°51	4°D28	4°16	15°28	n.a.	W 8
T 9	8 36 33	11° 8'34	29°49	26°24	21°39	11°12	4°33	13°47	18°27	26°21	26°50	4°28	4°13	15°35	n.a.	T 9
F 10	8 40 29	12° 8'06	12♐56	26°R25	21°21	11°58	4°36	13°54	18°30	26°20	26°48	4°29	4°10	15°41	n.a.	F 10
S 11	8 44 26	13° 7'37	25°45	26°17	21° 5	12°45	4°40	14° 1	18°33	26°19	26°47	4°29	4° 7	15°48	n.a.	S 11
S 12	8 48 23	14° 7'06	8♑21	26° 2	20°52	13°32	4°43	14° 8	18°36	26°18	26°45	4°30	4° 4	15°55	n.a.	S 12
M13	8 52 19	15° 6'32	20°44	25°40	20°41	14°19	4°46	14°15	18°39	26°17	26°44	4°31	4° 0	16° 1	n.a.	M13
T 14	8 56 16	16° 5'57	2♒56	25°11	20°33	15° 6	4°49	14°23	18°42	26°16	26°42	4°R31	3°57	16° 8	n.a.	T 14
W15	9 0 12	17° 5'19	15° 0	24°36	20°27	15°52	4°52	14°30	18°45	26°15	26°41	4°31	3°54	16°15	n.a.	W15
T 16	9 4 9	18° 4'39	26°58	23°56	20°23	16°39	4°55	14°37	18°48	26°14	26°39	4°30	3°51	16°21	n.a.	T 16
F 17	9 8 5	19° 3'57	8♓50	23°12	20°D22	17°26	4°57	14°44	18°51	26°12	26°38	4°29	3°48	16°28	n.a.	F 17
S 18	9 12 2	20° 3'13	20°40	22°24	20°24	18°12	5° 0	14°52	18°54	26°11	26°36	4°26	3°45	16°35	n.a.	S 18
S 19	9 15 58	21° 2'26	2♈30	21°34	20°27	18°59	5° 2	14°59	18°57	26°10	26°35	4°24	3°41	16°41	n.a.	S 19
M20	9 19 55	22° 1'37	14°22	20°42	20°33	19°46	5° 4	15° 6	19° 0	26° 9	26°34	4°21	3°38	16°48	n.a.	M20
T 21	9 23 51	23° 0'45	26°20	19°51	20°42	20°32	5° 5	15°14	19° 4	26° 7	26°32	4°19	3°35	16°55	n.a.	T 21
W22	9 27 48	23°59'52	8♉28	19° 0	20°52	21°19	5° 7	15°21	19° 7	26° 6	26°31	4°17	3°32	17° 2	n.a.	W22
T 23	9 31 45	24°58'55	20°49	18°12	21° 4	22° 6	5° 8	15°29	19°10	26° 5	26°30	4°D16	3°29	17° 8	n.a.	T 23
F 24	9 35 41	25°57'57	3♊28	17°25	21°19	22°52	5° 9	15°36	19°13	26° 4	26°28	4°16	3°25	17°15	n.a.	F 24
S 25	9 39 38	26°56'56	16°29	16°43	21°35	23°39	5°10	15°44	19°16	26° 2	26°27	4°17	3°22	17°22	n.a.	S 25
S 26	9 43 34	27°55'52	29°55	16° 4	21°54	24°26	5°11	15°51	19°20	26° 1	26°26	4°19	3°19	17°28	n.a.	S 26
M27	9 47 31	28°54'46	13♋48	15°30	22°14	25°12	5°12	15°59	19°23	25°59	26°24	4°20	3°16	17°35	n.a.	M27
T 28	9 51 27	29♒53'38	28♋ 8	15♒ 0	22♑36	25♑59	5♏12	16♓ 6	19♓26	25♍58	26♋23	4°R21	3♒13	17♓42	n.a.	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s45	19n20	0s 2	13s20	1n21	13s13	8n19	24s38	0s54	12s 0	1n 5	9s 0	2s21	5s26	0s43	3n16	2n 1	34n 2	13n14	19s27	19s24	3s 4		n.a.
T 2	19 31	13 50	1 23	12 45	1 36	13 19	8 19	24 36	0 55	12 2	1 6	8 57	2 21	5 25	0 43	3 17	2 1	34 2	13 14	19 27	19 25	3 1		n.a.
F 3	19 16	7 30	2 40	12 12	1 50	13 26	8 18	24 35	0 55	12 4	1 6	8 54	2 21	5 24	0 42	3 17	2 1	34 2	13 14	19 27	19 26	2 58		n.a.
S 4	19 1	0 48	3 45	11 42	2 4	13 33	8 16	24 33	0 56	12 5	1 6	8 52	2 21	5 23	0 42	3 17	2 2	34 3	13 14	19 27	19 27	2 55		n.a.
S 5	18 46	5s51	4 34	11 15	2 18	13 40	8 14	24 30	0 56	12 7	1 6	8 49	2 21	5 22	0 42	3 18	2 2	34 3	13 14	19 27	19 27	2 51		n.a.
M 6	18 31	12 4	5 5	10 50	2 32	13 48	8 11	24 28	0 57	12 8	1 6	8 46	2 21	5 20	0 42	3 18	2 2	34 3	13 14	19 27	19 28	2 48		n.a.
T 7	18 15	17 32	5 17	10 29	2 45	13 55	8 6	24 25	0 58	12 9	1 6	8 43	2 21	5 19	0 42	3 19	2 2	34 4	13 14	19 27	19 29	2 45		n.a.
W 8	17 59	21 57	5 11	10 12	2 57	14 4	8 2	24 22	0 58	12 11	1 6	8 40	2 20	5 18	0 42	3 19	2 2	34 4	13 14	19 27	19 30	2 42		n.a.
T 9	17 42	25 6	4 47	9 59	3 8	14 12	7 56	24 19	0 59	12 12	1 6	8 38	2 20	5 17	0 42	3 20	2 2	34 4	13 14	19 27	19 30	2 38		n.a.
F 10	17 25	26 49	4 9	9 49	3 18	14 21	7 50	24 15	0 59	12 13	1 7	8 35	2 20	5 16	0 42	3 20	2 2	34 5	13 14	19 27	19 31	2 35		n.a.
S 11	17 8	27 4	3 19	9 43	3 26	14 30	7 44	24 11	1 0	12 14	1 7	8 32	2 20	5 15	0 42	3 21	2 2	34 5	13 14	19 26	19 32	2 32		n.a.
S 12	16 51	25 53	2 20	9 41	3 34	14 39	7 37	24 7	1 0	12 15	1 7	8 29	2 20	5 13	0 42	3 21	2 2	34 5	13 14	19 26	19 33	2 29		n.a.
M13	16 34	23 26	1 16	9 43	3 40	14 48	7 29	24 2	1 1	12 16	1 7	8 26	2 20	5 12	0 42	3 22	2 2	34 5	13 14	19 26	19 33	2 26		n.a.
T 14	16 16	19 57	0 9	9 49	3 44	14 57	7 21	23 58	1 1	12 17	1 7	8 23	2 20	5 11	0 42	3 22	2 2	34 6	13 14	19 26	19 34	2 22		n.a.
W15	15 58	15 40	0n58	9 59	3 46	15 6	7 13	23 53	1 2	12 18	1 7	8 20	2 20	5 10	0 42	3 23	2 2	34 6	13 14	19 26	19 35	2 19		n.a.
T 16	15 39	10 49	2 1	10 11	3 47	15 15	7 5	23 47	1 2	12 19	1 7	8 17	2 20	5 9	0 42	3 23	2 2	34 6	13 14	19 26	19 36	2 16		n.a.
F 17	15 20	5 38	2 59	10 27	3 45	15 23	6 56	23 42	1 3	12 19	1 7	8 14	2 19	5 7	0 42	3 24	2 2	34 6	13 14	19 27	19 36	2 13		n.a.
S 18	15 2	0 16	3 48	10 46	3 42	15 32	6 47	23 36	1 3	12 20	1 7	8 11	2 19	5 6	0 42	3 24	2 2	34 7	13 14	19 27	19 37	2 9		n.a.
S 19	14 43	5n 6	4 28	11 7	3 37	15 41	6 37	23 30	1 4	12 20	1 8	8 8	2 19	5 5	0 42	3 25	2 2	34 7	13 13	19 28	19 38	2 6		n.a.
M20	14 23	10 17	4 57	11 30	3 31	15 49	6 28	23 24	1 4	12 21	1 8	8 5	2 19	5 4	0 42	3 25	2 2	34 7	13 13	19 28	19 39	2 3		n.a.
T 21	14 4	15 9	5 12	11 54	3 22	15 58	6 18	23 17	1 5	12 21	1 8	8 2	2 19	5 2	0 42	3 26	2 2	34 7	13 13	19 29	19 40	2 0		n.a.
W22	13 44	19 30	5 15	12 19	3 12	16 6	6 9	23 10	1 5	12 22	1 8	7 59	2 19	5 1	0 42	3 26	2 2	34 7	13 13	19 29	19 40	1 57		n.a.
T 23	13 24	23 5	5 2	12 45	3 1	16 14	5 59	23 3	1 6	12 22	1 8	7 56	2 19	5 0	0 42	3 27	2 2	34 7	13 13	19 30	19 41	1 53		n.a.
F 24	13 4	25 41	4 35	13 11	2 49	16 21	5 49	22 56	1 6	12 23	1 8	7 53	2 19	4 58	0 42	3 28	2 3	34 8	13 13	19 30	19 42	1 50		n.a.
S 25	12 43	27 0	3 54	13 36	2 36	16 29	5 39	22 48	1 7	12 23	1 8	7 50	2 19	4 57	0 42	3 28	2 3	34 8	13 13	19 29	19 43	1 47		n.a.
S 26	12 23	26 47	2 58	14 1	2 22	16 36	5 29	22 40	1 7	12 23	1 8	7 47	2 19	4 56	0 42	3 29	2 3	34 8	13 13	19 29	19 43	1 44		n.a.
M27	12 2	24 55	1 51	14 26	2 7	16 42	5 19	22 32	1 7	12 23	1 9	7 44	2 19	4 55	0 42	3 29	2 3	34 8	13 12	19 29	19 44	1 40		n.a.
T 28	11s41	21n25	0n34	14s49	1n52	16s49	5n 9	22s24	1s 8	12s23	1n 9	7s41	2s19	4s53	0s42	3n30	2n 3	34n 8	13n12	19s28	19s45	1s37		n.a.

Julian Day Number = 1353647.5, Delta T = 07h05m06s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'35, Lahiri = -17°51'35 Julian Calendar 1 Feb. 1007 BCE == Greg. Calendar 22 Jan. 1007 BCE

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

MARCH 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 55 24	0♓52'28	12♌52	14°R36	23♉ 0	26♉45	5♏12	16♓14	19♓29	25°R57	26°R22	4°R21	3♒10	17♓48	n.a.	W 1
T 2	9 59 20	1°51'15	27°55	14♒17	23°26	27°32	5°R12	16°22	19°33	25♍55	26♋21	4♒20	3° 6	17°55	n.a.	T 2
F 3	10 3 17	2°50'00	13♍ 7	14° 4	23°53	28°18	5°12	16°29	19°36	25°54	26°20	4°17	3° 3	18° 2	n.a.	F 3
S 4	10 7 13	3°48'42	28°19	13°56	24°22	29° 5	5°12	16°37	19°39	25°52	26°18	4°13	3° 0	18° 8	n.a.	S 4
S 5	10 11 10	4°47'23	13♎21	13°D53	24°52	29°51	5°11	16°45	19°43	25°51	26°17	4° 9	2°57	18°15	n.a.	S 5
M 6	10 15 7	5°46'02	28° 5	13°56	25°24	0♒38	5°10	16°52	19°46	25°49	26°16	4° 5	2°54	18°22	n.a.	M 6
T 7	10 19 3	6°44'39	12♏25	14° 4	25°57	1°24	5°10	17° 0	19°49	25°48	26°15	4° 1	2°50	18°28	n.a.	T 7
W 8	10 23 0	7°43'15	26°18	14°17	26°32	2°10	5° 8	17° 8	19°53	25°46	26°14	3°59	2°47	18°35	n.a.	W 8
T 9	10 26 56	8°41'49	9♐44	14°35	27° 7	2°57	5° 7	17°15	19°56	25°45	26°13	3°D59	2°44	18°42	n.a.	T 9
F 10	10 30 53	9°40'21	22°46	14°58	27°45	3°43	5° 6	17°23	20° 0	25°43	26°12	3°59	2°41	18°48	n.a.	F 10
S 11	10 34 49	10°38'51	5♑27	15°25	28°23	4°29	5° 4	17°31	20° 3	25°42	26°11	4° 1	2°38	18°55	n.a.	S 11
S 12	10 38 46	11°37'19	17°51	15°56	29° 2	5°16	5° 2	17°39	20° 6	25°40	26°10	4° 2	2°35	19° 2	n.a.	S 12
M13	10 42 42	12°35'46	0♒ 1	16°32	29°43	6° 2	5° 0	17°46	20°10	25°38	26° 9	4°R 3	2°31	19° 9	n.a.	M13
T 14	10 46 39	13°34'11	12° 2	17°11	0♒24	6°48	4°58	17°54	20°13	25°37	26° 8	4° 3	2°28	19°15	n.a.	T 14
W15	10 50 36	14°32'34	23°57	17°54	1° 7	7°34	4°56	18° 2	20°17	25°35	26° 7	4° 1	2°25	19°22	n.a.	W15
T 16	10 54 32	15°30'55	5♓48	18°41	1°50	8°21	4°53	18°10	20°20	25°34	26° 6	3°57	2°22	19°29	n.a.	T 16
F 17	10 58 29	16°29'14	17°37	19°31	2°34	9° 7	4°50	18°18	20°23	25°32	26° 5	3°51	2°19	19°35	n.a.	F 17
S 18	11 2 25	17°27'31	29°27	20°24	3°20	9°53	4°47	18°25	20°27	25°30	26° 4	3°44	2°16	19°42	n.a.	S 18
S 19	11 6 22	18°25'46	11♈19	21°21	4° 6	10°39	4°44	18°33	20°30	25°29	26° 3	3°35	2°12	19°49	n.a.	S 19
M20	11 10 18	19°23'59	23°16	22°20	4°53	11°25	4°41	18°41	20°34	25°27	26° 3	3°27	2° 9	19°55	n.a.	M20
T 21	11 14 15	20°22'11	5♉18	23°22	5°41	12°11	4°38	18°49	20°37	25°26	26° 2	3°19	2° 6	20° 2	n.a.	T 21
W22	11 18 11	21°20'20	17°29	24°27	6°29	12°57	4°34	18°57	20°41	25°24	26° 1	3°12	2° 3	20° 9	n.a.	W22
T 23	11 22 8	22°18'27	29°51	25°35	7°18	13°43	4°30	19° 4	20°44	25°22	26° 0	3° 8	2° 0	20°15	n.a.	T 23
F 24	11 26 4	23°16'32	12♊29	26°45	8° 8	14°29	4°26	19°12	20°47	25°21	26° 0	3° 5	1°56	20°22	n.a.	F 24
S 25	11 30 1	24°14'35	25°25	27°58	8°59	15°15	4°22	19°20	20°51	25°19	25°59	3°D 5	1°53	20°29	n.a.	S 25
S 26	11 33 58	25°12'36	8♋43	29°13	9°50	16° 0	4°18	19°28	20°54	25°17	25°58	3° 5	1°50	20°35	n.a.	S 26
M27	11 37 54	26°10'35	22°26	0♓30	10°42	16°46	4°13	19°35	20°58	25°16	25°58	3° 6	1°47	20°42	n.a.	M27
T 28	11 41 51	27° 8'32	6♌36	1°50	11°34	17°32	4° 9	19°43	21° 1	25°14	25°57	3°R 6	1°44	20°49	n.a.	T 28
W29	11 45 47	28° 6'27	21°12	3°12	12°27	18°18	4° 4	19°51	21° 4	25°13	25°57	3° 5	1°41	20°56	n.a.	W29
T 30	11 49 44	29° 4'20	6♍ 9	4°36	13°21	19° 3	3°59	19°59	21° 8	25°11	25°56	3° 2	1°37	21° 2	n.a.	T 30
F 31	11 53 40	0♈ 2'11	21♍21	6♓ 2	14♒15	19♒49	3♏54	20♓ 6	21♓11	25♍ 9	25♋56	2♒56	1♒34	21♓ 9	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
W 1	11s20	16n28	0s47	15s10	1n37	16s54	4n59	22s15	1s 8	12s23	1n 9	7s38	2s19	4s52	0s42	3n31	2n 3	34n 8	13n12	19s28	19s45	1s34			n.a.
T 2	10 59	10 25	2 6	15 31	1 21	17 0	4 49	22 6	1 9	12 23	1 9	7 35	2 19	4 51	0 42	3 31	2 3	34 8	13 12	19 29	19 46	1 31			n.a.
F 3	10 37	3 43	3 17	15 49	1 6	17 5	4 39	21 57	1 9	12 23	1 9	7 32	2 19	4 49	0 42	3 32	2 3	34 8	13 12	19 29	19 47	1 28			n.a.
S 4	10 16	3s11	4 14	16 6	0 51	17 10	4 29	21 48	1 10	12 23	1 9	7 29	2 18	4 48	0 42	3 32	2 3	34 9	13 12	19 30	19 48	1 24			n.a.
S 5	9 54	9 50	4 52	16 21	0 36	17 14	4 19	21 38	1 10	12 22	1 9	7 26	2 18	4 47	0 42	3 33	2 3	34 9	13 11	19 31	19 48	1 21			n.a.
M 6	9 32	15 47	5 11	16 34	0 21	17 18	4 10	21 29	1 10	12 22	1 9	7 23	2 18	4 45	0 42	3 34	2 3	34 9	13 11	19 32	19 49	1 18			n.a.
T 7	9 10	20 42	5 9	16 46	0 7	17 22	4 0	21 19	1 11	12 22	1 9	7 20	2 18	4 44	0 42	3 34	2 3	34 9	13 11	19 33	19 50	1 15			n.a.
W 8	8 48	24 19	4 49	16 55	0s 7	17 25	3 50	21 9	1 11	12 21	1 9	7 17	2 18	4 43	0 42	3 35	2 3	34 9	13 11	19 34	19 51	1 12			n.a.
T 9	8 26	26 27	4 14	17 2	0 20	17 27	3 41	20 58	1 12	12 21	1 10	7 14	2 18	4 41	0 42	3 36	2 3	34 9	13 11	19 34	19 51	1 8			n.a.
F 10	8 4	27 3	3 26	17 8	0 33	17 29	3 32	20 47	1 12	12 20	1 10	7 11	2 18	4 40	0 42	3 36	2 3	34 9	13 10	19 34	19 52	1 5			n.a.
S 11	7 41	26 12	2 30	17 11	0 45	17 30	3 22	20 37	1 12	12 19	1 10	7 7	2 18	4 38	0 42	3 37	2 3	34 9	13 10	19 33	19 53	1 2			n.a.
S 12	7 19	24 3	1 27	17 13	0 57	17 31	3 13	20 26	1 13	12 19	1 10	7 4	2 18	4 37	0 42	3 37	2 3	34 9	13 10	19 33	19 54	0 59			n.a.
M13	6 56	20 49	0 22	17 12	1 8	17 32	3 4	20 14	1 13	12 18	1 10	7 1	2 18	4 36	0 42	3 38	2 3	34 9	13 10	19 33	19 54	0 56			n.a.
T 14	6 34	16 46	0n43	17 10	1 18	17 32	2 55	20 3	1 13	12 17	1 10	6 58	2 18	4 34	0 42	3 39	2 3	34 9	13 10	19 33	19 55	0 52			n.a.
W15	6 11	12 5	1 46	17 6	1 28	17 31	2 46	19 51	1 14	12 16	1 10	6 55	2 18	4 33	0 42	3 39	2 3	34 9	13 9	19 33	19 56	0 49			n.a.
T 16	5 48	7 0	2 44	17 0	1 37	17 30	2 38	19 39	1 14	12 15	1 10	6 52	2 18	4 32	0 42	3 40	2 3	34 9	13 9	19 34	19 57	0 46			n.a.
F 17	5 25	1 42	3 34	16 52	1 45	17 29	2 29	19 27	1 14	12 14	1 10	6 49	2 18	4 30	0 42	3 41	2 3	34 9	13 9	19 36	19 57	0 43			n.a.
S 18	5 2	3n40	4 15	16 42	1 53	17 26	2 21	19 15	1 15	12 13	1 10	6 46	2 18	4 29	0 42	3 41	2 3	34 9	13 9	19 37	19 58	0 40			n.a.
S 19	4 39	8 54	4 45	16 30	2 1	17 24	2 12	19 3	1 15	12 12	1 10	6 43	2 18	4 27	0 42	3 42	2 3	34 9	13 8	19 39	19 59	0 36			n.a.
M20	4 16	13 51	5 3	16 17	2 7	17 20	2 4	18 50	1 15	12 11	1 11	6 40	2 18	4 26	0 42	3 43	2 3	34 8	13 8	19 41	19 59	0 33			n.a.
T 21	3 52	18 18	5 7	16 2	2 13	17 17	1 56	18 37	1 16	12 10	1 11	6 36	2 18	4 25	0 42	3 43	2 3	34 8	13 8	19 43	20 0	0 30			n.a.
W22	3 29	22 4	4 58	15 45	2 19	17 12	1 48	18 24	1 16	12 8	1 11	6 33	2 18	4 23	0 42	3 44	2 3	34 8	13 8	19 45	20 1	0 27			n.a.
T 23	3 6	24 55	4 35	15 26	2 23	17 7	1 40	18 11	1 16	12 7	1 11	6 30	2 18	4 22	0 42	3 45	2 3	34 8	13 7	19 46	20 2	0 24			n.a.
F 24	2 43	26 35	3 58	15 6	2 27	17 2	1 32	17 58	1 16	12 5	1 11	6 27	2 18	4 21	0 42	3 45	2 3	34 8	13 7	19 47	20 2	0 20			n.a.
S 25	2 19	26 52	3 8	14 43	2 31	16 56	1 25	17 44	1 17	12 4	1 11	6 24	2 18	4 19	0 42	3 46	2 3	34 8	13 7	19 47	20 3	0 17			n.a.
S 26	1 56	25 38	2 7	14 19	2 34	16 49	1 17	17 31	1 17	12 3	1 11	6 21	2 18	4 18	0 42	3 47	2 3	34 8	13 7	19 47	20 4	0 14			n.a.
M27	1 33	22 51	0 57	13 54	2 36	16 42	1 10	17 17	1 17	12 1	1 11	6 18	2 18	4 17	0 42	3 47	2 3	34 8	13 6	19 46	20 5	0 11			n.a.
T 28	1 9	18 37	0s19	13 26	2 38	16 35	1 3	17 3	1 17	11 59	1 11	6 15	2 18	4 15	0 42	3 48	2 3	34 8	13 6	19 46	20 5	0 8			n.a.
W29	0 46	13 9	1 35	12 57	2 39	16 26	0 56	16 49	1 18	11 58	1 11	6 12	2 18	4 14	0 42	3 49	2 3	34 7	13 6	19 47	20 6	0 4			n.a.
T 30	0 22	6 48	2 47	12 27	2 39	16 18	0 49	16 35	1 18	11 56	1 11	6 9	2 19	4 12	0 42	3 49	2 3	34 7	13 5	19 47	20 7	0 1			n.a.
F 31	0n 1	0s 1	3s49	11s54	2s39	16s 8	0n42	16s20	1s18	11s54	1n11	6s 6	2s19	4s11	0s42	3n50	2n 3	34n 7	13n 5	19s49	20s 7	0n 2			n.a.

Julian Day Number = 1353675.5, Delta T = 07h05m05s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'31, Lahiri = -17°51'31 Julian Calendar 1 March 1007 BCE == Greg. Calendar 19 Feb. 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

APRIL 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 57 37	1♈ 0'00	6♎39	7♓30	15♒10	20♒35	3°R49	20♓14	21♓15	25°R 8	25°R55	2°R48	1♒31	21♓16	n.a.	S 1
S 2	12 1 33	1°57'48	21°51	9° 1	16° 5	21°20	3♏44	20°22	21°18	25♍ 6	25♋55	2♒39	1°28	21°22	n.a.	S 2
M 3	12 5 30	2°55'35	6♏46	10°33	17° 1	22° 6	3°38	20°30	21°21	25° 4	25°54	2°31	1°25	21°29	n.a.	M 3
T 4	12 9 27	3°53'20	21°18	12° 8	17°57	22°51	3°32	20°37	21°25	25° 3	25°54	2°23	1°22	21°36	n.a.	T 4
W 5	12 13 23	4°51'03	5♐21	13°45	18°53	23°36	3°27	20°45	21°28	25° 1	25°53	2°18	1°18	21°42	n.a.	W 5
T 6	12 17 20	5°48'46	18°54	15°23	19°50	24°22	3°21	20°53	21°32	25° 0	25°53	2°14	1°15	21°49	n.a.	T 6
F 7	12 21 16	6°46'27	1♑58	17° 4	20°48	25° 7	3°15	21° 0	21°35	24°58	25°53	2°D13	1°12	21°56	n.a.	F 7
S 8	12 25 13	7°44'07	14°39	18°47	21°46	25°52	3° 9	21° 8	21°38	24°57	25°52	2°13	1° 9	22° 2	n.a.	S 8
S 9	12 29 9	8°41'46	26°59	20°32	22°44	26°38	3° 2	21°15	21°42	24°55	25°52	2°R14	1° 6	22° 9	n.a.	S 9
M10	12 33 6	9°39'24	9♒ 5	22°18	23°43	27°23	2°56	21°23	21°45	24°53	25°52	2°13	1° 2	22°16	n.a.	M10
T 11	12 37 2	10°37'00	21° 1	24° 7	24°42	28° 8	2°50	21°30	21°48	24°52	25°52	2°12	0°59	22°23	n.a.	T 11
W12	12 40 59	11°34'36	2♓51	25°58	25°41	28°53	2°43	21°38	21°51	24°50	25°52	2° 8	0°56	22°29	n.a.	W12
T 13	12 44 56	12°32'10	14°40	27°51	26°41	29°38	2°36	21°45	21°55	24°49	25°52	2° 1	0°53	22°36	n.a.	T 13
F 14	12 48 52	13°29'43	26°29	29°46	27°41	0♓23	2°30	21°53	21°58	24°47	25°51	1°52	0°50	22°43	n.a.	F 14
S 15	12 52 49	14°27'14	8♈22	1♈43	28°41	1° 8	2°23	22° 0	22° 1	24°46	25°51	1°40	0°47	22°49	n.a.	S 15
S 16	12 56 45	15°24'45	20°20	3°42	29°42	1°53	2°16	22° 8	22° 4	24°44	25°51	1°27	0°43	22°56	n.a.	S 16
M17	13 0 42	16°22'14	2♉24	5°42	0♓43	2°38	2° 9	22°15	22° 8	24°43	25°D51	1°14	0°40	23° 3	n.a.	M17
T 18	13 4 38	17°19'42	14°35	7°45	1°44	3°23	2° 2	22°22	22°11	24°41	25°51	1° 2	0°37	23° 9	n.a.	T 18
W19	13 8 35	18°17'08	26°56	9°49	2°46	4° 7	1°55	22°30	22°14	24°40	25°51	0°52	0°34	23°16	n.a.	W19
T 20	13 12 31	19°14'34	9♊26	11°55	3°48	4°52	1°47	22°37	22°17	24°38	25°51	0°44	0°31	23°23	n.a.	T 20
F 21	13 16 28	20°11'58	22°10	14° 2	4°50	5°37	1°40	22°44	22°20	24°37	25°52	0°39	0°27	23°30	n.a.	F 21
S 22	13 20 25	21° 9'21	5♋ 8	16°11	5°52	6°21	1°33	22°52	22°23	24°35	25°52	0°36	0°24	23°36	n.a.	S 22
S 23	13 24 21	22° 6'42	18°24	18°20	6°55	7° 6	1°25	22°59	22°26	24°34	25°52	0°D35	0°21	23°43	n.a.	S 23
M24	13 28 18	23° 4'02	2♌ 0	20°31	7°58	7°50	1°18	23° 6	22°30	24°33	25°52	0°R35	0°18	23°50	n.a.	M24
T 25	13 32 14	24° 1'21	15°59	22°42	9° 1	8°35	1°10	23°13	22°33	24°31	25°52	0°35	0°15	23°56	n.a.	T 25
W26	13 36 11	24°58'39	0♍20	24°54	10° 4	9°19	1° 3	23°20	22°36	24°30	25°53	0°33	0°12	24° 3	n.a.	W26
T 27	13 40 7	25°55'55	15° 3	27° 5	11° 7	10° 3	0°55	23°27	22°39	24°29	25°53	0°28	0° 8	24°10	n.a.	T 27
F 28	13 44 4	26°53'10	0♎ 1	29°17	12°11	10°48	0°48	23°34	22°42	24°27	25°53	0°21	0° 5	24°16	n.a.	F 28
S 29	13 48 0	27°50'24	15° 7	1♑28	13°15	11°32	0°40	23°41	22°45	24°26	25°54	0°11	0° 2	24°23	n.a.	S 29
S 30	13 51 57	28♈47'37	0♏12	3♑38	14♓19	12♓16	0♏32	23♓48	22♓47	24♍25	25♋54	0♒ 1	29♑59	24♓30	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n24	6s51	4s34	11s20	2s39	15s59	0n35	16s 6	1s18	11s52	1n11	6s 3	2s19	4s10	0s42	3n51	2n 3	34n 7	13n 5	19s50	20s 8	0n 5		n.a.
S 2	0 48	13 15	4 59	10 44	2 37	15 48	0 29	15 51	1 19	11 51	1 11	6 0	2 19	4 8	0 42	3 51	2 3	34 7	13 5	19 53	20 9	0 8		n.a.
M 3	1 11	18 45	5 4	10 7	2 36	15 37	0 23	15 36	1 19	11 49	1 11	5 57	2 19	4 7	0 42	3 52	2 3	34 6	13 4	19 55	20 10	0 12		n.a.
T 4	1 34	23 0	4 48	9 28	2 33	15 26	0 16	15 21	1 19	11 47	1 11	5 54	2 19	4 6	0 42	3 53	2 3	34 6	13 4	19 56	20 10	0 15		n.a.
W 5	1 57	25 43	4 16	8 48	2 30	15 14	0 10	15 6	1 19	11 45	1 11	5 51	2 19	4 4	0 42	3 53	2 3	34 6	13 4	19 58	20 11	0 18		n.a.
T 6	2 21	26 50	3 30	8 6	2 27	15 2	0 4	14 51	1 19	11 43	1 11	5 48	2 19	4 3	0 42	3 54	2 3	34 6	13 3	19 58	20 12	0 21		n.a.
F 7	2 44	26 22	2 34	7 22	2 22	14 49	0s 2	14 36	1 19	11 41	1 11	5 45	2 19	4 2	0 42	3 54	2 3	34 6	13 3	19 59	20 12	0 24		n.a.
S 8	3 7	24 32	1 32	6 37	2 18	14 35	0 7	14 20	1 20	11 38	1 11	5 42	2 19	4 0	0 42	3 55	2 3	34 5	13 3	19 59	20 13	0 27		n.a.
S 9	3 30	21 33	0 28	5 50	2 12	14 21	0 13	14 5	1 20	11 36	1 11	5 39	2 19	3 59	0 42	3 56	2 3	34 5	13 2	19 58	20 14	0 31		n.a.
M10	3 53	17 41	0n36	5 2	2 7	14 7	0 18	13 49	1 20	11 34	1 11	5 36	2 19	3 58	0 42	3 56	2 3	34 5	13 2	19 59	20 15	0 34		n.a.
T 11	4 16	13 10	1 38	4 12	2 0	13 52	0 24	13 33	1 20	11 32	1 11	5 33	2 19	3 56	0 42	3 57	2 3	34 4	13 2	19 59	20 15	0 37		n.a.
W12	4 39	8 13	2 35	3 22	1 54	13 37	0 29	13 18	1 20	11 30	1 11	5 30	2 19	3 55	0 42	3 58	2 3	34 4	13 2	20 0	20 16	0 40		n.a.
T 13	5 2	2 59	3 25	2 29	1 46	13 21	0 34	13 2	1 20	11 27	1 11	5 27	2 19	3 54	0 42	3 58	2 3	34 4	13 1	20 1	20 17	0 43		n.a.
F 14	5 24	2n20	4 6	1 36	1 38	13 4	0 39	12 46	1 20	11 25	1 11	5 24	2 20	3 52	0 42	3 59	2 3	34 4	13 1	20 3	20 17	0 47		n.a.
S 15	5 47	7 35	4 37	0 41	1 30	12 48	0 44	12 29	1 20	11 23	1 11	5 21	2 20	3 51	0 42	3 59	2 3	34 3	13 1	20 6	20 18	0 50		n.a.
S 16	6 10	12 36	4 55	0n15	1 21	12 30	0 48	12 13	1 21	11 20	1 11	5 18	2 20	3 50	0 42	4 0	2 3	34 3	13 0	20 9	20 19	0 53		n.a.
M17	6 32	17 11	5 1	1 12	1 12	12 13	0 53	11 57	1 21	11 18	1 11	5 15	2 20	3 49	0 42	4 1	2 3	34 3	13 0	20 12	20 19	0 56		n.a.
T 18	6 54	21 7	4 52	2 10	1 3	11 55	0 57	11 41	1 21	11 15	1 11	5 12	2 20	3 47	0 42	4 1	2 3	34 2	13 0	20 15	20 20	0 59		n.a.
W19	7 17	24 10	4 31	3 8	0 53	11 36	1 1	11 24	1 21	11 13	1 11	5 10	2 20	3 46	0 42	4 2	2 3	34 2	12 59	20 17	20 21	1 2		n.a.
T 20	7 39	26 6	3 56	4 7	0 43	11 17	1 6	11 8	1 21	11 10	1 11	5 7	2 20	3 45	0 42	4 2	2 3	34 2	12 59	20 19	20 22	1 6		n.a.
F 21	8 1	26 43	3 8	5 7	0 33	10 58	1 10	10 51	1 21	11 8	1 11	5 4	2 20	3 44	0 42	4 3	2 3	34 1	12 59	20 20	20 22	1 9		n.a.
S 22	8 23	25 53	2 10	6 7	0 22	10 38	1 13	10 34	1 21	11 5	1 11	5 1	2 20	3 42	0 42	4 3	2 3	34 1	12 58	20 20	20 23	1 12		n.a.
S 23	8 45	23 35	1 4	7 7	0 12	10 18	1 17	10 17	1 21	11 3	1 11	4 58	2 21	3 41	0 42	4 4	2 3	34 1	12 58	20 21	20 24	1 15		n.a.
M24	9 6	19 54	0s 7	8 7	0 1	9 58	1 21	10 1	1 21	11 0	1 11	4 56	2 21	3 40	0 42	4 4	2 3	34 0	12 58	20 21	20 24	1 18		n.a.
T 25	9 28	15 1	1 20	9 7	0n 9	9 37	1 24	9 44	1 21	10 58	1 11	4 53	2 21	3 39	0 42	4 5	2 3	34 0	12 57	20 21	20 25	1 21		n.a.
W26	9 49	9 11	2 30	10 6	0 20	9 16	1 28	9 27	1 21	10 55	1 10	4 50	2 21	3 37	0 42	4 5	2 3	34 0	12 57	20 21	20 26	1 25		n.a.
T 27	10 10	2 44	3 32	11 4	0 30	8 54	1 31	9 10	1 21	10 53	1 10	4 48	2 21	3 36	0 42	4 6	2 3	33 59	12 57	20 22	20 26	1 28		n.a.
F 28	10 31	3s58	4 20	12 1	0 40	8 32	1 34	8 53	1 21	10 50	1 10	4 45	2 21	3 35	0 42	4 6	2 3	33 59	12 56	20 24	20 27	1 31		n.a.
S 29	10 52	10 29	4 50	12 57	0 50	8 10	1 37	8 36	1 21	10 47	1 10	4 42	2 21	3 34	0 42	4 7	2 3	33 58	12 56	20 26	20 28	1 34		n.a.
S 30	11n13	16s23	5s 0	13n51	0n59	7s48	1s40	8s19	1s21	10s45	1n10	4s40	2s21	3s33	0s42	4n 7	2n 3	33n58	12n56	20s28	20s28	1n37		n.a.

Julian Day Number = 1353706.5, Delta T = 07h05m03s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'27, Lahiri = -17°51'27 Julian Calendar 1 Apr. 1007 BCE == Greg. Calendar 22 March 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

MAY 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 55 54	29♈44'50	15♏ 5	5♉48	15♓23	13♓ 0	0°R25	23♓55	22♓50	24°R23	25♋54	29°R50	29♑56	24♓36	n.a.	M 1
T 2	13 59 50	0♉42'02	29°37	7°56	16°28	13°44	0♏17	24° 2	22°53	24♍22	25°55	29♑40	29°53	24°43	n.a.	T 2
W 3	14 3 47	1°39'13	13♐43	10° 3	17°33	14°28	0° 9	24° 8	22°56	24°21	25°55	29°32	29°49	24°50	n.a.	W 3
T 4	14 7 43	2°36'24	27°21	12° 8	18°38	15°12	0° 2	24°15	22°59	24°20	25°56	29°27	29°46	24°57	n.a.	T 4
F 5	14 11 40	3°33'34	10♑30	14°12	19°43	15°55	29♎54	24°22	23° 2	24°19	25°56	29°25	29°43	25° 3	n.a.	F 5
S 6	14 15 36	4°30'44	23°13	16°14	20°48	16°39	29°47	24°28	23° 4	24°17	25°57	29°24	29°40	25°10	n.a.	S 6
S 7	14 19 33	5°27'54	5♒35	18°14	21°53	17°23	29°39	24°35	23° 7	24°16	25°57	29°24	29°37	25°17	n.a.	S 7
M 8	14 23 29	6°25'03	17°42	20°11	22°59	18° 6	29°31	24°41	23°10	24°15	25°58	29°23	29°33	25°23	n.a.	M 8
T 9	14 27 26	7°22'12	29°38	22° 7	24° 5	18°50	29°24	24°48	23°13	24°14	25°59	29°22	29°30	25°30	n.a.	T 9
W10	14 31 23	8°19'21	11♓28	24° 0	25°11	19°34	29°16	24°54	23°15	24°13	25°59	29°18	29°27	25°37	n.a.	W10
T 11	14 35 19	9°16'29	23°17	25°51	26°17	20°17	29° 9	25° 1	23°18	24°12	26° 0	29°11	29°24	25°43	n.a.	T 11
F 12	14 39 16	10°13'37	5♈ 9	27°40	27°23	21° 0	29° 2	25° 7	23°21	24°11	26° 1	29° 2	29°21	25°50	n.a.	F 12
S 13	14 43 12	11°10'45	17° 7	29°27	28°30	21°44	28°54	25°13	23°23	24°10	26° 2	28°51	29°18	25°57	n.a.	S 13
S 14	14 47 9	12° 7'52	29°12	1♊11	29°36	22°27	28°47	25°19	23°26	24° 9	26° 2	28°38	29°14	26° 4	n.a.	S 14
M15	14 51 5	13° 5'00	11♉27	2°53	0♈43	23°10	28°40	25°26	23°28	24° 8	26° 3	28°25	29°11	26°10	n.a.	M15
T 16	14 55 2	14° 2'07	23°52	4°32	1°50	23°53	28°33	25°32	23°31	24° 7	26° 4	28°13	29° 8	26°17	n.a.	T 16
W17	14 58 58	14°59'14	6♊27	6° 9	2°56	24°36	28°25	25°38	23°33	24° 6	26° 5	28° 3	29° 5	26°24	n.a.	W17
T 18	15 2 55	15°56'20	19°13	7°44	4° 4	25°19	28°18	25°44	23°35	24° 5	26° 6	27°55	29° 2	26°30	n.a.	T 18
F 19	15 6 52	16°53'26	2♋11	9°16	5°11	26° 2	28°12	25°49	23°38	24° 4	26° 7	27°50	28°59	26°37	n.a.	F 19
S 20	15 10 48	17°50'32	15°20	10°46	6°18	26°45	28° 5	25°55	23°40	24° 4	26° 8	27°48	28°55	26°44	n.a.	S 20
S 21	15 14 45	18°47'38	28°43	12°13	7°25	27°27	27°58	26° 1	23°42	24° 3	26° 9	27°D47	28°52	26°50	n.a.	S 21
M22	15 18 41	19°44'42	12♌22	13°38	8°33	28°10	27°51	26° 7	23°45	24° 2	26°10	27°47	28°49	26°57	n.a.	M22
T 23	15 22 38	20°41'47	26°16	15° 0	9°41	28°52	27°45	26°12	23°47	24° 1	26°11	27°R47	28°46	27° 4	n.a.	T 23
W24	15 26 34	21°38'51	10♍27	16°20	10°48	29°35	27°38	26°18	23°49	24° 1	26°12	27°46	28°43	27°11	n.a.	W24
T 25	15 30 31	22°35'55	24°53	17°38	11°56	0♈17	27°32	26°23	23°51	24° 0	26°13	27°43	28°39	27°17	n.a.	T 25
F 26	15 34 28	23°32'58	9♎30	18°52	13° 4	1° 0	27°26	26°29	23°53	23°59	26°14	27°37	28°36	27°24	n.a.	F 26
S 27	15 38 24	24°30'02	24°15	20° 4	14°13	1°42	27°20	26°34	23°55	23°59	26°15	27°29	28°33	27°31	n.a.	S 27
S 28	15 42 21	25°27'05	8♏59	21°14	15°21	2°24	27°14	26°40	23°57	23°58	26°16	27°20	28°30	27°37	n.a.	S 28
M29	15 46 17	26°24'09	23°34	22°20	16°29	3° 6	27° 8	26°45	23°59	23°58	26°17	27°11	28°27	27°44	n.a.	M29
T 30	15 50 14	27°21'13	7♐53	23°23	17°37	3°48	27° 2	26°50	24° 1	23°57	26°19	27° 3	28°24	27°51	n.a.	T 30
W31	15 54 10	28♉18'17	21♐52	24♊24	18♈46	4♈30	26♎57	26♓55	24♓ 3	23♍57	26♋20	26♑56	28♑20	27♓58	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11n33	21s13	4s50	14n44	1n 8	7s25	1s43	8s 1	1s21	10s42	1n10	4s37	2s22	3s32	0s42	4n 8	2n 3	33n58	12n55	20s30	20s29	1n40			n.a.
T 2	11 54	24 38	4 21	15 35	1 17	7 2	1 45	7 44	1 21	10 40	1 10	4 34	2 22	3 30	0 42	4 8	2 3	33 57	12 55	20 32	20 30	1 44			n.a.
W 3	12 14	26 23	3 36	16 24	1 25	6 39	1 48	7 27	1 21	10 37	1 10	4 32	2 22	3 29	0 42	4 9	2 2	33 57	12 55	20 34	20 30	1 47			n.a.
T 4	12 34	26 28	2 41	17 10	1 32	6 15	1 50	7 10	1 21	10 34	1 10	4 29	2 22	3 28	0 42	4 9	2 2	33 56	12 54	20 35	20 31	1 50			n.a.
F 5	12 54	25 2	1 38	17 55	1 39	5 51	1 52	6 52	1 21	10 32	1 10	4 27	2 22	3 27	0 42	4 10	2 2	33 56	12 54	20 36	20 32	1 53			n.a.
S 6	13 14	22 19	0 33	18 37	1 45	5 27	1 54	6 35	1 21	10 29	1 9	4 24	2 22	3 26	0 42	4 10	2 2	33 56	12 54	20 36	20 33	1 56			n.a.
S 7	13 33	18 38	0n33	19 17	1 50	5 3	1 56	6 18	1 21	10 27	1 9	4 22	2 23	3 25	0 42	4 11	2 2	33 55	12 53	20 36	20 33	1 59			n.a.
M 8	13 52	14 16	1 35	19 55	1 55	4 38	1 58	6 0	1 21	10 24	1 9	4 19	2 23	3 24	0 42	4 11	2 2	33 55	12 53	20 36	20 34	2 2			n.a.
T 9	14 11	9 24	2 33	20 30	1 59	4 13	2 0	5 43	1 20	10 22	1 9	4 17	2 23	3 23	0 42	4 11	2 2	33 54	12 53	20 36	20 35	2 6			n.a.
W10	14 30	4 15	3 23	21 2	2 2	3 48	2 2	5 26	1 20	10 19	1 9	4 14	2 23	3 22	0 42	4 12	2 2	33 54	12 53	20 37	20 35	2 9			n.a.
T 11	14 49	1n 1	4 4	21 32	2 5	3 23	2 3	5 8	1 20	10 17	1 9	4 12	2 23	3 21	0 42	4 12	2 2	33 53	12 52	20 39	20 36	2 12			n.a.
F 12	15 7	6 17	4 35	22 0	2 6	2 57	2 5	4 51	1 20	10 14	1 8	4 9	2 23	3 20	0 42	4 13	2 2	33 53	12 52	20 40	20 37	2 15			n.a.
S 13	15 25	11 20	4 54	22 25	2 8	2 32	2 6	4 33	1 20	10 12	1 8	4 7	2 24	3 19	0 42	4 13	2 2	33 52	12 52	20 43	20 37	2 18			n.a.
S 14	15 43	16 2	5 0	22 48	2 8	2 6	2 7	4 16	1 20	10 9	1 8	4 5	2 24	3 18	0 42	4 13	2 2	33 52	12 51	20 45	20 38	2 21			n.a.
M15	16 1	20 8	4 53	23 9	2 8	1 40	2 8	3 58	1 20	10 7	1 8	4 2	2 24	3 17	0 42	4 14	2 2	33 52	12 51	20 48	20 39	2 24			n.a.
T 16	16 18	23 25	4 31	23 28	2 7	1 14	2 9	3 41	1 20	10 4	1 8	4 0	2 24	3 16	0 42	4 14	2 2	33 51	12 51	20 51	20 39	2 28			n.a.
W17	16 35	25 36	3 57	23 44	2 6	0 48	2 10	3 23	1 19	10 2	1 8	3 58	2 24	3 15	0 42	4 14	2 2	33 51	12 50	20 53	20 40	2 31			n.a.
T 18	16 52	26 31	3 9	23 58	2 3	0 22	2 11	3 6	1 19	10 0	1 7	3 56	2 25	3 14	0 42	4 15	2 2	33 50	12 50	20 54	20 41	2 34			n.a.
F 19	17 9	25 59	2 11	24 10	2 0	0n 5	2 12	2 48	1 19	9 57	1 7	3 53	2 25	3 13	0 42	4 15	2 2	33 50	12 50	20 55	20 41	2 37			n.a.
S 20	17 25	24 0	1 6	24 20	1 57	0 31	2 12	2 31	1 19	9 55	1 7	3 51	2 25	3 12	0 42	4 15	2 2	33 49	12 49	20 56	20 42	2 40			n.a.
S 21	17 41	20 39	0s 5	24 29	1 53	0 58	2 13	2 14	1 19	9 53	1 7	3 49	2 25	3 11	0 42	4 15	2 2	33 49	12 49	20 56	20 43	2 43			n.a.
M22	17 57	16 8	1 17	24 35	1 48	1 25	2 13	1 56	1 18	9 50	1 7	3 47	2 25	3 10	0 42	4 16	2 2	33 48	12 49	20 56	20 43	2 46			n.a.
T 23	18 12	10 41	2 25	24 39	1 43	1 52	2 13	1 39	1 18	9 48	1 6	3 45	2 26	3 9	0 43	4 16	2 2	33 48	12 49	20 56	20 44	2 49			n.a.
W24	18 28	4 35	3 26	24 42	1 37	2 18	2 13	1 22	1 18	9 46	1 6	3 43	2 26	3 9	0 43	4 16	2 1	33 47	12 48	20 56	20 45	2 53			n.a.
T 25	18 43	1s50	4 15	24 43	1 30	2 45	2 13	1 4	1 18	9 44	1 6	3 41	2 26	3 8	0 43	4 16	2 1	33 47	12 48	20 57	20 45	2 56			n.a.
F 26	18 57	8 14	4 49	24 43	1 23	3 12	2 13	0 47	1 18	9 42	1 6	3 39	2 26	3 7	0 43	4 17	2 1	33 46	12 48	20 58	20 46	2 59			n.a.
S 27	19 12	14 13	5 3	24 41	1 15	3 39	2 13	0 30	1 17	9 40	1 6	3 37	2 26	3 6	0 43	4 17	2 1	33 46	12 48	21 0	20 47	3 2			n.a.
S 28	19 26	19 24	4 57	24 38	1 7	4 6	2 13	0 12	1 17	9 38	1 5	3 35	2 27	3 5	0 43	4 17	2 1	33 45	12 47	21 1	20 47	3 5			n.a.
M29	19 39	23 21	4 32	24 33	0 58	4 33	2 12	0n 5	1 17	9 36	1 5	3 33	2 27	3 4	0 43	4 17	2 1	33 45	12 47	21 3	20 48	3 8			n.a.
T 30	19 53	25 45	3 50	24 27	0 48	5 0	2 12	0 22	1 17	9 34	1 5	3 31	2 27	3 4	0 43	4 17	2 1	33 44	12 47	21 5	20 48	3 11			n.a.
W31	20n 6	26s29	2s56	24n20	0n38	5n27	2s11	0n39	1s16	9s32	1n 5	3s29	2s27	3s 3	0s43	4n17	2n 1	33n44	12n46	21s 6	20s49	3n14			n.a.

Julian Day Number = 1353736.5, Delta T = 07h05m02s
Ecliptic obliquity = 23°49'00, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'23, Lahiri = -17°51'23 Julian Calendar 1 May 1007 BCE == Greg. Calendar 21 Apr. 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

JUNE 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 7	29♉15'21	5♑25	25♊21	19♈55	5♈12	26°R51	27♓ 0	24♓ 5	23°R56	26♋21	26°R52	28♑17	28♓ 4	n.a.	T 1
F 2	16 2 3	0♊12'26	18°34	26°15	21° 3	5°54	26♎46	27° 5	24° 7	23♍56	26°22	26♑50	28°14	28°11	n.a.	F 2
S 3	16 6 0	1° 9'31	1♒18	27° 6	22°12	6°36	26°41	27°10	24° 9	23°55	26°24	26°D50	28°11	28°18	n.a.	S 3
S 4	16 9 57	2° 6'37	13°43	27°54	23°21	7°17	26°36	27°14	24°10	23°55	26°25	26°50	28° 8	28°24	n.a.	S 4
M 5	16 13 53	3° 3'43	25°52	28°38	24°30	7°59	26°31	27°19	24°12	23°55	26°27	26°51	28° 5	28°31	n.a.	M 5
T 6	16 17 50	4° 0'50	7♓50	29°18	25°39	8°40	26°26	27°24	24°14	23°54	26°28	26°R51	28° 1	28°38	n.a.	T 6
W 7	16 21 46	4°57'58	19°42	29°54	26°49	9°22	26°21	27°28	24°15	23°54	26°29	26°50	27°58	28°44	n.a.	W 7
T 8	16 25 43	5°55'07	1♈33	0♋26	27°58	10° 3	26°17	27°33	24°17	23°54	26°31	26°47	27°55	28°51	n.a.	T 8
F 9	16 29 39	6°52'16	13°28	0°55	29° 8	10°44	26°13	27°37	24°18	23°53	26°32	26°42	27°52	28°58	n.a.	F 9
S 10	16 33 36	7°49'26	25°31	1°18	0♉17	11°25	26° 9	27°41	24°20	23°53	26°34	26°35	27°49	29° 5	n.a.	S 10
S 11	16 37 33	8°46'37	7♉44	1°38	1°27	12° 6	26° 5	27°46	24°21	23°53	26°35	26°27	27°45	29°11	n.a.	S 11
M12	16 41 29	9°43'48	20° 9	1°53	2°36	12°47	26° 1	27°50	24°23	23°53	26°37	26°18	27°42	29°18	n.a.	M12
T 13	16 45 26	10°41'00	2♊48	2° 3	3°46	13°28	25°57	27°54	24°24	23°53	26°38	26°10	27°39	29°25	n.a.	T 13
W14	16 49 22	11°38'13	15°41	2° 8	4°56	14° 9	25°54	27°58	24°25	23°53	26°40	26° 4	27°36	29°31	n.a.	W14
T 15	16 53 19	12°35'27	28°47	2°R 9	6° 6	14°50	25°50	28° 1	24°27	23°D53	26°41	25°59	27°33	29°38	n.a.	T 15
F 16	16 57 15	13°32'42	12♋ 5	2° 4	7°16	15°30	25°47	28° 5	24°28	23°53	26°43	25°56	27°30	29°45	n.a.	F 16
S 17	17 1 12	14°29'57	25°36	1°55	8°26	16°11	25°44	28° 9	24°29	23°53	26°45	25°D55	27°26	29°52	n.a.	S 17
S 18	17 5 8	15°27'12	9♌17	1°40	9°36	16°51	25°42	28°12	24°30	23°53	26°46	25°56	27°23	29°58	n.a.	S 18
M19	17 9 5	16°24'29	23° 7	1°21	10°47	17°31	25°39	28°16	24°31	23°53	26°48	25°57	27°20	0♈ 5	n.a.	M19
T 20	17 13 2	17°21'45	7♍ 7	0°57	11°57	18°11	25°37	28°19	24°32	23°53	26°49	25°58	27°17	0°12	n.a.	T 20
W21	17 16 58	18°19'03	21°16	0°29	13° 7	18°52	25°34	28°23	24°33	23°53	26°51	25°R58	27°14	0°18	n.a.	W21
T 22	17 20 55	19°16'20	5♎31	29♊56	14°18	19°32	25°32	28°26	24°34	23°54	26°53	25°57	27°10	0°25	n.a.	T 22
F 23	17 24 51	20°13'39	19°51	29°20	15°28	20°12	25°31	28°29	24°35	23°54	26°55	25°55	27° 7	0°32	n.a.	F 23
S 24	17 28 48	21°10'58	4♏11	28°40	16°39	20°51	25°29	28°32	24°36	23°54	26°56	25°51	27° 4	0°39	n.a.	S 24
S 25	17 32 44	22° 8'18	18°28	27°58	17°50	21°31	25°27	28°35	24°37	23°54	26°58	25°46	27° 1	0°45	n.a.	S 25
M26	17 36 41	23° 5'39	2♐37	27°14	19° 1	22°11	25°26	28°38	24°37	23°55	27° 0	25°41	26°58	0°52	n.a.	M26
T 27	17 40 37	24° 3'02	16°33	26°29	20°11	22°50	25°25	28°40	24°38	23°55	27° 2	25°37	26°55	0°59	n.a.	T 27
W28	17 44 34	25° 0'25	0♑12	25°43	21°22	23°30	25°24	28°43	24°39	23°55	27° 3	25°33	26°51	1° 5	n.a.	W28
T 29	17 48 31	25°57'49	13°33	24°57	22°33	24° 9	25°23	28°46	24°39	23°56	27° 5	25°31	26°48	1°12	n.a.	T 29
F 30	17 52 27	26♊55'15	26♑33	24♊13	23♉44	24♈48	25♎23	28♓48	24♓40	23♍56	27♋ 7	25°D31	26♑45	1♈19	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n18	25s34	1s52	24n12	0n28	5n53	2s11	0n56	1s16	9s31	1n 4	3s28	2s28	3s 2	0s43	4n18	2n 1	33n43	12n46	21s 7	20s50	3n17		n.a.
F 2	20 31	23 14	0 44	24 3	0 17	6 20	2 10	1 13	1 16	9 29	1 4	3 26	2 28	3 2	0 43	4 18	2 1	33 43	12 46	21 7	20 50	3 21		n.a.
S 3	20 43	19 48	0n24	23 52	0 5	6 47	2 9	1 30	1 15	9 27	1 4	3 24	2 28	3 1	0 43	4 18	2 1	33 42	12 46	21 7	20 51	3 24		n.a.
S 4	20 55	15 33	1 29	23 41	0s 7	7 14	2 8	1 47	1 15	9 26	1 4	3 22	2 28	3 0	0 43	4 18	2 1	33 42	12 45	21 7	20 52	3 27		n.a.
M 5	21 6	10 45	2 29	23 30	0 19	7 40	2 7	2 4	1 15	9 24	1 3	3 21	2 28	3 0	0 43	4 18	2 1	33 41	12 45	21 7	20 52	3 30		n.a.
T 6	21 17	5 39	3 22	23 17	0 32	8 7	2 6	2 21	1 15	9 23	1 3	3 19	2 29	2 59	0 43	4 18	2 1	33 40	12 45	21 7	20 53	3 33		n.a.
W 7	21 28	0 24	4 5	23 4	0 45	8 33	2 5	2 38	1 14	9 21	1 3	3 18	2 29	2 58	0 43	4 18	2 1	33 40	12 45	21 7	20 54	3 36		n.a.
T 8	21 38	4n52	4 38	22 51	0 58	8 59	2 4	2 55	1 14	9 20	1 3	3 16	2 29	2 58	0 43	4 18	2 1	33 39	12 45	21 8	20 54	3 39		n.a.
F 9	21 48	9 58	4 59	22 37	1 12	9 26	2 3	3 11	1 13	9 18	1 2	3 14	2 29	2 57	0 43	4 18	2 1	33 39	12 44	21 9	20 55	3 42		n.a.
S 10	21 58	14 46	5 7	22 23	1 26	9 52	2 1	3 28	1 13	9 17	1 2	3 13	2 30	2 57	0 43	4 18	2 0	33 38	12 44	21 10	20 56	3 45		n.a.
S 11	22 7	19 2	5 1	22 8	1 40	10 17	2 0	3 45	1 13	9 16	1 2	3 11	2 30	2 56	0 43	4 18	2 0	33 38	12 44	21 12	20 56	3 49		n.a.
M12	22 16	22 34	4 41	21 54	1 55	10 43	1 58	4 1	1 12	9 15	1 2	3 10	2 30	2 55	0 43	4 18	2 0	33 37	12 44	21 13	20 57	3 52		n.a.
T 13	22 24	25 5	4 7	21 39	2 9	11 9	1 57	4 18	1 12	9 14	1 1	3 9	2 30	2 55	0 43	4 18	2 0	33 37	12 43	21 15	20 57	3 55		n.a.
W14	22 32	26 21	3 20	21 24	2 24	11 34	1 55	4 34	1 12	9 13	1 1	3 7	2 31	2 54	0 43	4 18	2 0	33 36	12 43	21 16	20 58	3 58		n.a.
T 15	22 40	26 10	2 21	21 10	2 38	11 59	1 53	4 50	1 11	9 12	1 1	3 6	2 31	2 54	0 43	4 18	2 0	33 36	12 43	21 17	20 59	4 1		n.a.
F 16	22 47	24 29	1 14	20 56	2 52	12 24	1 52	5 7	1 11	9 11	1 1	3 5	2 31	2 53	0 43	4 18	2 0	33 35	12 43	21 18	20 59	4 4		n.a.
S 17	22 54	21 23	0 2	20 42	3 6	12 48	1 50	5 23	1 10	9 10	1 0	3 3	2 32	2 53	0 43	4 18	2 0	33 35	12 43	21 18	21 0	4 7		n.a.
S 18	23 0	17 4	1s12	20 29	3 19	13 13	1 48	5 39	1 10	9 9	1 0	3 2	2 32	2 53	0 43	4 18	2 0	33 34	12 42	21 18	21 1	4 10		n.a.
M19	23 7	11 47	2 22	20 16	3 32	13 37	1 46	5 55	1 10	9 9	1 0	3 1	2 32	2 52	0 43	4 18	2 0	33 34	12 42	21 17	21 1	4 13		n.a.
T 20	23 12	5 52	3 25	20 5	3 44	14 1	1 44	6 11	1 9	9 8	0 59	3 0	2 32	2 52	0 43	4 18	2 0	33 33	12 42	21 17	21 2	4 16		n.a.
W21	23 18	0s24	4 16	19 53	3 56	14 25	1 42	6 27	1 9	9 7	0 59	2 59	2 33	2 51	0 43	4 18	2 0	33 33	12 42	21 17	21 3	4 19		n.a.
T 22	23 22	6 40	4 52	19 43	4 6	14 48	1 40	6 42	1 8	9 7	0 59	2 58	2 33	2 51	0 43	4 17	2 0	33 32	12 42	21 17	21 3	4 22		n.a.
F 23	23 27	12 38	5 9	19 34	4 15	15 11	1 37	6 58	1 8	9 6	0 59	2 57	2 33	2 51	0 43	4 17	2 0	33 32	12 42	21 18	21 4	4 25		n.a.
S 24	23 31	17 55	5 8	19 26	4 23	15 33	1 35	7 14	1 7	9 6	0 58	2 56	2 33	2 51	0 43	4 17	2 0	33 31	12 41	21 19	21 4	4 29		n.a.
S 25	23 35	22 11	4 47	19 19	4 29	15 56	1 33	7 29	1 7	9 6	0 58	2 55	2 34	2 50	0 44	4 17	2 0	33 30	12 41	21 19	21 5	4 32		n.a.
M26	23 38	25 5	4 9	19 13	4 34	16 18	1 31	7 45	1 6	9 6	0 58	2 54	2 34	2 50	0 44	4 17	1 59	33 30	12 41	21 20	21 6	4 35		n.a.
T 27	23 41	26 23	3 17	19 9	4 37	16 39	1 28	8 0	1 6	9 5	0 58	2 53	2 34	2 50	0 44	4 16	1 59	33 29	12 41	21 21	21 6	4 38		n.a.
W28	23 43	26 3	2 14	19 6	4 39	17 1	1 26	8 15	1 5	9 5	0 57	2 53	2 35	2 49	0 44	4 16	1 59	33 29	12 41	21 22	21 7	4 41		n.a.
T 29	23 45	24 12	1 5	19 5	4 38	17 22	1 23	8 30	1 5	9 5	0 57	2 52	2 35	2 49	0 44	4 16	1 59	33 28	12 41	21 22	21 8	4 44		n.a.
F 30	23n47	21s 5	0n 6	19n 5	4s36	17n42	1s21	8n45	1s 4	9s 5	0n57	2s51	2s35	2s49	0s44	4n16	1n59	33n28	12n41	21s22	21s 8	4n47		n.a.

Julian Day Number = 1353767.5, Delta T = 07h05m00s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'19, Lahiri = -17°51'19 Julian Calendar 1 June 1007 BCE == Greg. Calendar 22 May 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

JULY 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 56 24	27♊52'42	9♒14	23°R30	24♉56	25♈27	25°R22	28♓50	24♓40	23♍57	27♋ 9	25♑32	26♑42	1♈25	n.a.	S 1
S 2	18 0 20	28°50'10	21°37	22♊51	26° 7	26° 6	25♎22	28°53	24°41	23°57	27°11	25°33	26°39	1°32	n.a.	S 2
M 3	18 4 17	29°47'39	3♓46	22°15	27°18	26°45	25°D22	28°55	24°41	23°58	27°13	25°35	26°36	1°39	n.a.	M 3
T 4	18 8 13	0♋45'11	15°45	21°44	28°30	27°24	25°22	28°57	24°42	23°58	27°15	25°36	26°32	1°46	n.a.	T 4
W 5	18 12 10	1°42'43	27°39	21°18	29°41	28° 3	25°23	28°59	24°42	23°59	27°16	25°R37	26°29	1°52	n.a.	W 5
T 6	18 16 7	2°40'18	9♈31	20°57	0♊53	28°41	25°23	29° 0	24°42	24° 0	27°18	25°37	26°26	1°59	n.a.	T 6
F 7	18 20 3	3°37'54	21°28	20°43	2° 4	29°20	25°24	29° 2	24°42	24° 0	27°20	25°36	26°23	2° 6	n.a.	F 7
S 8	18 24 0	4°35'31	3♉33	20°35	3°16	29°58	25°25	29° 4	24°42	24° 1	27°22	25°34	26°20	2°12	n.a.	S 8
S 9	18 27 56	5°33'11	15°50	20°D34	4°28	0♉36	25°26	29° 5	24°43	24° 2	27°24	25°31	26°16	2°19	n.a.	S 9
M10	18 31 53	6°30'52	28°22	20°41	5°40	1°14	25°27	29° 7	24°43	24° 3	27°26	25°28	26°13	2°26	n.a.	M10
T 11	18 35 49	7°28'34	11♊12	20°54	6°51	1°52	25°29	29° 8	24°R43	24° 3	27°28	25°25	26°10	2°33	n.a.	T 11
W12	18 39 46	8°26'19	24°20	21°15	8° 3	2°30	25°30	29° 9	24°43	24° 4	27°30	25°23	26° 7	2°39	n.a.	W12
T 13	18 43 42	9°24'05	7♋47	21°43	9°16	3° 8	25°32	29°10	24°42	24° 5	27°32	25°22	26° 4	2°46	n.a.	T 13
F 14	18 47 39	10°21'53	21°29	22°19	10°28	3°46	25°34	29°11	24°42	24° 6	27°34	25°D21	26° 1	2°53	n.a.	F 14
S 15	18 51 36	11°19'42	5♌25	23° 2	11°40	4°23	25°36	29°12	24°42	24° 7	27°36	25°21	25°57	2°59	n.a.	S 15
S 16	18 55 32	12°17'32	19°32	23°52	12°52	5° 1	25°39	29°13	24°42	24° 8	27°38	25°22	25°54	3° 6	n.a.	S 16
M17	18 59 29	13°15'24	3♍45	24°49	14° 4	5°38	25°41	29°13	24°42	24° 9	27°40	25°23	25°51	3°13	n.a.	M17
T 18	19 3 25	14°13'17	18° 2	25°52	15°17	6°15	25°44	29°14	24°41	24°10	27°42	25°24	25°48	3°20	n.a.	T 18
W19	19 7 22	15°11'12	2♎19	27° 2	16°29	6°52	25°47	29°14	24°41	24°11	27°44	25°25	25°45	3°26	n.a.	W19
T 20	19 11 18	16° 9'08	16°34	28°18	17°42	7°29	25°50	29°15	24°40	24°12	27°46	25°R25	25°42	3°33	n.a.	T 20
F 21	19 15 15	17° 7'05	0♏43	29°40	18°54	8° 6	25°53	29°15	24°40	24°13	27°48	25°25	25°38	3°40	n.a.	F 21
S 22	19 19 11	18° 5'04	14°45	1♋ 7	20° 7	8°42	25°57	29°R15	24°39	24°14	27°50	25°24	25°35	3°46	n.a.	S 22
S 23	19 23 8	19° 3'05	28°38	2°39	21°19	9°19	26° 0	29°15	24°39	24°15	27°52	25°23	25°32	3°53	n.a.	S 23
M24	19 27 5	20° 1'07	12♐19	4°15	22°32	9°55	26° 4	29°15	24°38	24°16	27°54	25°23	25°29	4° 0	n.a.	M24
T 25	19 31 1	20°59'10	25°48	5°55	23°45	10°32	26° 8	29°15	24°37	24°18	27°56	25°22	25°26	4° 7	n.a.	T 25
W26	19 34 58	21°57'16	9♑ 3	7°38	24°58	11° 8	26°12	29°14	24°37	24°19	27°59	25°22	25°22	4°13	n.a.	W26
T 27	19 38 54	22°55'23	22° 3	9°25	26°11	11°44	26°17	29°14	24°36	24°20	28° 1	25°D22	25°19	4°20	n.a.	T 27
F 28	19 42 51	23°53'32	4♒49	11°14	27°24	12°19	26°21	29°13	24°35	24°21	28° 3	25°22	25°16	4°27	n.a.	F 28
S 29	19 46 47	24°51'43	17°20	13° 5	28°37	12°55	26°26	29°13	24°34	24°23	28° 5	25°22	25°13	4°33	n.a.	S 29
S 30	19 50 44	25°49'56	29°37	14°57	29°50	13°31	26°31	29°12	24°33	24°24	28° 7	25°R22	25°10	4°40	n.a.	S 30
M31	19 54 40	26♋48'10	11♓44	16♋51	1♌ 3	14♉ 6	26♎35	29♓11	24♓32	24♍26	28♋ 9	25♑22	25♑ 7	4♈47	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	17s 2	1n15	19n 7	4s32	18n 2	1s18	9n 0	1s 4	9s 5	0n56	2s50	2s35	2s49	0s44	4n16	1n59	33n27	12n41	21s22	21s 9	4n50		n.a.
S 2	23 49	12 20	2 18	19 11	4 27	18 22	1 16	9 15	1 3	9 6	0 56	2 50	2 36	2 49	0 44	4 15	1 59	33 27	12 40	21 22	21 9	4 53		n.a.
M 3	23 49	7 16	3 15	19 16	4 20	18 41	1 13	9 30	1 3	9 6	0 56	2 49	2 36	2 49	0 44	4 15	1 59	33 26	12 40	21 22	21 10	4 56		n.a.
T 4	23 49	2 0	4 2	19 23	4 11	19 0	1 10	9 45	1 2	9 6	0 56	2 49	2 36	2 49	0 44	4 15	1 59	33 26	12 40	21 21	21 11	4 59		n.a.
W 5	23 48	3n17	4 38	19 32	4 1	19 18	1 8	9 59	1 2	9 7	0 55	2 48	2 37	2 48	0 44	4 14	1 59	33 25	12 40	21 21	21 11	5 2		n.a.
T 6	23 47	8 27	5 2	19 42	3 49	19 36	1 5	10 14	1 1	9 7	0 55	2 48	2 37	2 48	0 44	4 14	1 59	33 25	12 40	21 21	21 12	5 5		n.a.
F 7	23 46	13 20	5 14	19 53	3 36	19 53	1 2	10 28	1 1	9 8	0 55	2 47	2 37	2 48	0 44	4 14	1 59	33 24	12 40	21 21	21 12	5 8		n.a.
S 8	23 44	17 46	5 12	20 6	3 23	20 10	0 59	10 42	1 0	9 8	0 54	2 47	2 37	2 48	0 44	4 13	1 59	33 24	12 40	21 22	21 13	5 11		n.a.
S 9	23 42	21 32	4 55	20 21	3 8	20 26	0 57	10 56	0 59	9 9	0 54	2 46	2 38	2 48	0 44	4 13	1 59	33 23	12 40	21 22	21 14	5 14		n.a.
M10	23 39	24 24	4 24	20 36	2 53	20 42	0 54	11 10	0 59	9 10	0 54	2 46	2 38	2 48	0 44	4 13	1 59	33 23	12 40	21 23	21 14	5 17		n.a.
T 11	23 36	26 6	3 40	20 53	2 37	20 58	0 51	11 24	0 58	9 10	0 54	2 46	2 38	2 48	0 44	4 12	1 59	33 22	12 40	21 23	21 15	5 20		n.a.
W12	23 33	26 24	2 43	21 10	2 21	21 12	0 48	11 38	0 58	9 11	0 53	2 46	2 39	2 48	0 44	4 12	1 58	33 22	12 40	21 24	21 16	5 23		n.a.
T 13	23 29	25 10	1 36	21 28	2 5	21 26	0 45	11 52	0 57	9 12	0 53	2 46	2 39	2 48	0 44	4 12	1 58	33 21	12 40	21 24	21 16	5 27		n.a.
F 14	23 24	22 25	0 21	21 47	1 49	21 40	0 42	12 5	0 56	9 13	0 53	2 45	2 39	2 49	0 44	4 11	1 58	33 21	12 39	21 24	21 17	5 30		n.a.
S 15	23 19	18 19	0s55	22 5	1 32	21 53	0 40	12 19	0 56	9 14	0 53	2 45	2 40	2 49	0 44	4 11	1 58	33 20	12 39	21 24	21 17	5 33		n.a.
S 16	23 14	13 9	2 10	22 24	1 16	22 5	0 37	12 32	0 55	9 15	0 52	2 45	2 40	2 49	0 44	4 10	1 58	33 20	12 39	21 24	21 18	5 36		n.a.
M17	23 9	7 14	3 17	22 43	1 0	22 17	0 34	12 45	0 54	9 17	0 52	2 45	2 40	2 49	0 44	4 10	1 58	33 19	12 39	21 24	21 19	5 39		n.a.
T 18	23 3	0 57	4 12	23 0	0 45	22 29	0 31	12 58	0 54	9 18	0 52	2 45	2 40	2 49	0 44	4 9	1 58	33 19	12 39	21 24	21 19	5 42		n.a.
W19	22 56	5s23	4 51	23 17	0 30	22 39	0 28	13 11	0 53	9 19	0 51	2 46	2 41	2 49	0 44	4 9	1 58	33 19	12 39	21 24	21 20	5 45		n.a.
T 20	22 49	11 24	5 13	23 33	0 15	22 49	0 25	13 24	0 52	9 21	0 51	2 46	2 41	2 49	0 44	4 8	1 58	33 18	12 39	21 23	21 20	5 48		n.a.
F 21	22 42	16 48	5 15	23 48	0 1	22 58	0 22	13 37	0 52	9 22	0 51	2 46	2 41	2 50	0 44	4 8	1 58	33 18	12 39	21 24	21 21	5 51		n.a.
S 22	22 34	21 16	4 59	24 1	0n12	23 7	0 19	13 49	0 51	9 24	0 51	2 46	2 42	2 50	0 44	4 7	1 58	33 17	12 39	21 24	21 22	5 54		n.a.
S 23	22 26	24 28	4 25	24 12	0 25	23 15	0 17	14 2	0 50	9 25	0 50	2 46	2 42	2 50	0 44	4 7	1 58	33 17	12 39	21 24	21 22	5 57		n.a.
M24	22 18	26 12	3 37	24 21	0 36	23 22	0 14	14 14	0 50	9 27	0 50	2 47	2 42	2 50	0 44	4 6	1 58	33 16	12 39	21 24	21 23	6 0		n.a.
T 25	22 9	26 21	2 37	24 28	0 47	23 29	0 11	14 26	0 49	9 28	0 50	2 47	2 43	2 51	0 44	4 6	1 58	33 16	12 39	21 24	21 23	6 3		n.a.
W26	22 0	24 59	1 29	24 32	0 57	23 35	0 8	14 39	0 48	9 30	0 50	2 47	2 43	2 51	0 45	4 5	1 58	33 15	12 39	21 24	21 24	6 6		n.a.
T 27	21 50	22 17	0 18	24 34	1 6	23 40	0 5	14 50	0 47	9 32	0 49	2 48	2 43	2 51	0 45	4 5	1 58	33 15	12 39	21 24	21 24	6 9		n.a.
F 28	21 40	18 31	0n52	24 34	1 14	23 45	0 2	15 2	0 47	9 34	0 49	2 48	2 43	2 52	0 45	4 4	1 58	33 15	12 39	21 24	21 25	6 12		n.a.
S 29	21 30	14 0	1 59	24 31	1 21	23 49	0n 1	15 14	0 46	9 36	0 49	2 49	2 44	2 52	0 45	4 4	1 58	33 14	12 39	21 24	21 26	6 15		n.a.
S 30	21 19	9 0	2 59	24 25	1 28	23 52	0 3	15 26	0 45	9 38	0 49	2 49	2 44	2 53	0 45	4 3	1 57	33 14	12 40	21 24	21 26	6 18		n.a.
M31	21n 8	3s44	3n50	24n16	1n33	23n55	0n 6	15n37	0s44	9s40	0n48	2s50	2s44	2s53	0s45	4n 2	1n57	33n13	12n40	21s24	21s27	6n21		n.a.

Julian Day Number = 1353797.5, Delta T = 07h04m59s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'15, Lahiri = -17°51'14 Julian Calendar 1 July 1007 BCE == Greg. Calendar 21 June 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

AUGUST 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	19 58 37	27♋46'27	23♓42	18♋46	2♋16	14♉41	26♎41	29°R10	24°R31	24♍27	28♋11	25°R21	25♑ 3	4♈54	n.a.	T 1
W 2	20 2 34	28°44'46	5♈35	20°41	3°29	15°16	26°46	29♓ 9	24♓30	24°28	28°13	25♑21	25° 0	5° 0	n.a.	W 2
T 3	20 6 30	29°43'08	17°28	22°37	4°43	15°51	26°51	29° 8	24°29	24°30	28°15	25°21	24°57	5° 7	n.a.	T 3
F 4	20 10 27	0♌41'31	29°23	24°32	5°56	16°26	26°57	29° 6	24°28	24°31	28°17	25°D21	24°54	5°14	n.a.	F 4
S 5	20 14 23	1°39'57	11♉27	26°28	7° 9	17° 0	27° 3	29° 5	24°27	24°33	28°19	25°21	24°51	5°20	n.a.	S 5
S 6	20 18 20	2°38'25	23°44	28°23	8°23	17°35	27° 9	29° 3	24°26	24°34	28°21	25°21	24°48	5°27	n.a.	S 6
M 7	20 22 16	3°36'56	6♊17	0♌17	9°37	18° 9	27°15	29° 2	24°24	24°36	28°23	25°22	24°44	5°34	n.a.	M 7
T 8	20 26 13	4°35'29	19°10	2°11	10°50	18°43	27°21	29° 0	24°23	24°37	28°26	25°23	24°41	5°41	n.a.	T 8
W 9	20 30 9	5°34'04	2♋26	4° 4	12° 4	19°17	27°27	28°58	24°22	24°39	28°28	25°24	24°38	5°47	n.a.	W 9
T 10	20 34 6	6°32'41	16° 5	5°57	13°18	19°51	27°34	28°56	24°20	24°41	28°30	25°24	24°35	5°54	n.a.	T 10
F 11	20 38 3	7°31'21	0♌ 7	7°48	14°31	20°25	27°40	28°54	24°19	24°42	28°32	25°R24	24°32	6° 1	n.a.	F 11
S 12	20 41 59	8°30'02	14°27	9°39	15°45	20°58	27°47	28°52	24°18	24°44	28°34	25°24	24°28	6° 8	n.a.	S 12
S 13	20 45 56	9°28'46	29° 1	11°29	16°59	21°31	27°54	28°50	24°16	24°46	28°36	25°22	24°25	6°14	n.a.	S 13
M14	20 49 52	10°27'31	13♍43	13°17	18°13	22° 4	28° 1	28°48	24°14	24°47	28°38	25°21	24°22	6°21	n.a.	M14
T 15	20 53 49	11°26'19	28°25	15° 5	19°27	22°37	28° 9	28°45	24°13	24°49	28°40	25°19	24°19	6°28	n.a.	T 15
W16	20 57 45	12°25'08	13♎ 1	16°52	20°41	23°10	28°16	28°43	24°11	24°51	28°42	25°17	24°16	6°34	n.a.	W16
T 17	21 1 42	13°23'59	27°26	18°37	21°55	23°42	28°23	28°40	24°10	24°53	28°44	25°15	24°13	6°41	n.a.	T 17
F 18	21 5 38	14°22'53	11♏36	20°22	23° 9	24°14	28°31	28°37	24° 8	24°54	28°46	25°D15	24° 9	6°48	n.a.	F 18
S 19	21 9 35	15°21'48	25°30	22° 6	24°23	24°46	28°39	28°35	24° 6	24°56	28°48	25°15	24° 6	6°55	n.a.	S 19
S 20	21 13 31	16°20'44	9♐ 7	23°49	25°38	25°18	28°47	28°32	24° 4	24°58	28°50	25°16	24° 3	7° 1	n.a.	S 20
M21	21 17 28	17°19'43	22°27	25°31	26°52	25°50	28°55	28°29	24° 2	25° 0	28°52	25°18	24° 0	7° 8	n.a.	M21
T 22	21 21 25	18°18'44	5♑33	27°12	28° 6	26°21	29° 3	28°26	24° 1	25° 2	28°54	25°19	23°57	7°15	n.a.	T 22
W23	21 25 21	19°17'47	18°25	28°52	29°21	26°53	29°11	28°23	23°59	25° 4	28°56	25°20	23°54	7°21	n.a.	W23
T 24	21 29 18	20°16'51	1♒ 4	0♍31	0♌35	27°24	29°20	28°19	23°57	25° 6	28°58	25°R20	23°50	7°28	n.a.	T 24
F 25	21 33 14	21°15'58	13°32	2° 9	1°49	27°54	29°29	28°16	23°55	25° 8	29° 0	25°19	23°47	7°35	n.a.	F 25
S 26	21 37 11	22°15'07	25°50	3°46	3° 4	28°25	29°37	28°13	23°53	25°10	29° 2	25°16	23°44	7°42	n.a.	S 26
S 27	21 41 7	23°14'18	7♓59	5°23	4°18	28°55	29°46	28° 9	23°51	25°11	29° 4	25°12	23°41	7°48	n.a.	S 27
M28	21 45 4	24°13'31	20° 0	6°59	5°33	29°25	29°55	28° 6	23°49	25°13	29° 6	25° 7	23°38	7°55	n.a.	M28
T 29	21 49 0	25°12'46	1♈56	8°33	6°48	29°55	0♏ 4	28° 2	23°47	25°15	29° 8	25° 2	23°34	8° 2	n.a.	T 29
W30	21 52 57	26°12'04	13°48	10° 8	8° 2	0♊25	0°13	27°58	23°45	25°17	29°10	24°57	23°31	8° 8	n.a.	W30
T 31	21 56 53	27♌11'25	25♈39	11♍41	9♌17	0♊54	0♏23	27♓54	23♓43	25♍19	29♋11	24♑52	23♑28	8♈15	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
T 1	20n56	1n35	4n30	24n 5	1n38	23n57	0n 9	15n48	0s43	9s42	0n48	2s51	2s45	2s53	0s45	4n 2	1n57	33n13	12n40	21s24	21s27	6n24			n.a.
W 2	20 44	6 48	4 58	23 52	1 41	23 58	0 12	16 0	0 43	9 44	0 48	2 51	2 45	2 54	0 45	4 1	1 57	33 13	12 40	21 24	21 28	6 27			n.a.
T 3	20 32	11 46	5 14	23 36	1 44	23 58	0 14	16 11	0 42	9 46	0 48	2 52	2 45	2 54	0 45	4 1	1 57	33 12	12 40	21 24	21 29	6 30			n.a.
F 4	20 19	16 20	5 16	23 18	1 46	23 58	0 17	16 22	0 41	9 49	0 47	2 53	2 45	2 55	0 45	4 0	1 57	33 12	12 40	21 24	21 29	6 33			n.a.
S 5	20 6	20 19	5 4	22 57	1 48	23 57	0 20	16 32	0 40	9 51	0 47	2 54	2 46	2 55	0 45	3 59	1 57	33 11	12 40	21 24	21 30	6 36			n.a.
S 6	19 53	23 30	4 39	22 35	1 49	23 55	0 22	16 43	0 39	9 53	0 47	2 55	2 46	2 56	0 45	3 59	1 57	33 11	12 40	21 24	21 30	6 39			n.a.
M 7	19 39	25 38	4 0	22 10	1 49	23 52	0 25	16 53	0 38	9 56	0 47	2 56	2 46	2 56	0 45	3 58	1 57	33 11	12 40	21 24	21 31	6 42			n.a.
T 8	19 25	26 29	3 7	21 44	1 48	23 49	0 27	17 4	0 38	9 58	0 46	2 56	2 46	2 57	0 45	3 57	1 57	33 10	12 40	21 24	21 31	6 45			n.a.
W 9	19 11	25 51	2 4	21 16	1 47	23 45	0 30	17 14	0 37	10 1	0 46	2 57	2 47	2 58	0 45	3 57	1 57	33 10	12 40	21 24	21 32	6 48			n.a.
T 10	18 56	23 41	0 51	20 47	1 45	23 41	0 32	17 24	0 36	10 3	0 46	2 58	2 47	2 58	0 45	3 56	1 57	33 10	12 40	21 24	21 33	6 50			n.a.
F 11	18 41	20 1	0s26	20 16	1 43	23 35	0 35	17 34	0 35	10 6	0 46	2 59	2 47	2 59	0 45	3 55	1 57	33 9	12 41	21 24	21 33	6 53			n.a.
S 12	18 25	15 6	1 43	19 44	1 40	23 29	0 37	17 44	0 34	10 9	0 45	3 1	2 48	2 59	0 45	3 54	1 57	33 9	12 41	21 24	21 34	6 56			n.a.
S 13	18 10	9 16	2 55	19 10	1 37	23 22	0 39	17 54	0 33	10 12	0 45	3 2	2 48	3 0	0 45	3 54	1 57	33 9	12 41	21 24	21 34	6 59			n.a.
M14	17 54	2 53	3 56	18 36	1 34	23 15	0 42	18 3	0 32	10 14	0 45	3 3	2 48	3 1	0 45	3 53	1 57	33 8	12 41	21 24	21 35	7 2			n.a.
T 15	17 37	3s39	4 41	18 0	1 30	23 6	0 44	18 13	0 31	10 17	0 45	3 4	2 48	3 1	0 45	3 52	1 57	33 8	12 41	21 25	21 35	7 5			n.a.
W16	17 21	9 56	5 8	17 23	1 26	22 57	0 46	18 22	0 30	10 20	0 44	3 5	2 49	3 2	0 45	3 51	1 57	33 8	12 41	21 25	21 36	7 8			n.a.
T 17	17 4	15 36	5 15	16 46	1 21	22 48	0 48	18 31	0 29	10 23	0 44	3 7	2 49	3 3	0 45	3 51	1 57	33 7	12 41	21 25	21 37	7 11			n.a.
F 18	16 46	20 20	5 3	16 8	1 17	22 37	0 51	18 40	0 28	10 26	0 44	3 8	2 49	3 3	0 45	3 50	1 57	33 7	12 42	21 25	21 37	7 14			n.a.
S 19	16 29	23 50	4 33	15 29	1 11	22 26	0 53	18 49	0 27	10 29	0 44	3 9	2 49	3 4	0 45	3 49	1 57	33 7	12 42	21 25	21 38	7 17			n.a.
S 20	16 11	25 55	3 48	14 50	1 6	22 15	0 55	18 58	0 26	10 32	0 44	3 11	2 49	3 5	0 45	3 48	1 57	33 6	12 42	21 25	21 38	7 20			n.a.
M21	15 53	26 27	2 51	14 10	1 1	22 2	0 57	19 7	0 25	10 35	0 43	3 12	2 50	3 6	0 45	3 48	1 56	33 6	12 42	21 25	21 39	7 23			n.a.
T 22	15 35	25 29	1 47	13 30	0 55	21 49	0 59	19 15	0 24	10 38	0 43	3 13	2 50	3 6	0 45	3 47	1 56	33 6	12 42	21 25	21 39	7 26			n.a.
W23	15 16	23 9	0 38	12 49	0 49	21 36	1 0	19 23	0 23	10 41	0 43	3 15	2 50	3 7	0 45	3 46	1 56	33 6	12 43	21 24	21 40	7 29			n.a.
T 24	14 57	19 44	0n31	12 8	0 43	21 21	1 2	19 32	0 22	10 45	0 43	3 16	2 50	3 8	0 45	3 45	1 56	33 5	12 43	21 24	21 41	7 32			n.a.
F 25	14 38	15 27	1 38	11 26	0 36	21 6	1 4	19 40	0 21	10 48	0 42	3 18	2 51	3 9	0 45	3 44	1 56	33 5	12 43	21 25	21 41	7 35			n.a.
S 26	14 19	10 37	2 39	10 45	0 30	20 51	1 6	19 48	0 20	10 51	0 42	3 20	2 51	3 9	0 45	3 44	1 56	33 5	12 43	21 25	21 42	7 38			n.a.
S 27	13 59	5 26	3 33	10 3	0 23	20 34	1 7	19 56	0 19	10 55	0 42	3 21	2 51	3 10	0 45	3 43	1 56	33 5	12 43	21 26	21 42	7 41			n.a.
M28	13 39	0 7	4 15	9 21	0 17	20 18	1 9	20 3	0 18	10 58	0 42	3 23	2 51	3 11	0 45	3 42	1 56	33 4	12 44	21 27	21 43	7 43			n.a.
T 29	13 19	5n 9	4 47	8 38	0 10	20 0	1 10	20 11	0 17	11 1	0 42	3 24	2 51	3 12	0 45	3 41	1 56	33 4	12 44	21 28	21 43	7 46			n.a.
W30	12 59	10 12	5 6	7 56	0 3	19 42	1 12	20 18	0 16	11 5	0 41	3 26	2 52	3 13	0 45	3 40	1 56	33 4	12 44	21 29	21 44	7 49			n.a.
T 31	12n38	14n53	5n12	7n14	0s 4	19n23	1n13	20n26	0s14	11s 8	0n41	3s28	2s52	3s14	0s45	3n40	1n56	33n 4	12n44	21s29	21s44	7n52			n.a.

Julian Day Number = 1353828.5, Delta T = 07h04m57s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'11, Lahiri = -17°51'10 Julian Calendar 1 Aug. 1007 BCE == Greg. Calendar 22 July 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

SEPTEMBER 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 0 50	28♌10'47	7♉33	13♍13	10♌32	1♊23	0♏32	27°R51	23°R41	25♍22	29♋13	24°R49	23♑25	8♈22	n.a.	F 1
S 2	22 4 47	29°10'12	19°35	14°45	11°46	1°52	0°41	27♓47	23♓38	25°24	29°15	24♑47	23°22	8°29	n.a.	S 2
S 3	22 8 43	0♍ 9'40	1♊47	16°16	13° 1	2°21	0°51	27°43	23°36	25°26	29°17	24°D46	23°19	8°35	n.a.	S 3
M 4	22 12 40	1° 9'10	14°16	17°46	14°16	2°49	1° 1	27°39	23°34	25°28	29°19	24°47	23°15	8°42	n.a.	M 4
T 5	22 16 36	2° 8'43	27° 5	19°16	15°31	3°17	1°11	27°34	23°32	25°30	29°21	24°48	23°12	8°49	n.a.	T 5
W 6	22 20 33	3° 8'18	10♋19	20°44	16°46	3°45	1°21	27°30	23°29	25°32	29°23	24°50	23° 9	8°55	n.a.	W 6
T 7	22 24 29	4° 7'55	24° 0	22°12	18° 1	4°13	1°31	27°26	23°27	25°34	29°24	24°R50	23° 6	9° 2	n.a.	T 7
F 8	22 28 26	5° 7'35	8♌ 9	23°39	19°16	4°40	1°41	27°22	23°25	25°36	29°26	24°50	23° 3	9° 9	n.a.	F 8
S 9	22 32 22	6° 7'17	22°42	25° 5	20°31	5° 7	1°51	27°17	23°23	25°38	29°28	24°47	23° 0	9°16	n.a.	S 9
S 10	22 36 19	7° 7'01	7♍36	26°31	21°46	5°33	2° 2	27°13	23°20	25°40	29°30	24°43	22°56	9°22	n.a.	S 10
M11	22 40 16	8° 6'47	22°41	27°55	23° 1	6° 0	2°12	27° 8	23°18	25°43	29°31	24°36	22°53	9°29	n.a.	M11
T 12	22 44 12	9° 6'35	7♎49	29°19	24°16	6°26	2°23	27° 4	23°16	25°45	29°33	24°30	22°50	9°36	n.a.	T 12
W13	22 48 9	10° 6'25	22°48	0♎42	25°31	6°51	2°33	26°59	23°13	25°47	29°35	24°23	22°47	9°43	n.a.	W13
T 14	22 52 5	11° 6'18	7♏32	2° 4	26°46	7°17	2°44	26°55	23°11	25°49	29°36	24°17	22°44	9°49	n.a.	T 14
F 15	22 56 2	12° 6'12	21°54	3°24	28° 2	7°42	2°55	26°50	23° 8	25°51	29°38	24°13	22°40	9°56	n.a.	F 15
S 16	22 59 58	13° 6'07	5♐51	4°44	29°17	8° 6	3° 6	26°45	23° 6	25°54	29°40	24°11	22°37	10° 3	n.a.	S 16
S 17	23 3 55	14° 6'05	19°24	6° 3	0♍32	8°31	3°17	26°41	23° 3	25°56	29°41	24°D11	22°34	10° 9	n.a.	S 17
M18	23 7 51	15° 6'05	2♑34	7°20	1°47	8°55	3°28	26°36	23° 1	25°58	29°43	24°12	22°31	10°16	n.a.	M18
T 19	23 11 48	16° 6'06	15°26	8°36	3° 3	9°18	3°40	26°31	22°59	26° 0	29°44	24°13	22°28	10°23	n.a.	T 19
W20	23 15 44	17° 6'09	28° 1	9°50	4°18	9°41	3°51	26°26	22°56	26° 2	29°46	24°R14	22°25	10°30	n.a.	W20
T 21	23 19 41	18° 6'13	10♒24	11° 3	5°33	10° 4	4° 2	26°22	22°54	26° 5	29°47	24°12	22°21	10°36	n.a.	T 21
F 22	23 23 38	19° 6'20	22°37	12°14	6°48	10°27	4°14	26°17	22°51	26° 7	29°49	24° 8	22°18	10°43	n.a.	F 22
S 23	23 27 34	20° 6'28	4♓43	13°23	8° 4	10°49	4°25	26°12	22°49	26° 9	29°50	24° 2	22°15	10°50	n.a.	S 23
S 24	23 31 31	21° 6'38	16°43	14°30	9°19	11°11	4°37	26° 7	22°46	26°11	29°52	23°53	22°12	10°56	n.a.	S 24
M25	23 35 27	22° 6'50	28°39	15°35	10°35	11°32	4°49	26° 2	22°44	26°14	29°53	23°42	22° 9	11° 3	n.a.	M25
T 26	23 39 24	23° 7'04	10♈32	16°37	11°50	11°53	5° 0	25°57	22°41	26°16	29°55	23°30	22° 5	11°10	n.a.	T 26
W27	23 43 20	24° 7'20	22°24	17°36	13° 5	12°13	5°12	25°52	22°39	26°18	29°56	23°18	22° 2	11°17	n.a.	W27
T 28	23 47 17	25° 7'39	4♉16	18°32	14°21	12°33	5°24	25°47	22°36	26°20	29°57	23° 7	21°59	11°23	n.a.	T 28
F 29	23 51 13	26° 7'59	16°11	19°24	15°36	12°53	5°36	25°42	22°34	26°23	29°59	22°58	21°56	11°30	n.a.	F 29
S 30	23 55 10	27♍ 8'21	28♉12	20♎12	16♍52	13♊12	5♏48	25♓38	22♓32	26♍25	0♌ 0	22♑52	21♑53	11♈37	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	12n18	19n 1	5n 4	6n32	0s11	19n 4	1n15	20n33	0s13	11s12	0n41	3s30	2s52	3s15	0s45	3n39	1n56	33n 4	12n45	21s30	21s45	7n55		n.a.
S 2	11 57	22 26	4 43	5 49	0 18	18 44	1 16	20 40	0 12	11 16	0 41	3 31	2 52	3 15	0 45	3 38	1 56	33 3	12 45	21 30	21 46	7 58		n.a.
S 3	11 35	24 54	4 9	5 7	0 25	18 24	1 17	20 47	0 11	11 19	0 41	3 33	2 52	3 16	0 45	3 37	1 56	33 3	12 45	21 31	21 46	8 1		n.a.
M 4	11 14	26 14	3 23	4 25	0 32	18 3	1 18	20 54	0 10	11 23	0 40	3 35	2 52	3 17	0 45	3 36	1 56	33 3	12 45	21 30	21 47	8 4		n.a.
T 5	10 53	26 12	2 25	3 43	0 39	17 42	1 19	21 0	0 8	11 26	0 40	3 37	2 53	3 18	0 45	3 35	1 56	33 3	12 46	21 30	21 47	8 7		n.a.
W 6	10 31	24 42	1 18	3 1	0 47	17 20	1 20	21 7	0 7	11 30	0 40	3 38	2 53	3 19	0 45	3 34	1 56	33 3	12 46	21 30	21 48	8 10		n.a.
T 7	10 9	21 43	0 5	2 19	0 54	16 58	1 21	21 13	0 6	11 34	0 40	3 40	2 53	3 20	0 45	3 33	1 56	33 3	12 46	21 30	21 48	8 13		n.a.
F 8	9 47	17 22	1s12	1 38	1 1	16 35	1 22	21 20	0 5	11 38	0 40	3 42	2 53	3 21	0 45	3 33	1 56	33 3	12 46	21 30	21 49	8 15		n.a.
S 9	9 24	11 53	2 25	0 57	1 8	16 11	1 23	21 26	0 3	11 41	0 39	3 44	2 53	3 22	0 45	3 32	1 56	33 2	12 47	21 30	21 49	8 18		n.a.
S 10	9 2	5 36	3 30	0 16	1 15	15 48	1 24	21 32	0 2	11 45	0 39	3 46	2 53	3 23	0 45	3 31	1 56	33 2	12 47	21 31	21 50	8 21		n.a.
M11	8 39	1s 3	4 22	0s24	1 22	15 23	1 25	21 38	0 1	11 49	0 39	3 48	2 53	3 24	0 45	3 30	1 56	33 2	12 47	21 32	21 50	8 24		n.a.
T 12	8 17	7 39	4 55	1 4	1 28	14 59	1 25	21 44	0n 1	11 53	0 39	3 50	2 53	3 25	0 45	3 29	1 56	33 2	12 48	21 34	21 51	8 27		n.a.
W13	7 54	13 45	5 8	1 44	1 35	14 33	1 26	21 50	0 2	11 57	0 39	3 52	2 54	3 26	0 45	3 28	1 56	33 2	12 48	21 35	21 51	8 30		n.a.
T 14	7 31	18 57	5 0	2 23	1 42	14 8	1 26	21 55	0 3	12 1	0 39	3 54	2 54	3 27	0 45	3 27	1 56	33 2	12 48	21 36	21 52	8 33		n.a.
F 15	7 8	22 55	4 33	3 2	1 48	13 42	1 27	22 1	0 5	12 5	0 38	3 56	2 54	3 28	0 45	3 26	1 56	33 2	12 49	21 36	21 53	8 36		n.a.
S 16	6 44	25 24	3 51	3 40	1 55	13 16	1 27	22 6	0 6	12 9	0 38	3 58	2 54	3 29	0 45	3 26	1 56	33 2	12 49	21 37	21 53	8 38		n.a.
S 17	6 21	26 19	2 56	4 17	2 1	12 49	1 27	22 12	0 8	12 13	0 38	4 0	2 54	3 30	0 45	3 25	1 56	33 2	12 49	21 37	21 54	8 41		n.a.
M18	5 58	25 41	1 54	4 53	2 7	12 22	1 27	22 17	0 9	12 17	0 38	4 2	2 54	3 30	0 46	3 24	1 56	33 2	12 50	21 37	21 54	8 44		n.a.
T 19	5 34	23 41	0 47	5 29	2 13	11 54	1 28	22 22	0 11	12 21	0 38	4 4	2 54	3 31	0 46	3 23	1 56	33 2	12 50	21 36	21 55	8 47		n.a.
W20	5 10	20 33	0n20	6 4	2 18	11 27	1 28	22 27	0 12	12 25	0 37	4 6	2 54	3 32	0 46	3 22	1 56	33 2	12 50	21 36	21 55	8 50		n.a.
T 21	4 46	16 32	1 26	6 38	2 23	10 59	1 28	22 32	0 14	12 29	0 37	4 8	2 54	3 33	0 46	3 21	1 56	33 2	12 51	21 37	21 56	8 53		n.a.
F 22	4 23	11 54	2 26	7 11	2 28	10 30	1 28	22 37	0 15	12 33	0 37	4 10	2 54	3 34	0 45	3 20	1 56	33 2	12 51	21 37	21 56	8 56		n.a.
S 23	3 59	6 51	3 19	7 43	2 33	10 2	1 28	22 42	0 17	12 37	0 37	4 12	2 54	3 35	0 45	3 19	1 56	33 2	12 51	21 39	21 57	8 59		n.a.
S 24	3 35	1 37	4 3	8 13	2 37	9 33	1 27	22 46	0 18	12 41	0 37	4 14	2 54	3 36	0 45	3 18	1 56	33 2	12 52	21 40	21 57	9 1		n.a.
M25	3 11	3n39	4 35	8 42	2 41	9 3	1 27	22 51	0 20	12 45	0 37	4 16	2 54	3 37	0 45	3 17	1 56	33 2	12 52	21 42	21 58	9 4		n.a.
T 26	2 46	8 45	4 55	9 9	2 45	8 34	1 27	22 55	0 21	12 49	0 36	4 18	2 54	3 38	0 45	3 16	1 56	33 2	12 53	21 44	21 58	9 7		n.a.
W27	2 22	13 31	5 3	9 35	2 48	8 4	1 26	23 0	0 23	12 54	0 36	4 19	2 54	3 39	0 45	3 16	1 56	33 2	12 53	21 46	21 59	9 10		n.a.
T 28	1 58	17 48	4 57	9 59	2 50	7 34	1 26	23 4	0 25	12 58	0 36	4 21	2 54	3 40	0 45	3 15	1 56	33 2	12 53	21 48	21 59	9 13		n.a.
F 29	1 34	21 23	4 39	10 21	2 52	7 4	1 25	23 8	0 26	13 2	0 36	4 23	2 54	3 41	0 45	3 14	1 56	33 2	12 54	21 50	22 0	9 16		n.a.
S 30	1n 9	24n 6	4n 8	10s40	2s53	6n34	1n25	23n12	0n28	13s 6	0n36	4s25	2s54	3s42	0s45	3n13	1n56	33n 2	12n54	21s51	22s 0	9n18		n.a.

Julian Day Number = 1353859.5, Delta T = 07h04m55s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'06, Lahiri = -17°51'06 Julian Calendar 1 Sept. 1007 BCE == Greg. Calendar 22 Aug. 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

OCTOBER 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 59 7	28♍ 8'45	10♊23	20♎56	18♍ 7	13♊31	6♏ 0	25°R33	22°R29	26♍27	0♌ 1	22°R48	21♑50	11♈43	n.a.	S 1
M 2	0 3 3	29° 9'12	22°47	21°35	19°23	13°49	6°13	25♓28	22♓27	26°29	0° 3	22♑46	21°46	11°50	n.a.	M 2
T 3	0 7 0	0♎ 9'40	5♋30	22° 7	20°38	14° 7	6°25	25°23	22°24	26°32	0° 4	22°D46	21°43	11°57	n.a.	T 3
W 4	0 10 56	1°10'11	18°35	22°34	21°54	14°24	6°37	25°18	22°22	26°34	0° 5	22°R46	21°40	12° 4	n.a.	W 4
T 5	0 14 53	2°10'44	2♌ 8	22°53	23° 9	14°41	6°50	25°13	22°19	26°36	0° 6	22°46	21°37	12°10	n.a.	T 5
F 6	0 18 49	3°11'18	16°10	23° 5	24°25	14°57	7° 2	25° 8	22°17	26°38	0° 7	22°44	21°34	12°17	n.a.	F 6
S 7	0 22 46	4°11'55	0♍41	23°R 9	25°41	15°12	7°15	25° 3	22°14	26°41	0° 9	22°39	21°31	12°24	n.a.	S 7
S 8	0 26 42	5°12'33	15°37	23° 3	26°56	15°27	7°27	24°59	22°12	26°43	0°10	22°32	21°27	12°31	n.a.	S 8
M 9	0 30 39	6°13'13	0♎51	22°48	28°12	15°42	7°40	24°54	22°10	26°45	0°11	22°22	21°24	12°37	n.a.	M 9
T 10	0 34 35	7°13'55	16°13	22°22	29°27	15°56	7°53	24°49	22° 7	26°47	0°12	22°11	21°21	12°44	n.a.	T 10
W11	0 38 32	8°14'38	1♏30	21°47	0♎43	16° 9	8° 6	24°44	22° 5	26°49	0°13	22° 0	21°18	12°51	n.a.	W11
T 12	0 42 29	9°15'23	16°31	21° 0	1°59	16°22	8°18	24°40	22° 3	26°52	0°14	21°50	21°15	12°57	n.a.	T 12
F 13	0 46 25	10°16'09	1♐ 9	20° 5	3°14	16°34	8°31	24°35	22° 0	26°54	0°15	21°43	21°11	13° 4	n.a.	F 13
S 14	0 50 22	11°16'56	15°18	19° 0	4°30	16°46	8°44	24°30	21°58	26°56	0°16	21°38	21° 8	13°11	n.a.	S 14
S 15	0 54 18	12°17'45	28°58	17°47	5°46	16°57	8°57	24°26	21°56	26°58	0°17	21°36	21° 5	13°18	n.a.	S 15
M16	0 58 15	13°18'34	12♑10	16°29	7° 1	17° 7	9°10	24°21	21°53	27° 0	0°17	21°D36	21° 2	13°24	n.a.	M16
T 17	1 2 11	14°19'25	24°58	15° 8	8°17	17°17	9°23	24°17	21°51	27° 3	0°18	21°R36	20°59	13°31	n.a.	T 17
W18	1 6 8	15°20'17	7♒27	13°47	9°32	17°26	9°36	24°12	21°49	27° 5	0°19	21°35	20°56	13°38	n.a.	W18
T 19	1 10 5	16°21'10	19°42	12°27	10°48	17°35	9°50	24° 8	21°47	27° 7	0°20	21°32	20°52	13°45	n.a.	T 19
F 20	1 14 1	17°22'04	1♓46	11°12	12° 4	17°42	10° 3	24° 4	21°45	27° 9	0°21	21°27	20°49	13°51	n.a.	F 20
S 21	1 17 58	18°22'59	13°44	10° 5	13°19	17°49	10°16	23°59	21°43	27°11	0°21	21°18	20°46	13°58	n.a.	S 21
S 22	1 21 54	19°23'55	25°37	9° 6	14°35	17°56	10°29	23°55	21°40	27°13	0°22	21° 7	20°43	14° 5	n.a.	S 22
M23	1 25 51	20°24'52	7♈30	8°18	15°51	18° 1	10°43	23°51	21°38	27°15	0°23	20°53	20°40	14°11	n.a.	M23
T 24	1 29 47	21°25'51	19°22	7°41	17° 6	18° 6	10°56	23°47	21°36	27°18	0°23	20°38	20°36	14°18	n.a.	T 24
W25	1 33 44	22°26'50	1♉16	7°15	18°22	18°11	11° 9	23°43	21°34	27°20	0°24	20°23	20°33	14°25	n.a.	W25
T 26	1 37 40	23°27'51	13°13	7° 2	19°37	18°14	11°23	23°39	21°32	27°22	0°24	20° 9	20°30	14°32	n.a.	T 26
F 27	1 41 37	24°28'53	25°14	6°D59	20°53	18°17	11°36	23°35	21°30	27°24	0°25	19°57	20°27	14°38	n.a.	F 27
S 28	1 45 33	25°29'56	7♊21	7° 7	22° 9	18°19	11°50	23°31	21°28	27°26	0°25	19°48	20°24	14°45	n.a.	S 28
S 29	1 49 30	26°31'01	19°35	7°24	23°24	18°20	12° 3	23°28	21°26	27°28	0°26	19°42	20°21	14°52	n.a.	S 29
M30	1 53 27	27°32'06	2♋ 2	7°50	24°40	18°R20	12°17	23°24	21°25	27°30	0°26	19°39	20°17	14°58	n.a.	M30
T 31	1 57 23	28♎33'13	14♋43	8♎24	25♎56	18♊20	12♏30	23♓21	21♓23	27♍32	0♌27	19°D38	20♑14	15♈ 5	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	0n45	25n44	3n25	10s57	2s53	6n 3	1n24	23n17	0n30	13s10	0n36	4s27	2s54	3s43	0s45	3n12	1n56	33n 2	12n55	21s51	22s 1	9n21					n.a.
M 2	0 21	26 9	2 32	11 12	2 52	5 33	1 24	23 21	0 32	13 15	0 36	4 29	2 54	3 44	0 45	3 11	1 56	33 2	12 55	21 52	22 1	9 24					n.a.
T 3	0s 4	25 12	1 30	11 23	2 51	5 2	1 23	23 24	0 33	13 19	0 35	4 31	2 54	3 45	0 45	3 10	1 56	33 2	12 55	21 52	22 2	9 27					n.a.
W 4	0 28	22 52	0 22	11 30	2 48	4 31	1 22	23 28	0 35	13 23	0 35	4 33	2 54	3 46	0 45	3 9	1 56	33 2	12 56	21 52	22 2	9 30					n.a.
T 5	0 53	19 11	0s50	11 34	2 44	4 0	1 21	23 32	0 37	13 27	0 35	4 35	2 54	3 47	0 45	3 8	1 56	33 3	12 56	21 52	22 3	9 32					n.a.
F 6	1 17	14 19	2 1	11 34	2 39	3 28	1 20	23 36	0 39	13 32	0 35	4 37	2 54	3 48	0 45	3 7	1 56	33 3	12 57	21 52	22 3	9 35					n.a.
S 7	1 42	8 30	3 6	11 29	2 33	2 57	1 19	23 39	0 41	13 36	0 35	4 39	2 54	3 49	0 45	3 7	1 56	33 3	12 57	21 53	22 4	9 38					n.a.
S 8	2 6	2 3	4 1	11 20	2 25	2 26	1 18	23 43	0 43	13 40	0 35	4 41	2 54	3 50	0 45	3 6	1 56	33 3	12 57	21 54	22 5	9 41					n.a.
M 9	2 30	4s37	4 40	11 5	2 15	1 54	1 17	23 47	0 45	13 45	0 34	4 43	2 54	3 51	0 45	3 5	1 56	33 3	12 58	21 56	22 5	9 44					n.a.
T 10	2 55	11 4	4 59	10 45	2 4	1 22	1 16	23 50	0 47	13 49	0 34	4 45	2 54	3 52	0 45	3 4	1 56	33 3	12 58	21 57	22 6	9 47					n.a.
W11	3 19	16 48	4 57	10 19	1 51	0 51	1 14	23 53	0 49	13 53	0 34	4 46	2 54	3 53	0 45	3 3	1 56	33 4	12 59	21 59	22 6	9 49					n.a.
T 12	3 43	21 24	4 34	9 48	1 36	0 19	1 13	23 57	0 51	13 58	0 34	4 48	2 54	3 54	0 45	3 2	1 56	33 4	12 59	22 1	22 7	9 52					n.a.
F 13	4 8	24 31	3 53	9 11	1 19	0s13	1 12	24 0	0 53	14 2	0 34	4 50	2 54	3 55	0 45	3 1	1 56	33 4	13 0	22 2	22 7	9 55					n.a.
S 14	4 32	25 58	2 59	8 30	1 1	0 44	1 10	24 3	0 55	14 6	0 34	4 52	2 54	3 56	0 45	3 0	1 56	33 4	13 0	22 3	22 8	9 58					n.a.
S 15	4 56	25 45	1 57	7 44	0 42	1 16	1 9	24 7	0 57	14 11	0 34	4 54	2 53	3 56	0 45	3 0	1 56	33 4	13 0	22 3	22 8	10 0					n.a.
M16	5 20	24 4	0 50	6 55	0 22	1 48	1 7	24 10	0 59	14 15	0 33	4 55	2 53	3 57	0 45	2 59	1 56	33 5	13 1	22 3	22 9	10 3					n.a.
T 17	5 44	21 11	0n18	6 4	0 1	2 20	1 6	24 13	1 1	14 19	0 33	4 57	2 53	3 58	0 45	2 58	1 56	33 5	13 1	22 3	22 9	10 6					n.a.
W18	6 8	17 22	1 23	5 13	0n20	2 51	1 4	24 16	1 3	14 24	0 33	4 59	2 53	3 59	0 45	2 57	1 56	33 5	13 2	22 3	22 10	10 9					n.a.
T 19	6 32	12 53	2 23	4 23	0 40	3 23	1 3	24 19	1 6	14 28	0 33	5 0	2 53	4 0	0 45	2 56	1 56	33 5	13 2	22 4	22 10	10 12					n.a.
F 20	6 55	7 59	3 15	3 36	0 59	3 54	1 1	24 22	1 8	14 32	0 33	5 2	2 53	4 1	0 45	2 55	1 56	33 6	13 3	22 5	22 10	10 14					n.a.
S 21	7 19	2 51	3 58	2 53	1 17	4 26	0 59	24 25	1 10	14 37	0 33	5 3	2 53	4 2	0 45	2 54	1 56	33 6	13 3	22 6	22 11	10 17					n.a.
S 22	7 42	2n22	4 30	2 14	1 33	4 57	0 57	24 28	1 13	14 41	0 33	5 5	2 52	4 2	0 45	2 54	1 56	33 6	13 4	22 8	22 11	10 20					n.a.
M23	8 6	7 28	4 51	1 42	1 47	5 28	0 56	24 31	1 15	14 45	0 33	5 6	2 52	4 3	0 45	2 53	1 56	33 6	13 4	22 10	22 12	10 23					n.a.
T 24	8 29	12 17	4 59	1 16	2 0	6 0	0 54	24 33	1 17	14 50	0 32	5 8	2 52	4 4	0 45	2 52	1 56	33 7	13 5	22 12	22 12	10 25					n.a.
W25	8 52	16 40	4 54	0 57	2 10	6 31	0 52	24 36	1 20	14 54	0 32	5 9	2 52	4 5	0 45	2 51	1 56	33 7	13 5	22 15	22 13	10 28					n.a.
T 26	9 15	20 25	4 36	0 43	2 18	7 1	0 50	24 39	1 22	14 58	0 32	5 11	2 52	4 6	0 45	2 50	1 56	33 7	13 5	22 17	22 13	10 31					n.a.
F 27	9 38	23 20	4 5	0 36	2 25	7 32	0 48	24 41	1 24	15 3	0 32	5 12	2 52	4 6	0 45	2 50	1 56	33 8	13 6	22 18	22 14	10 34					n.a.
S 28	10 1	25 13	3 23	0 35	2 29	8 3	0 46	24 44	1 27	15 7	0 32	5 14	2 51	4 7	0 45	2 49	1 56	33 8	13 6	22 20	22 14	10 36					n.a.
S 29	10 23	25 55	2 31	0 39	2 32	8 33	0 44	24 47	1 29	15 11	0 32	5 15	2 51	4 8	0 45	2 48	1 56	33 8	13 7	22 21	22 15	10 39					n.a.
M30	10 46	25 20	1 32	0 48	2 34	9 3	0 42	24 49	1 32	15 16	0 32	5 16	2 51	4 9	0 45	2 47	1 56	33 9	13 7	22 21	22 15	10 42					n.a.
T 31	11s 8	23n25	0n26	1s 1	2n35	9s33	0n40	24n52	1n34	15s20	0n32	5s17	2s51	4s 9	0s45	2n46	1n56	33n 9	13n 8	22s21	22s16	10n45					n.a.

Julian Day Number = 1353889.5, Delta T = 07h04m54s
Ecliptic obliquity = 23°48'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°58'02, Lahiri = -17°51'02 Julian Calendar 1 Oct. 1007 BCE == Greg. Calendar 21 Sept. 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

NOVEMBER 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 1 20	29♎34'21	27♋43	9♎ 5	27♎11	18°R18	12♏44	23°R17	21°R21	27♍34	0♌27	19°R38	20♉11	15♈12	n.a.	W 1
T 2	2 5 16	0♏35'30	11♌ 6	9°53	28°27	18♊16	12°58	23♓14	21♓19	27°36	0°27	19♉38	20° 8	15°19	n.a.	T 2
F 3	2 9 13	1°36'40	24°56	10°46	29°43	18°14	13°11	23°10	21°17	27°38	0°28	19°36	20° 5	15°25	n.a.	F 3
S 4	2 13 9	2°37'51	9♍12	11°44	0♏58	18°10	13°25	23° 7	21°16	27°40	0°28	19°32	20° 2	15°32	n.a.	S 4
S 5	2 17 6	3°39'04	23°55	12°46	2°14	18° 5	13°39	23° 4	21°14	27°42	0°28	19°25	19°58	15°39	n.a.	S 5
M 6	2 21 3	4°40'17	8♎58	13°52	3°29	18° 0	13°52	23° 1	21°12	27°44	0°28	19°15	19°55	15°46	n.a.	M 6
T 7	2 24 59	5°41'31	24°13	15° 1	4°45	17°54	14° 6	22°58	21°11	27°45	0°29	19° 4	19°52	15°52	n.a.	T 7
W 8	2 28 56	6°42'45	9♏29	16°13	6° 1	17°47	14°20	22°55	21° 9	27°47	0°29	18°53	19°49	15°59	n.a.	W 8
T 9	2 32 52	7°44'01	24°36	17°27	7°16	17°39	14°34	22°52	21° 8	27°49	0°29	18°43	19°46	16° 6	n.a.	T 9
F 10	2 36 49	8°45'17	9♐22	18°44	8°32	17°30	14°47	22°50	21° 6	27°51	0°29	18°35	19°42	16°12	n.a.	F 10
S 11	2 40 45	9°46'33	23°42	20° 2	9°47	17°20	15° 1	22°47	21° 5	27°53	0°29	18°30	19°39	16°19	n.a.	S 11
S 12	2 44 42	10°47'49	7♑32	21°22	11° 3	17°10	15°15	22°45	21° 4	27°55	0°R29	18°28	19°36	16°26	n.a.	S 12
M13	2 48 38	11°49'06	20°52	22°43	12°19	16°59	15°29	22°42	21° 2	27°56	0°29	18°D27	19°33	16°33	n.a.	M13
T 14	2 52 35	12°50'23	3♒47	24° 6	13°34	16°47	15°43	22°40	21° 1	27°58	0°29	18°28	19°30	16°39	n.a.	T 14
W15	2 56 32	13°51'39	16°18	25°30	14°50	16°34	15°56	22°38	21° 0	28° 0	0°29	18°R28	19°27	16°46	n.a.	W15
T 16	3 0 28	14°52'56	28°33	26°54	16° 5	16°20	16°10	22°36	20°59	28° 1	0°29	18°27	19°23	16°53	n.a.	T 16
F 17	3 4 25	15°54'13	10♓35	28°20	17°21	16° 6	16°24	22°34	20°58	28° 3	0°29	18°23	19°20	17° 0	n.a.	F 17
S 18	3 8 21	16°55'29	22°30	29°46	18°36	15°51	16°38	22°32	20°56	28° 5	0°28	18°18	19°17	17° 6	n.a.	S 18
S 19	3 12 18	17°56'46	4♈21	1♏13	19°52	15°35	16°52	22°31	20°55	28° 6	0°28	18° 9	19°14	17°13	n.a.	S 19
M20	3 16 14	18°58'03	16°13	2°40	21° 7	15°18	17° 6	22°29	20°54	28° 8	0°28	17°59	19°11	17°20	n.a.	M20
T 21	3 20 11	19°59'19	28° 7	4° 9	22°23	15° 1	17°19	22°27	20°53	28° 9	0°28	17°47	19° 8	17°26	n.a.	T 21
W22	3 24 7	21° 0'36	10♉ 5	5°37	23°38	14°43	17°33	22°26	20°53	28°11	0°27	17°35	19° 4	17°33	n.a.	W22
T 23	3 28 4	22° 1'53	22° 9	7° 6	24°54	14°24	17°47	22°25	20°52	28°13	0°27	17°24	19° 1	17°40	n.a.	T 23
F 24	3 32 1	23° 3'09	4♊20	8°36	26° 9	14° 5	18° 1	22°24	20°51	28°14	0°27	17°15	18°58	17°47	n.a.	F 24
S 25	3 35 57	24° 4'26	16°39	10° 6	27°25	13°45	18°15	22°22	20°50	28°15	0°26	17° 8	18°55	17°53	n.a.	S 25
S 26	3 39 54	25° 5'43	29° 7	11°36	28°40	13°25	18°28	22°22	20°49	28°17	0°26	17° 4	18°52	18° 0	n.a.	S 26
M27	3 43 50	26° 6'59	11♋45	13° 7	29°56	13° 4	18°42	22°21	20°49	28°18	0°25	17°D 2	18°48	18° 7	n.a.	M27
T 28	3 47 47	27° 8'16	24°36	14°38	1♐11	12°42	18°56	22°20	20°48	28°20	0°25	17° 2	18°45	18°13	n.a.	T 28
W29	3 51 43	28° 9'33	7♌42	16°10	2°26	12°20	19°10	22°19	20°48	28°21	0°24	17° 4	18°42	18°20	n.a.	W29
T 30	3 55 40	29♏10'49	21♌ 5	17♏42	3♐42	11♊58	19♏24	22♓19	20♓47	28♍22	0♌24	17♉ 5	18♉39	18♈27	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	11s30	20n15	0s43	1s18	2n34	10s 3	0n38	24n54	1n37	15s24	0n31	5s19	2s51	4s10	0s45	2n46	1n57	33n 9	13n 8	22s21	22s16	10n47		n.a.
T 2	11 52	15 56	1 51	1 39	2 32	10 32	0 36	24 57	1 40	15 29	0 31	5 20	2 50	4 11	0 45	2 45	1 57	33 10	13 9	22 21	22 17	10 50		n.a.
F 3	12 13	10 40	2 55	2 2	2 30	11 2	0 33	24 59	1 42	15 33	0 31	5 21	2 50	4 11	0 45	2 44	1 57	33 10	13 9	22 22	22 17	10 53		n.a.
S 4	12 35	4 42	3 50	2 28	2 26	11 30	0 31	25 1	1 45	15 37	0 31	5 22	2 50	4 12	0 45	2 43	1 57	33 11	13 10	22 22	22 18	10 55		n.a.
S 5	12 56	1s42	4 32	2 56	2 22	11 59	0 29	25 3	1 47	15 41	0 31	5 23	2 50	4 13	0 45	2 43	1 57	33 11	13 10	22 23	22 18	10 58		n.a.
M 6	13 17	8 8	4 56	3 26	2 18	12 27	0 27	25 5	1 50	15 46	0 31	5 24	2 50	4 13	0 45	2 42	1 57	33 11	13 11	22 25	22 19	11 1		n.a.
T 7	13 38	14 10	5 0	3 58	2 13	12 55	0 24	25 8	1 53	15 50	0 31	5 25	2 49	4 14	0 45	2 41	1 57	33 12	13 11	22 26	22 19	11 4		n.a.
W 8	13 58	19 19	4 42	4 31	2 7	13 23	0 22	25 10	1 55	15 54	0 31	5 26	2 49	4 14	0 45	2 40	1 57	33 12	13 12	22 28	22 20	11 6		n.a.
T 9	14 18	23 10	4 5	5 5	2 2	13 51	0 20	25 11	1 58	15 58	0 31	5 27	2 49	4 15	0 45	2 40	1 57	33 13	13 12	22 29	22 20	11 9		n.a.
F 10	14 39	25 21	3 12	5 40	1 56	14 18	0 17	25 13	2 1	16 3	0 31	5 28	2 49	4 16	0 45	2 39	1 57	33 13	13 13	22 30	22 21	11 12		n.a.
S 11	14 58	25 47	2 7	6 16	1 49	14 44	0 15	25 15	2 3	16 7	0 30	5 29	2 48	4 16	0 45	2 38	1 57	33 14	13 13	22 31	22 21	11 14		n.a.
S 12	15 18	24 34	0 58	6 53	1 43	15 11	0 13	25 17	2 6	16 11	0 30	5 29	2 48	4 17	0 45	2 38	1 57	33 14	13 14	22 31	22 22	11 17		n.a.
M13	15 37	21 57	0n13	7 30	1 36	15 36	0 10	25 18	2 9	16 15	0 30	5 30	2 48	4 17	0 44	2 37	1 57	33 15	13 14	22 31	22 22	11 20		n.a.
T 14	15 56	18 18	1 21	8 7	1 29	16 2	0 8	25 20	2 12	16 19	0 30	5 31	2 48	4 18	0 44	2 36	1 57	33 15	13 14	22 31	22 22	11 22		n.a.
W15	16 15	13 56	2 23	8 44	1 22	16 27	0 6	25 21	2 14	16 23	0 30	5 31	2 47	4 18	0 44	2 36	1 57	33 15	13 15	22 31	22 23	11 25		n.a.
T 16	16 33	9 6	3 16	9 22	1 15	16 51	0 3	25 22	2 17	16 28	0 30	5 32	2 47	4 19	0 44	2 35	1 57	33 16	13 15	22 31	22 23	11 28		n.a.
F 17	16 51	4 0	4 1	10 0	1 8	17 16	0 1	25 24	2 20	16 32	0 30	5 32	2 47	4 19	0 44	2 34	1 57	33 16	13 16	22 32	22 24	11 30		n.a.
S 18	17 9	1n10	4 34	10 38	1 0	17 39	0s 1	25 25	2 22	16 36	0 30	5 33	2 47	4 19	0 44	2 34	1 57	33 17	13 16	22 33	22 24	11 33		n.a.
S 19	17 27	6 15	4 55	11 15	0 53	18 2	0 4	25 25	2 25	16 40	0 30	5 33	2 46	4 20	0 44	2 33	1 57	33 17	13 17	22 34	22 25	11 36		n.a.
M20	17 44	11 7	5 3	11 53	0 46	18 25	0 6	25 26	2 28	16 44	0 30	5 34	2 46	4 20	0 44	2 33	1 57	33 18	13 17	22 35	22 25	11 38		n.a.
T 21	18 1	15 36	4 59	12 30	0 39	18 47	0 8	25 27	2 30	16 48	0 29	5 34	2 46	4 20	0 44	2 32	1 57	33 18	13 18	22 37	22 26	11 41		n.a.
W22	18 17	19 30	4 41	13 7	0 31	19 9	0 11	25 27	2 33	16 52	0 29	5 34	2 45	4 21	0 44	2 31	1 57	33 19	13 18	22 38	22 26	11 44		n.a.
T 23	18 34	22 37	4 10	13 43	0 24	19 30	0 13	25 28	2 35	16 56	0 29	5 35	2 45	4 21	0 44	2 31	1 58	33 19	13 19	22 40	22 27	11 46		n.a.
F 24	18 50	24 45	3 28	14 19	0 17	19 51	0 16	25 28	2 38	17 0	0 29	5 35	2 45	4 21	0 44	2 30	1 58	33 20	13 19	22 41	22 27	11 49		n.a.
S 25	19 5	25 43	2 36	14 55	0 10	20 11	0 18	25 28	2 40	17 4	0 29	5 35	2 45	4 22	0 44	2 30	1 58	33 21	13 20	22 42	22 27	11 52		n.a.
S 26	19 20	25 24	1 35	15 30	0 3	20 30	0 20	25 28	2 43	17 8	0 29	5 35	2 44	4 22	0 44	2 29	1 58	33 21	13 20	22 42	22 28	11 54		n.a.
M27	19 35	23 45	0 28	16 5	0s 4	20 49	0 22	25 27	2 45	17 12	0 29	5 35	2 44	4 22	0 44	2 29	1 58	33 22	13 20	22 43	22 28	11 57		n.a.
T 28	19 50	20 52	0s41	16 39	0 11	21 7	0 25	25 27	2 48	17 16	0 29	5 35	2 44	4 22	0 44	2 28	1 58	33 22	13 21	22 43	22 29	12 0		n.a.
W29	20 4	16 53	1 49	17 13	0 18	21 25	0 27	25 26	2 50	17 20	0 29	5 35	2 43	4 22	0 44	2 28	1 58	33 23	13 21	22 42	22 29	12 2		n.a.
T 30	20s17	11n58	2s53	17s46	0s24	21s42	0s29	25n25	2n52	17s24	0n29	5s35	2s43	4s23	0s44	2n27	1n58	33n23	13n22	22s42	22s30	12n 5		n.a.

Julian Day Number = 1353920.5, Delta T = 07h04m52s
Ecliptic obliquity = 23°48'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'58, Lahiri = -17°50'58 Julian Calendar 1 Nov. 1007 BCE == Greg. Calendar 22 Oct. 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1007 BCE
geocentric

DECEMBER 1007 BCE (-1006) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 59 37	0♐12'06	4♍47	19♏14	4♐57	11°R35	19♏37	22°R18	20°R47	28♍24	0°R23	17°R 5	18♉36	18♈34	n.a.	F 1
S 2	4 3 33	1°13'23	18°50	20°47	6°13	11♊12	19°51	22♓18	20♓46	28°25	0♌23	17♉ 3	18°33	18°40	n.a.	S 2
S 3	4 7 30	2°14'39	3♎13	22°20	7°28	10°49	20° 5	22°18	20°46	28°26	0°22	17° 0	18°29	18°47	n.a.	S 3
M 4	4 11 26	3°15'56	17°53	23°54	8°43	10°25	20°18	22°D18	20°46	28°27	0°21	16°55	18°26	18°54	n.a.	M 4
T 5	4 15 23	4°17'12	2♏46	25°28	9°59	10° 1	20°32	22°18	20°45	28°29	0°21	16°48	18°23	19° 1	n.a.	T 5
W 6	4 19 19	5°18'28	17°42	27° 2	11°14	9°37	20°46	22°18	20°45	28°30	0°20	16°41	18°20	19° 7	n.a.	W 6
T 7	4 23 16	6°19'43	2♐33	28°37	12°30	9°13	20°59	22°19	20°45	28°31	0°19	16°35	18°17	19°14	n.a.	T 7
F 8	4 27 12	7°20'58	17°11	0♐13	13°45	8°49	21°13	22°19	20°45	28°32	0°18	16°30	18°14	19°21	n.a.	F 8
S 9	4 31 9	8°22'13	1♑29	1°48	15° 0	8°25	21°27	22°20	20°D45	28°33	0°18	16°27	18°10	19°27	n.a.	S 9
S 10	4 35 6	9°23'26	15°22	3°25	16°16	8° 1	21°40	22°20	20°45	28°34	0°17	16°D26	18° 7	19°34	n.a.	S 10
M11	4 39 2	10°24'39	28°48	5° 2	17°31	7°37	21°54	22°21	20°45	28°35	0°16	16°27	18° 4	19°41	n.a.	M11
T 12	4 42 59	11°25'51	11♒49	6°39	18°46	7°13	22° 7	22°22	20°45	28°36	0°15	16°28	18° 1	19°48	n.a.	T 12
W13	4 46 55	12°27'01	24°27	8°17	20° 1	6°49	22°21	22°23	20°45	28°37	0°14	16°30	17°58	19°54	n.a.	W13
T 14	4 50 52	13°28'11	6♓47	9°55	21°17	6°26	22°34	22°24	20°45	28°38	0°13	16°31	17°54	20° 1	n.a.	T 14
F 15	4 54 48	14°29'19	18°52	11°34	22°32	6° 3	22°47	22°25	20°46	28°39	0°12	16°R31	17°51	20° 8	n.a.	F 15
S 16	4 58 45	15°30'26	0♈48	13°14	23°47	5°40	23° 1	22°26	20°46	28°40	0°11	16°30	17°48	20°15	n.a.	S 16
S 17	5 2 42	16°31'32	12°40	14°54	25° 2	5°17	23°14	22°28	20°46	28°40	0°10	16°27	17°45	20°21	n.a.	S 17
M18	5 6 38	17°32'37	24°32	16°35	26°18	4°55	23°27	22°29	20°47	28°41	0° 9	16°23	17°42	20°28	n.a.	M18
T 19	5 10 35	18°33'40	6♉28	18°16	27°33	4°34	23°40	22°31	20°47	28°42	0° 8	16°19	17°39	20°35	n.a.	T 19
W20	5 14 31	19°34'43	18°31	19°58	28°48	4°13	23°54	22°33	20°48	28°43	0° 7	16°14	17°35	20°41	n.a.	W20
T 21	5 18 28	20°35'44	0♊43	21°41	0♑ 3	3°52	24° 7	22°35	20°48	28°43	0° 6	16° 9	17°32	20°48	n.a.	T 21
F 22	5 22 24	21°36'44	13° 5	23°24	1°18	3°32	24°20	22°37	20°49	28°44	0° 5	16° 5	17°29	20°55	n.a.	F 22
S 23	5 26 21	22°37'43	25°40	25° 8	2°33	3°12	24°33	22°39	20°50	28°44	0° 4	16° 3	17°26	21° 2	n.a.	S 23
S 24	5 30 17	23°38'41	8♋27	26°52	3°48	2°54	24°46	22°41	20°51	28°45	0° 3	16° 1	17°23	21° 8	n.a.	S 24
M25	5 34 14	24°39'37	21°26	28°37	5° 3	2°35	24°59	22°43	20°51	28°46	0° 1	16°D 1	17°20	21°15	n.a.	M25
T 26	5 38 11	25°40'33	4♌38	0♑23	6°18	2°18	25°12	22°46	20°52	28°46	0° 0	16° 2	17°16	21°22	n.a.	T 26
W27	5 42 7	26°41'27	18° 2	2° 9	7°34	2° 1	25°25	22°48	20°53	28°47	29♋59	16° 3	17°13	21°29	n.a.	W27
T 28	5 46 4	27°42'21	1♍39	3°55	8°49	1°45	25°37	22°51	20°54	28°47	29°58	16° 5	17°10	21°35	n.a.	T 28
F 29	5 50 0	28°43'13	15°28	5°42	10° 4	1°29	25°50	22°54	20°55	28°47	29°56	16° 6	17° 7	21°42	n.a.	F 29
S 30	5 53 57	29°44'04	29°28	7°29	11°19	1°14	26° 3	22°57	20°56	28°48	29°55	16°R 6	17° 4	21°49	n.a.	S 30
S 31	5 57 53	0♑44'54	13♎40	9♑17	12♑34	1♊ 0	26♏16	23♓ 0	20♓57	28♍48	29♋54	16♑ 6	17♑ 0	21♈55	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20s31	6n22	3s49	18s18	0s31	21s59	0s32	25n24	2n54	17s28	0n29	5s35	2s43	4s23	0s44	2n27	1n58	33n24	13n22	22s42	22s30	12n 8		n.a.
S 2	20 44	0 19	4 32	18 50	0 37	22 14	0 34	25 23	2 56	17 31	0 28	5 35	2 43	4 23	0 44	2 26	1 58	33 24	13 23	22 42	22 31	12 10		n.a.
S 3	20 56	5s52	5 0	19 20	0 43	22 29	0 36	25 22	2 58	17 35	0 28	5 35	2 42	4 23	0 44	2 26	1 58	33 25	13 23	22 43	22 31	12 13		n.a.
M 4	21 8	11 52	5 9	19 50	0 50	22 44	0 38	25 20	3 0	17 39	0 28	5 34	2 42	4 23	0 44	2 26	1 58	33 26	13 24	22 44	22 31	12 15		n.a.
T 5	21 20	17 15	4 57	20 20	0 55	22 58	0 40	25 18	3 2	17 43	0 28	5 34	2 42	4 23	0 44	2 25	1 58	33 26	13 24	22 44	22 32	12 18		n.a.
W 6	21 31	21 36	4 25	20 48	1 1	23 11	0 42	25 16	3 4	17 46	0 28	5 34	2 41	4 23	0 44	2 25	1 58	33 27	13 24	22 45	22 32	12 21		n.a.
T 7	21 42	24 31	3 35	21 15	1 7	23 23	0 44	25 14	3 6	17 50	0 28	5 33	2 41	4 23	0 44	2 24	1 58	33 27	13 25	22 46	22 33	12 23		n.a.
F 8	21 53	25 43	2 32	21 41	1 12	23 35	0 47	25 12	3 8	17 54	0 28	5 33	2 41	4 23	0 44	2 24	1 58	33 28	13 25	22 47	22 33	12 26		n.a.
S 9	22 3	25 9	1 20	22 6	1 17	23 46	0 49	25 10	3 9	17 58	0 28	5 32	2 40	4 23	0 43	2 24	1 59	33 28	13 26	22 47	22 34	12 28		n.a.
S 10	22 12	23 1	0 6	22 31	1 22	23 56	0 51	25 7	3 11	18 1	0 28	5 32	2 40	4 23	0 43	2 23	1 59	33 29	13 26	22 47	22 34	12 31		n.a.
M11	22 22	19 38	1n 7	22 54	1 27	24 5	0 52	25 5	3 12	18 5	0 28	5 31	2 40	4 23	0 43	2 23	1 59	33 30	13 26	22 47	22 34	12 34		n.a.
T 12	22 30	15 22	2 14	23 16	1 31	24 14	0 54	25 2	3 13	18 8	0 28	5 31	2 40	4 23	0 43	2 23	1 59	33 30	13 27	22 47	22 35	12 36		n.a.
W13	22 39	10 33	3 12	23 36	1 36	24 22	0 56	24 59	3 15	18 12	0 28	5 30	2 39	4 23	0 43	2 22	1 59	33 31	13 27	22 47	22 35	12 39		n.a.
T 14	22 46	5 27	4 1	23 56	1 39	24 29	0 58	24 56	3 16	18 16	0 27	5 29	2 39	4 23	0 43	2 22	1 59	33 31	13 28	22 47	22 36	12 41		n.a.
F 15	22 54	0 14	4 37	24 14	1 43	24 36	1 0	24 53	3 17	18 19	0 27	5 28	2 39	4 23	0 43	2 22	1 59	33 32	13 28	22 47	22 36	12 44		n.a.
S 16	23 1	4n55	5 1	24 30	1 46	24 42	1 2	24 50	3 18	18 23	0 27	5 28	2 38	4 22	0 43	2 21	1 59	33 33	13 28	22 47	22 37	12 46		n.a.
S 17	23 7	9 51	5 12	24 46	1 50	24 47	1 3	24 47	3 19	18 26	0 27	5 27	2 38	4 22	0 43	2 21	1 59	33 33	13 29	22 47	22 37	12 49		n.a.
M18	23 13	14 26	5 9	24 59	1 52	24 51	1 5	24 44	3 20	18 29	0 27	5 26	2 38	4 22	0 43	2 21	1 59	33 34	13 29	22 48	22 37	12 52		n.a.
T 19	23 19	18 29	4 54	25 12	1 55	24 54	1 7	24 40	3 21	18 33	0 27	5 25	2 37	4 22	0 43	2 21	1 59	33 34	13 29	22 48	22 38	12 54		n.a.
W20	23 24	21 50	4 25	25 22	1 57	24 57	1 8	24 37	3 21	18 36	0 27	5 24	2 37	4 22	0 43	2 20	1 59	33 35	13 30	22 49	22 38	12 57		n.a.
T 21	23 29	24 15	3 43	25 31	1 58	24 59	1 10	24 33	3 22	18 40	0 27	5 23	2 37	4 21	0 43	2 20	1 59	33 36	13 30	22 49	22 39	12 59		n.a.
F 22	23 33	25 33	2 51	25 38	2 0	25 0	1 11	24 30	3 22	18 43	0 27	5 22	2 37	4 21	0 43	2 20	1 59	33 36	13 30	22 50	22 39	13 2		n.a.
S 23	23 36	25 34	1 50	25 44	2 1	25 0	1 13	24 26	3 23	18 46	0 27	5 21	2 36	4 21	0 43	2 20	1 59	33 37	13 31	22 50	22 40	13 4		n.a.
S 24	23 40	24 14	0 42	25 48	2 1	25 0	1 14	24 23	3 23	18 50	0 27	5 20	2 36	4 20	0 43	2 20	2 0	33 37	13 31	22 50	22 40	13 7		n.a.
M25	23 42	21 35	0s30	25 49	2 1	24 58	1 15	24 20	3 23	18 53	0 27	5 18	2 36	4 20	0 43	2 19	2 0	33 38	13 31	22 50	22 40	13 9		n.a.
T 26	23 45	17 46	1 41	25 49	2 0	24 56	1 17	24 16	3 24	18 56	0 27	5 17	2 35	4 20	0 43	2 19	2 0	33 39	13 32	22 50	22 41	13 12		n.a.
W27	23 46	13 1	2 47	25 47	1 59	24 54	1 18	24 13	3 24	18 59	0 27	5 16	2 35	4 19	0 43	2 19	2 0	33 39	13 32	22 50	22 41	13 15		n.a.
T 28	23 48	7 33	3 46	25 43	1 58	24 50	1 19	24 9	3 24	19 2	0 26	5 15	2 35	4 19	0 43	2 19	2 0	33 40	13 32	22 50	22 42	13 17		n.a.
F 29	23 49	1 39	4 32	25 37	1 56	24 46	1 20	24 6	3 24	19 6	0 26	5 13	2 34	4 18	0 43	2 19	2 0	33 40	13 33	22 50	22 42	13 20		n.a.
S 30	23 49	4s24	5 3	25 29	1 53	24 41	1 21	24 3	3 24	19 9	0 26	5 12	2 34	4 18	0 43	2 19	2 0	33 41	13 33	22 50	22 42	13 22		n.a.
S 31	23s49	10s18	5s16	25s18	1s50	24s35	1s22	24n 0	3n24	19s12	0n26	5s10	2s34	4s17	0s43	2n19	2n 0	33n41	13n33	22s50	22s43	13n25		n.a.

Julian Day Number = 1353950.5, Delta T = 07h04m51s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'54, Lahiri = -17°50'54 Julian Calendar 1 Dec. 1007 BCE == Greg. Calendar 21 Nov. 1007 BCE

The year -1006 astronomical counting style corresponds to year 1007 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

JANUARY 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 1 50	1♉45'42	28♎ 0	11♉ 5	13♉49	0°R47	26♏28	23♓ 3	20♓58	28♍48	29°R53	16°R 5	16♉57	22♈ 2	n.a.	M 1
T 2	6 5 47	2°46'30	12♏25	12°52	15° 4	0♊34	26°41	23° 6	21° 0	28°49	29♋51	16♉ 3	16°54	22° 9	n.a.	T 2
W 3	6 9 43	3°47'17	26°52	14°39	16°18	0°23	26°53	23° 9	21° 1	28°49	29°50	16° 2	16°51	22°16	n.a.	W 3
T 4	6 13 40	4°48'02	11♐15	16°26	17°33	0°12	27° 5	23°13	21° 2	28°49	29°48	16° 0	16°48	22°22	n.a.	T 4
F 5	6 17 36	5°48'46	25°28	18°13	18°48	0° 1	27°18	23°16	21° 3	28°49	29°47	15°59	16°45	22°29	n.a.	F 5
S 6	6 21 33	6°49'28	9♉28	19°58	20° 3	29♉52	27°30	23°20	21° 5	28°49	29°46	15°D59	16°41	22°36	n.a.	S 6
S 7	6 25 29	7°50'09	23° 9	21°42	21°18	29°43	27°42	23°23	21° 6	28°49	29°44	15°59	16°38	22°43	n.a.	S 7
M 8	6 29 26	8°50'48	6♒31	23°24	22°33	29°36	27°54	23°27	21° 8	28°50	29°43	15°59	16°35	22°49	n.a.	M 8
T 9	6 33 22	9°51'25	19°31	25° 4	23°48	29°29	28° 6	23°31	21° 9	28°R50	29°41	16° 0	16°32	22°56	n.a.	T 9
W10	6 37 19	10°52'00	2♓12	26°42	25° 3	29°23	28°18	23°35	21°11	28°50	29°40	16° 0	16°29	23° 3	n.a.	W10
T 11	6 41 16	11°52'33	14°35	28°16	26°17	29°17	28°30	23°39	21°12	28°50	29°39	16° 1	16°26	23° 9	n.a.	T 11
F 12	6 45 12	12°53'05	26°43	29°46	27°32	29°13	28°42	23°43	21°14	28°49	29°37	16° 1	16°22	23°16	n.a.	F 12
S 13	6 49 9	13°53'34	8♈42	1♒13	28°47	29° 9	28°54	23°47	21°16	28°49	29°36	16° 1	16°19	23°23	n.a.	S 13
S 14	6 53 5	14°54'01	20°36	2°34	0♒ 2	29° 6	29° 5	23°52	21°18	28°49	29°34	16°R 1	16°16	23°30	n.a.	S 14
M15	6 57 2	15°54'26	2♉28	3°50	1°16	29° 4	29°17	23°56	21°19	28°49	29°33	16°D 1	16°13	23°36	n.a.	M15
T 16	7 0 58	16°54'49	14°25	4°59	2°31	29° 2	29°29	24° 0	21°21	28°49	29°31	16° 1	16°10	23°43	n.a.	T 16
W17	7 4 55	17°55'10	26°30	6° 1	3°46	29°D 2	29°40	24° 5	21°23	28°49	29°30	16° 2	16° 6	23°50	n.a.	W17
T 18	7 8 51	18°55'29	8♊46	6°56	5° 0	29° 2	29°51	24°10	21°25	28°48	29°28	16° 2	16° 3	23°56	n.a.	T 18
F 19	7 12 48	19°55'46	21°18	7°43	6°15	29° 3	0♐ 3	24°14	21°27	28°48	29°26	16° 2	16° 0	24° 3	n.a.	F 19
S 20	7 16 45	20°56'01	4♋ 6	8°21	7°29	29° 4	0°14	24°19	21°29	28°48	29°25	16° 2	15°57	24°10	n.a.	S 20
S 21	7 20 41	21°56'14	17°12	8°50	8°44	29° 7	0°25	24°24	21°31	28°47	29°23	16°R 3	15°54	24°17	n.a.	S 21
M22	7 24 38	22°56'25	0♌34	9° 9	9°58	29°10	0°36	24°29	21°33	28°47	29°22	16° 2	15°51	24°23	n.a.	M22
T 23	7 28 34	23°56'34	14°13	9°19	11°13	29°13	0°47	24°34	21°35	28°46	29°20	16° 2	15°47	24°30	n.a.	T 23
W24	7 32 31	24°56'41	28° 5	9°R19	12°27	29°18	0°57	24°39	21°38	28°46	29°19	16° 1	15°44	24°37	n.a.	W24
T 25	7 36 27	25°56'46	12♍ 7	9°10	13°42	29°23	1° 8	24°45	21°40	28°45	29°17	16° 0	15°41	24°44	n.a.	T 25
F 26	7 40 24	26°56'49	26°16	8°51	14°56	29°28	1°19	24°50	21°42	28°45	29°16	15°58	15°38	24°50	n.a.	F 26
S 27	7 44 20	27°56'51	10♎29	8°24	16°10	29°35	1°29	24°55	21°44	28°44	29°14	15°57	15°35	24°57	n.a.	S 27
S 28	7 48 17	28°56'50	24°42	7°49	17°25	29°42	1°40	25° 1	21°47	28°44	29°13	15°D57	15°32	25° 4	n.a.	S 28
M29	7 52 14	29°56'49	8♏54	7° 7	18°39	29°49	1°50	25° 6	21°49	28°43	29°11	15°57	15°28	25°10	n.a.	M29
T 30	7 56 10	0♒56'45	23° 1	6°19	19°53	29°57	2° 0	25°12	21°52	28°42	29° 9	15°58	15°25	25°17	n.a.	T 30
W31	8 0 7	1♒56'40	7♐ 3	5♒26	21♒ 8	0♊ 6	2♐10	25♓18	21♓54	28♍42	29♋ 8	15♉59	15♉22	25♈24	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	23s48	15s43	5s 9	25s 6	1s46	24s28	1s23	23n57	3n23	19s15	0n26	5s 9	2s34	4s17	0s43	2n19	2n 0	33n42	13n34	22s50	22s43	13n27			n.a.
T 2	23 47	20 17	4 43	24 52	1 41	24 21	1 24	23 54	3 23	19 18	0 26	5 7	2 33	4 16	0 42	2 19	2 0	33 43	13 34	22 50	22 44	13 30			n.a.
W 3	23 46	23 38	3 59	24 35	1 36	24 12	1 25	23 51	3 23	19 21	0 26	5 6	2 33	4 16	0 42	2 19	2 0	33 43	13 34	22 50	22 44	13 32			n.a.
T 4	23 44	25 28	3 1	24 16	1 30	24 3	1 26	23 48	3 23	19 24	0 26	5 4	2 33	4 15	0 42	2 19	2 0	33 44	13 34	22 50	22 44	13 35			n.a.
F 5	23 41	25 35	1 51	23 55	1 23	23 54	1 26	23 46	3 22	19 27	0 26	5 2	2 32	4 15	0 42	2 19	2 0	33 44	13 35	22 50	22 45	13 37			n.a.
S 6	23 38	24 4	0 36	23 33	1 15	23 43	1 27	23 43	3 22	19 29	0 26	5 1	2 32	4 14	0 42	2 19	2 0	33 45	13 35	22 51	22 45	13 40			n.a.
S 7	23 35	21 9	0n40	23 8	1 7	23 32	1 28	23 41	3 21	19 32	0 26	4 59	2 32	4 14	0 42	2 19	2 1	33 45	13 35	22 51	22 46	13 42			n.a.
M 8	23 31	17 9	1 51	22 42	0 58	23 21	1 28	23 39	3 21	19 35	0 26	4 57	2 32	4 13	0 42	2 19	2 1	33 46	13 35	22 50	22 46	13 45			n.a.
T 9	23 27	12 25	2 55	22 14	0 48	23 8	1 29	23 36	3 20	19 38	0 26	4 55	2 31	4 12	0 42	2 19	2 1	33 47	13 36	22 50	22 46	13 47			n.a.
W10	23 22	7 18	3 49	21 45	0 37	22 55	1 29	23 35	3 19	19 41	0 26	4 54	2 31	4 12	0 42	2 19	2 1	33 47	13 36	22 50	22 47	13 49			n.a.
T 11	23 17	2 1	4 31	21 15	0 26	22 41	1 29	23 33	3 19	19 43	0 26	4 52	2 31	4 11	0 42	2 19	2 1	33 48	13 36	22 50	22 47	13 52			n.a.
F 12	23 11	3n15	4 59	20 44	0 13	22 26	1 29	23 31	3 18	19 46	0 26	4 50	2 31	4 10	0 42	2 19	2 1	33 48	13 36	22 50	22 48	13 54			n.a.
S 13	23 5	8 18	5 15	20 12	0 0	22 11	1 30	23 29	3 17	19 49	0 25	4 48	2 30	4 9	0 42	2 19	2 1	33 49	13 36	22 50	22 48	13 57			n.a.
S 14	22 58	13 2	5 16	19 41	0n14	21 55	1 30	23 28	3 17	19 51	0 25	4 46	2 30	4 9	0 42	2 19	2 1	33 49	13 37	22 50	22 48	13 59			n.a.
M15	22 51	17 16	5 4	19 9	0 28	21 39	1 30	23 27	3 16	19 54	0 25	4 44	2 30	4 8	0 42	2 19	2 1	33 50	13 37	22 50	22 49	14 2			n.a.
T 16	22 44	20 51	4 39	18 38	0 43	21 22	1 30	23 26	3 15	19 57	0 25	4 42	2 30	4 7	0 42	2 20	2 1	33 50	13 37	22 50	22 49	14 4			n.a.
W17	22 36	23 35	4 2	18 7	0 58	21 4	1 30	23 25	3 14	19 59	0 25	4 40	2 29	4 6	0 42	2 20	2 1	33 51	13 37	22 50	22 50	14 7			n.a.
T 18	22 27	25 16	3 12	17 38	1 14	20 46	1 30	23 24	3 13	20 2	0 25	4 38	2 29	4 6	0 42	2 20	2 1	33 51	13 37	22 50	22 50	14 9			n.a.
F 19	22 19	25 44	2 13	17 11	1 30	20 27	1 29	23 23	3 13	20 4	0 25	4 36	2 29	4 5	0 42	2 20	2 1	33 52	13 37	22 50	22 50	14 12			n.a.
S 20	22 9	24 51	1 6	16 45	1 46	20 7	1 29	23 23	3 12	20 7	0 25	4 33	2 29	4 4	0 42	2 20	2 1	33 52	13 37	22 50	22 51	14 14			n.a.
S 21	22 0	22 35	0s 6	16 22	2 2	19 47	1 29	23 22	3 11	20 9	0 25	4 31	2 28	4 3	0 42	2 21	2 2	33 53	13 38	22 50	22 51	14 16			n.a.
M22	21 50	19 3	1 20	16 2	2 18	19 26	1 28	23 22	3 10	20 11	0 25	4 29	2 28	4 2	0 42	2 21	2 2	33 53	13 38	22 50	22 52	14 19			n.a.
T 23	21 39	14 26	2 30	15 45	2 33	19 5	1 28	23 22	3 9	20 14	0 25	4 27	2 28	4 1	0 42	2 21	2 2	33 54	13 38	22 50	22 52	14 21			n.a.
W24	21 29	9 1	3 32	15 31	2 47	18 44	1 27	23 22	3 8	20 16	0 25	4 24	2 28	4 0	0 42	2 21	2 2	33 54	13 38	22 50	22 52	14 24			n.a.
T 25	21 17	3 5	4 23	15 20	3 1	18 21	1 27	23 22	3 7	20 18	0 25	4 22	2 27	4 0	0 42	2 22	2 2	33 55	13 38	22 50	22 53	14 26			n.a.
F 26	21 6	3s 2	4 58	15 13	3 13	17 59	1 26	23 23	3 6	20 21	0 25	4 20	2 27	3 59	0 42	2 22	2 2	33 55	13 38	22 51	22 53	14 28			n.a.
S 27	20 54	9 1	5 15	15 10	3 24	17 35	1 25	23 23	3 5	20 23	0 25	4 17	2 27	3 58	0 42	2 22	2 2	33 56	13 38	22 51	22 53	14 31			n.a.
S 28	20 42	14 33	5 13	15 9	3 34	17 12	1 24	23 24	3 4	20 25	0 25	4 15	2 27	3 57	0 42	2 22	2 2	33 56	13 38	22 51	22 54	14 33			n.a.
M29	20 29	19 16	4 51	15 13	3 42	16 48	1 23	23 25	3 3	20 27	0 25	4 13	2 27	3 56	0 42	2 23	2 2	33 56	13 38	22 51	22 54	14 36			n.a.
T 30	20 16	22 53	4 13	15 19	3 47	16 23	1 22	23 25	3 2	20 29	0 25	4 10	2 26	3 55	0 41	2 23	2 2	33 57	13 38	22 51	22 55	14 38			n.a.
W31	20s 2	25s 6	3s19	15s28	3n51	15s58	1s21	23n26	3n 1	20s31	0n24	4s 8	2s26	3s54	0s41	2n23	2n 2	33n57	13n39	22s51	22s55	14n40			n.a.

Julian Day Number = 1353981.5, Delta T = 07h04m49s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'50, Lahiri = -17°50'49 Julian Calendar 1 Jan. 1006 BCE == Greg. Calendar 22 Dec. 1007 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

FEBRUARY 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 3	2♒56'33	20♐56	4°R30	22♒22	0♊16	2♐20	25♓23	21♓56	28°R41	29°R 6	16♉ 0	15♉19	25♈31	n.a.	T 1
F 2	8 8 0	3°56'24	4♉40	3♒32	23°36	0°26	2°30	25°29	21°59	28♍40	29♋ 5	16° 1	15°16	25°37	n.a.	F 2
S 3	8 11 56	4°56'13	18°13	2°33	24°50	0°36	2°40	25°35	22° 2	28°40	29° 3	16°R 1	15°12	25°44	n.a.	S 3
S 4	8 15 53	5°56'00	1♒33	1°34	26° 4	0°47	2°49	25°41	22° 4	28°39	29° 2	16° 1	15° 9	25°51	n.a.	S 4
M 5	8 19 49	6°55'44	14°38	0°37	27°18	0°59	2°59	25°47	22° 7	28°38	29° 0	15°59	15° 6	25°58	n.a.	M 5
T 6	8 23 46	7°55'27	27°28	29♉43	28°33	1°11	3° 8	25°53	22° 9	28°37	28°59	15°56	15° 3	26° 4	n.a.	T 6
W 7	8 27 43	8°55'07	10♓ 3	28°53	29°47	1°24	3°18	25°59	22°12	28°36	28°57	15°53	15° 0	26°11	n.a.	W 7
T 8	8 31 39	9°54'45	22°24	28° 7	1♓ 1	1°37	3°27	26° 6	22°15	28°35	28°55	15°49	14°57	26°18	n.a.	T 8
F 9	8 35 36	10°54'21	4♈33	27°27	2°15	1°51	3°36	26°12	22°18	28°34	28°54	15°45	14°53	26°24	n.a.	F 9
S 10	8 39 32	11°53'54	16°32	26°52	3°28	2° 5	3°45	26°18	22°20	28°33	28°52	15°41	14°50	26°31	n.a.	S 10
S 11	8 43 29	12°53'25	28°25	26°23	4°42	2°20	3°54	26°25	22°23	28°32	28°51	15°39	14°47	26°38	n.a.	S 11
M12	8 47 25	13°52'53	10♉18	26° 0	5°56	2°35	4° 2	26°31	22°26	28°31	28°49	15°D38	14°44	26°45	n.a.	M12
T 13	8 51 22	14°52'19	22°13	25°44	7°10	2°51	4°11	26°38	22°29	28°30	28°48	15°38	14°41	26°51	n.a.	T 13
W14	8 55 18	15°51'43	4♊17	25°33	8°24	3° 7	4°19	26°44	22°32	28°29	28°46	15°40	14°37	26°58	n.a.	W14
T 15	8 59 15	16°51'04	16°34	25°D29	9°37	3°24	4°28	26°51	22°35	28°28	28°45	15°41	14°34	27° 5	n.a.	T 15
F 16	9 3 11	17°50'23	29° 8	25°30	10°51	3°41	4°36	26°58	22°38	28°27	28°43	15°43	14°31	27°11	n.a.	F 16
S 17	9 7 8	18°49'39	12♋ 3	25°37	12° 5	3°58	4°44	27° 4	22°41	28°26	28°42	15°R44	14°28	27°18	n.a.	S 17
S 18	9 11 5	19°48'54	25°20	25°50	13°18	4°16	4°52	27°11	22°44	28°25	28°41	15°43	14°25	27°25	n.a.	S 18
M19	9 15 1	20°48'05	9♌ 1	26° 7	14°32	4°34	4°59	27°18	22°47	28°24	28°39	15°42	14°22	27°32	n.a.	M19
T 20	9 18 58	21°47'15	23° 3	26°30	15°46	4°53	5° 7	27°25	22°50	28°22	28°38	15°38	14°18	27°38	n.a.	T 20
W21	9 22 54	22°46'22	7♍23	26°57	16°59	5°11	5°15	27°32	22°53	28°21	28°36	15°33	14°15	27°45	n.a.	W21
T 22	9 26 51	23°45'27	21°55	27°29	18°12	5°31	5°22	27°39	22°56	28°20	28°35	15°27	14°12	27°52	n.a.	T 22
F 23	9 30 47	24°44'30	6♎32	28° 5	19°26	5°51	5°29	27°46	22°59	28°19	28°34	15°21	14° 9	27°58	n.a.	F 23
S 24	9 34 44	25°43'31	21° 7	28°45	20°39	6°11	5°36	27°53	23° 2	28°17	28°32	15°16	14° 6	28° 5	n.a.	S 24
S 25	9 38 40	26°42'30	5♏35	29°28	21°52	6°31	5°43	28° 0	23° 5	28°16	28°31	15°13	14° 3	28°12	n.a.	S 25
M26	9 42 37	27°41'28	19°52	0♒16	23° 6	6°52	5°50	28° 7	23° 8	28°15	28°30	15°11	13°59	28°19	n.a.	M26
T 27	9 46 33	28°40'23	3♐54	1° 6	24°19	7°13	5°56	28°14	23°11	28°13	28°28	15°D11	13°56	28°25	n.a.	T 27
W28	9 50 30	29♒39'17	17♐43	2♒ 0	25♓32	7♊34	6♐ 3	28♓21	23♓15	28♍12	28♋27	15♉12	13♉53	28♈32	n.a.	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	19s48	25s44	2s14	15s40	3n53	15s32	1s20	23n27	3n 0	20s33	0n24	4s 5	2s26	3s53	0s41	2n24	2n 2	33n58	13n39	22s50	22s55	14n43		n.a.
F 2	19 34	24 46	1 2	15 54	3 53	15 6	1 19	23 29	2 59	20 35	0 24	4 3	2 26	3 52	0 41	2 24	2 2	33 58	13 39	22 50	22 56	14 45		n.a.
S 3	19 20	22 21	0n12	16 10	3 51	14 40	1 18	23 30	2 58	20 37	0 24	4 0	2 25	3 51	0 41	2 24	2 2	33 59	13 39	22 50	22 56	14 48		n.a.
S 4	19 5	18 45	1 25	16 27	3 46	14 14	1 17	23 31	2 57	20 39	0 24	3 57	2 25	3 49	0 41	2 25	2 2	33 59	13 39	22 50	22 56	14 50		n.a.
M 5	18 50	14 18	2 31	16 45	3 40	13 47	1 15	23 33	2 56	20 41	0 24	3 55	2 25	3 48	0 41	2 25	2 2	33 59	13 39	22 51	22 57	14 52		n.a.
T 6	18 34	9 17	3 29	17 4	3 32	13 19	1 14	23 34	2 55	20 43	0 24	3 52	2 25	3 47	0 41	2 26	2 3	34 0	13 39	22 51	22 57	14 55		n.a.
W 7	18 19	4 0	4 15	17 24	3 23	12 51	1 13	23 36	2 54	20 45	0 24	3 49	2 25	3 46	0 41	2 26	2 3	34 0	13 39	22 51	22 57	14 57		n.a.
T 8	18 3	1n20	4 48	17 43	3 12	12 23	1 11	23 38	2 53	20 47	0 24	3 47	2 24	3 45	0 41	2 26	2 3	34 0	13 39	22 52	22 58	14 59		n.a.
F 9	17 46	6 31	5 8	18 3	3 1	11 55	1 9	23 40	2 52	20 49	0 24	3 44	2 24	3 44	0 41	2 27	2 3	34 1	13 39	22 52	22 58	15 2		n.a.
S 10	17 29	11 24	5 13	18 22	2 48	11 26	1 8	23 42	2 51	20 50	0 24	3 41	2 24	3 43	0 41	2 27	2 3	34 1	13 39	22 53	22 59	15 4		n.a.
S 11	17 12	15 50	5 6	18 40	2 35	10 57	1 6	23 44	2 50	20 52	0 24	3 39	2 24	3 42	0 41	2 28	2 3	34 1	13 39	22 53	22 59	15 6		n.a.
M12	16 55	19 38	4 45	18 58	2 21	10 28	1 4	23 46	2 49	20 54	0 24	3 36	2 24	3 41	0 41	2 28	2 3	34 2	13 39	22 53	22 59	15 9		n.a.
T 13	16 38	22 40	4 12	19 15	2 7	9 59	1 2	23 48	2 48	20 56	0 24	3 33	2 24	3 39	0 41	2 29	2 3	34 2	13 39	22 53	23 0	15 11		n.a.
W14	16 20	24 44	3 27	19 31	1 53	9 29	1 1	23 50	2 47	20 57	0 24	3 30	2 23	3 38	0 41	2 29	2 3	34 2	13 39	22 53	23 0	15 13		n.a.
T 15	16 2	25 39	2 33	19 46	1 39	8 59	0 59	23 53	2 46	20 59	0 24	3 27	2 23	3 37	0 41	2 30	2 3	34 3	13 38	22 53	23 0	15 16		n.a.
F 16	15 44	25 18	1 30	19 59	1 25	8 29	0 57	23 55	2 45	21 0	0 24	3 25	2 23	3 36	0 41	2 30	2 3	34 3	13 38	22 52	23 1	15 18		n.a.
S 17	15 25	23 36	0 20	20 12	1 11	7 59	0 55	23 57	2 44	21 2	0 24	3 22	2 23	3 35	0 41	2 31	2 3	34 3	13 38	22 52	23 1	15 20		n.a.
S 18	15 6	20 33	0s52	20 23	0 57	7 28	0 52	24 0	2 43	21 3	0 23	3 19	2 23	3 33	0 41	2 31	2 3	34 3	13 38	22 52	23 1	15 23		n.a.
M19	14 47	16 18	2 4	20 33	0 43	6 57	0 50	24 2	2 42	21 5	0 23	3 16	2 23	3 32	0 41	2 32	2 3	34 4	13 38	22 53	23 2	15 25		n.a.
T 20	14 28	11 4	3 9	20 42	0 30	6 26	0 48	24 5	2 41	21 6	0 23	3 13	2 22	3 31	0 41	2 32	2 3	34 4	13 38	22 53	23 2	15 27		n.a.
W21	14 8	5 10	4 4	20 49	0 17	5 55	0 46	24 8	2 40	21 8	0 23	3 10	2 22	3 30	0 41	2 33	2 3	34 4	13 38	22 54	23 2	15 30		n.a.
T 22	13 49	1s 5	4 44	20 55	0 4	5 24	0 44	24 10	2 39	21 9	0 23	3 7	2 22	3 28	0 41	2 33	2 3	34 4	13 38	22 54	23 3	15 32		n.a.
F 23	13 29	7 18	5 6	21 0	0s 8	4 53	0 41	24 13	2 38	21 10	0 23	3 4	2 22	3 27	0 41	2 34	2 3	34 4	13 38	22 55	23 3	15 34		n.a.
S 24	13 9	13 6	5 8	21 3	0 19	4 21	0 39	24 15	2 37	21 12	0 23	3 1	2 22	3 26	0 41	2 34	2 3	34 5	13 38	22 56	23 3	15 36		n.a.
S 25	12 48	18 8	4 50	21 5	0 30	3 50	0 36	24 18	2 36	21 13	0 23	2 58	2 22	3 25	0 41	2 35	2 3	34 5	13 38	22 56	23 4	15 39		n.a.
M26	12 28	22 4	4 15	21 5	0 41	3 18	0 34	24 21	2 35	21 14	0 23	2 55	2 22	3 23	0 41	2 36	2 4	34 5	13 37	22 56	23 4	15 41		n.a.
T 27	12 7	24 37	3 25	21 4	0 51	2 46	0 31	24 23	2 34	21 16	0 23	2 52	2 21	3 22	0 41	2 36	2 4	34 5	13 37	22 56	23 4	15 43		n.a.
W28	11s46	25s37	2s23	21s 1	1s 1	2s15	0s29	24n26	2n33	21s17	0n23	2s49	2s21	3s21	0s41	2n37	2n 4	34n 5	13n37	22s56	23s 5	15n45		n.a.

Julian Day Number = 1354012.5, Delta T = 07h04m48s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'46, Lahiri = -17°50'45 Julian Calendar 1 Feb. 1006 BCE == Greg. Calendar 22 Jan. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

MARCH 1006 BCE (-1005) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 54 27	0♓38'09	1♉17	2♒57	26♓45	7♊56	6♐ 9	28♓29	23♓18	28°R11	28°R26	15♉13	13♉50	28♈39	n.a.	T 1
F 2	9 58 23	1°36'59	14°37	3°56	27°58	8°18	6°15	28°36	23°21	28♍ 9	28♋24	15°R14	13°47	28°46	n.a.	F 2
S 3	10 2 20	2°35'47	27°46	4°59	29°11	8°40	6°21	28°43	23°24	28° 8	28°23	15°13	13°43	28°52	n.a.	S 3
S 4	10 6 16	3°34'33	10♒42	6° 3	0♈24	9° 3	6°27	28°51	23°28	28° 6	28°22	15°10	13°40	28°59	n.a.	S 4
M 5	10 10 13	4°33'17	23°27	7°11	1°37	9°26	6°33	28°58	23°31	28° 5	28°21	15° 5	13°37	29° 6	n.a.	M 5
T 6	10 14 9	5°31'59	6♓ 1	8°21	2°50	9°49	6°38	29° 5	23°34	28° 3	28°19	14°57	13°34	29°12	n.a.	T 6
W 7	10 18 6	6°30'39	18°24	9°33	4° 3	10°13	6°44	29°13	23°38	28° 2	28°18	14°48	13°31	29°19	n.a.	W 7
T 8	10 22 2	7°29'17	0♈37	10°47	5°16	10°37	6°49	29°20	23°41	28° 0	28°17	14°38	13°28	29°26	n.a.	T 8
F 9	10 25 59	8°27'52	12°41	12° 4	6°29	11° 1	6°54	29°28	23°44	27°59	28°16	14°28	13°24	29°33	n.a.	F 9
S 10	10 29 56	9°26'26	24°38	13°22	7°41	11°25	6°59	29°35	23°48	27°57	28°15	14°19	13°21	29°39	n.a.	S 10
S 11	10 33 52	10°24'57	6♉30	14°43	8°54	11°50	7° 4	29°43	23°51	27°56	28°14	14°12	13°18	29°46	n.a.	S 11
M12	10 37 49	11°23'26	18°21	16° 5	10° 7	12°14	7° 8	29°50	23°54	27°54	28°13	14° 7	13°15	29°53	n.a.	M12
T 13	10 41 45	12°21'53	0♊15	17°29	11°19	12°39	7°12	29°58	23°58	27°53	28°12	14° 4	13°12	29°59	n.a.	T 13
W14	10 45 42	13°20'17	12°16	18°56	12°32	13° 5	7°17	0♈ 6	24° 1	27°51	28°11	14°D 3	13° 9	0♉ 6	n.a.	W14
T 15	10 49 38	14°18'39	24°30	20°24	13°44	13°30	7°21	0°13	24° 4	27°50	28°10	14° 3	13° 5	0°13	n.a.	T 15
F 16	10 53 35	15°17'00	7♋ 2	21°54	14°56	13°56	7°25	0°21	24° 8	27°48	28° 9	14° 4	13° 2	0°20	n.a.	F 16
S 17	10 57 31	16°15'17	19°56	23°26	16° 9	14°22	7°28	0°29	24°11	27°47	28° 8	14°R 4	12°59	0°26	n.a.	S 17
S 18	11 1 28	17°13'33	3♌17	24°59	17°21	14°49	7°32	0°36	24°15	27°45	28° 7	14° 3	12°56	0°33	n.a.	S 18
M19	11 5 24	18°11'46	17° 5	26°35	18°33	15°15	7°35	0°44	24°18	27°43	28° 6	13°59	12°53	0°40	n.a.	M19
T 20	11 9 21	19° 9'58	1♍20	28°12	19°45	15°42	7°38	0°52	24°21	27°42	28° 5	13°52	12°49	0°46	n.a.	T 20
W21	11 13 18	20° 8'07	15°59	29°51	20°57	16° 9	7°41	1° 0	24°25	27°40	28° 4	13°44	12°46	0°53	n.a.	W21
T 22	11 17 14	21° 6'14	0♎54	1♓31	22° 9	16°36	7°44	1° 7	24°28	27°38	28° 3	13°34	12°43	1° 0	n.a.	T 22
F 23	11 21 11	22° 4'20	15°56	3°14	23°21	17° 3	7°46	1°15	24°32	27°37	28° 3	13°24	12°40	1° 7	n.a.	F 23
S 24	11 25 7	23° 2'24	0♏55	4°58	24°33	17°30	7°49	1°23	24°35	27°35	28° 2	13°15	12°37	1°13	n.a.	S 24
S 25	11 29 4	24° 0'26	15°44	6°44	25°45	17°58	7°51	1°31	24°39	27°34	28° 1	13° 9	12°34	1°20	n.a.	S 25
M26	11 33 0	24°58'27	0♐15	8°32	26°57	18°26	7°53	1°39	24°42	27°32	28° 0	13° 4	12°30	1°27	n.a.	M26
T 27	11 36 57	25°56'27	14°25	10°21	28° 8	18°54	7°55	1°47	24°46	27°30	28° 0	13° 2	12°27	1°33	n.a.	T 27
W28	11 40 53	26°54'25	28°12	12°12	29°20	19°22	7°57	1°54	24°49	27°29	27°59	13°D 2	12°24	1°40	n.a.	W28
T 29	11 44 50	27°52'21	11♑39	14° 6	0♉31	19°51	7°58	2° 2	24°52	27°27	27°58	13°R 2	12°21	1°47	n.a.	T 29
F 30	11 48 47	28°50'16	24°47	16° 1	1°43	20°19	7°59	2°10	24°56	27°26	27°58	13° 1	12°18	1°54	n.a.	F 30
S 31	11 52 43	29♓48'10	7♒39	17♓57	2♉54	20♊48	8♐ 1	2♈18	24♓59	27♍24	27♋57	12♑59	12♑15	2♉ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	11s25	25s 3	1s15	20s57	1s10	1s43	0s26	24n29	2n32	21s18	0n23	2s46	2s21	3s19	0s41	2n37	2n 4	34n 5	13n37	22s56	23s 5	15n48			n.a.
F 2	11 4	23 3	0 3	20 51	1 19	1 11	0 24	24 32	2 32	21 19	0 23	2 43	2 21	3 18	0 41	2 38	2 4	34 6	13 37	22 56	23 5	15 50			n.a.
S 3	10 43	19 50	1n 7	20 44	1 27	0 39	0 21	24 34	2 31	21 20	0 23	2 40	2 21	3 17	0 41	2 39	2 4	34 6	13 37	22 56	23 6	15 52			n.a.
S 4	10 21	15 42	2 13	20 35	1 35	0 7	0 18	24 37	2 30	21 21	0 23	2 37	2 21	3 15	0 41	2 39	2 4	34 6	13 36	22 56	23 6	15 54			n.a.
M 5	9 59	10 55	3 11	20 24	1 42	0n25	0 16	24 40	2 29	21 22	0 23	2 34	2 21	3 14	0 41	2 40	2 4	34 6	13 36	22 57	23 6	15 57			n.a.
T 6	9 38	5 46	3 58	20 12	1 48	0 57	0 13	24 42	2 28	21 23	0 23	2 31	2 21	3 13	0 41	2 40	2 4	34 6	13 36	22 58	23 7	15 59			n.a.
W 7	9 16	0 28	4 34	19 59	1 55	1 29	0 10	24 45	2 27	21 24	0 23	2 28	2 21	3 11	0 41	2 41	2 4	34 6	13 36	22 59	23 7	16 1			n.a.
T 8	8 54	4n46	4 56	19 44	2 0	2 1	0 7	24 48	2 26	21 25	0 23	2 25	2 20	3 10	0 41	2 42	2 4	34 6	13 36	23 0	23 7	16 3			n.a.
F 9	8 31	9 45	5 5	19 27	2 5	2 33	0 4	24 50	2 25	21 26	0 22	2 21	2 20	3 9	0 41	2 42	2 4	34 6	13 36	23 1	23 8	16 6			n.a.
S 10	8 9	14 20	5 0	19 8	2 10	3 4	0 1	24 53	2 24	21 27	0 22	2 18	2 20	3 7	0 41	2 43	2 4	34 6	13 35	23 2	23 8	16 8			n.a.
S 11	7 47	18 20	4 43	18 48	2 14	3 36	0n 1	24 55	2 23	21 28	0 22	2 15	2 20	3 6	0 41	2 44	2 4	34 6	13 35	23 3	23 8	16 10			n.a.
M12	7 24	21 36	4 13	18 27	2 17	4 8	0 4	24 58	2 22	21 29	0 22	2 12	2 20	3 5	0 41	2 44	2 4	34 6	13 35	23 3	23 9	16 12			n.a.
T 13	7 2	23 58	3 32	18 3	2 20	4 39	0 7	25 1	2 21	21 29	0 22	2 9	2 20	3 3	0 41	2 45	2 4	34 6	13 35	23 4	23 9	16 14			n.a.
W14	6 39	25 17	2 41	17 38	2 23	5 11	0 10	25 3	2 21	21 30	0 22	2 6	2 20	3 2	0 41	2 45	2 4	34 6	13 34	23 4	23 9	16 17			n.a.
T 15	6 16	25 25	1 43	17 12	2 25	5 42	0 13	25 5	2 20	21 31	0 22	2 3	2 20	3 0	0 41	2 46	2 4	34 6	13 34	23 4	23 10	16 19			n.a.
F 16	5 53	24 15	0 38	16 43	2 26	6 13	0 16	25 8	2 19	21 32	0 22	1 59	2 20	2 59	0 41	2 47	2 4	34 6	13 34	23 4	23 10	16 21			n.a.
S 17	5 30	21 48	0s31	16 14	2 27	6 44	0 19	25 10	2 18	21 32	0 22	1 56	2 20	2 58	0 41	2 47	2 4	34 6	13 34	23 4	23 10	16 23			n.a.
S 18	5 7	18 6	1 41	15 42	2 27	7 15	0 22	25 12	2 17	21 33	0 22	1 53	2 20	2 56	0 41	2 48	2 4	34 6	13 33	23 4	23 11	16 25			n.a.
M19	4 44	13 19	2 46	15 9	2 27	7 46	0 25	25 14	2 16	21 34	0 22	1 50	2 20	2 55	0 41	2 49	2 4	34 6	13 33	23 4	23 11	16 28			n.a.
T 20	4 21	7 41	3 44	14 34	2 26	8 17	0 28	25 17	2 15	21 34	0 22	1 47	2 20	2 54	0 41	2 49	2 4	34 6	13 33	23 5	23 11	16 30			n.a.
W21	3 58	1 30	4 28	13 57	2 25	8 47	0 31	25 19	2 15	21 35	0 22	1 43	2 19	2 52	0 41	2 50	2 4	34 6	13 33	23 6	23 12	16 32			n.a.
T 22	3 35	4s51	4 55	13 19	2 23	9 17	0 34	25 21	2 14	21 35	0 22	1 40	2 19	2 51	0 41	2 51	2 4	34 6	13 32	23 7	23 12	16 34			n.a.
F 23	3 12	10 59	5 2	12 39	2 20	9 47	0 37	25 23	2 13	21 36	0 22	1 37	2 19	2 49	0 40	2 51	2 4	34 6	13 32	23 8	23 12	16 36			n.a.
S 24	2 48	16 28	4 48	11 58	2 17	10 17	0 40	25 24	2 12	21 36	0 22	1 34	2 19	2 48	0 40	2 52	2 4	34 6	13 32	23 9	23 12	16 38			n.a.
S 25	2 25	20 52	4 15	11 15	2 14	10 46	0 43	25 26	2 11	21 37	0 21	1 31	2 19	2 47	0 40	2 53	2 4	34 6	13 32	23 9	23 13	16 40			n.a.
M26	2 2	23 53	3 26	10 30	2 10	11 15	0 46	25 28	2 10	21 37	0 21	1 28	2 19	2 45	0 40	2 53	2 4	34 6	13 31	23 10	23 13	16 43			n.a.
T 27	1 38	25 18	2 26	9 44	2 5	11 44	0 49	25 30	2 9	21 37	0 21	1 24	2 19	2 44	0 40	2 54	2 4	34 5	13 31	23 10	23 13	16 45			n.a.
W28	1 15	25 6	1 18	8 56	2 0	12 13	0 52	25 31	2 9	21 38	0 21	1 21	2 19	2 43	0 40	2 55	2 4	34 5	13 31	23 10	23 14	16 47			n.a.
T 29	0 52	23 25	0 7	8 6	1 54	12 42	0 55	25 33	2 8	21 38	0 21	1 18	2 19	2 41	0 40	2 55	2 4	34 5	13 31	23 10	23 14	16 49			n.a.
F 30	0 28	20 30	1n 2	7 15	1 48	13 10	0 58	25 34	2 7	21 38	0 21	1 15	2 19	2 40	0 40	2 56	2 4	34 5	13 30	23 10	23 14	16 51			n.a.
S 31	0s 5	16s37	2n 6	6s23	1s41	13n37	1n 1	25n35	2n 6	21s39	0n21	1s12	2s19	2s38	0s40	2n57	2n 4	34n 5	13n30	23s10	23s15	16n53			n.a.

Julian Day Number = 1354040.5, Delta T = 07h04m46s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'42, Lahiri = -17°50'41 Julian Calendar 1 March 1006 BCE == Greg. Calendar 19 Feb. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

APRIL 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 56 40	0♈46'02	20♒18	19♓56	4♉ 6	21♊17	8♐ 2	2♈26	25♓ 3	27°R22	27°R57	12°R54	12♑11	2♉ 7	n.a.	S 1
M 2	12 0 36	1°43'53	2♓46	21°56	5°17	21°46	8° 2	2°34	25° 6	27♍21	27♋56	12♑47	12° 8	2°14	n.a.	M 2
T 3	12 4 33	2°41'42	15° 5	23°58	6°28	22°15	8° 3	2°42	25°10	27°19	27°56	12°37	12° 5	2°20	n.a.	T 3
W 4	12 8 29	3°39'30	27°15	26° 1	7°39	22°45	8° 3	2°49	25°13	27°17	27°55	12°24	12° 2	2°27	n.a.	W 4
T 5	12 12 26	4°37'16	9♈19	28° 6	8°50	23°14	8°R 3	2°57	25°16	27°16	27°55	12°10	11°59	2°34	n.a.	T 5
F 6	12 16 22	5°35'01	21°17	0♈12	10° 1	23°44	8° 3	3° 5	25°20	27°14	27°54	11°57	11°55	2°41	n.a.	F 6
S 7	12 20 19	6°32'44	3♉10	2°20	11°12	24°14	8° 3	3°13	25°23	27°13	27°54	11°44	11°52	2°47	n.a.	S 7
S 8	12 24 15	7°30'25	15° 0	4°28	12°23	24°44	8° 3	3°21	25°26	27°11	27°54	11°33	11°49	2°54	n.a.	S 8
M 9	12 28 12	8°28'05	26°51	6°38	13°34	25°14	8° 2	3°29	25°30	27° 9	27°53	11°25	11°46	3° 1	n.a.	M 9
T 10	12 32 9	9°25'44	8♊44	8°48	14°45	25°44	8° 1	3°37	25°33	27° 8	27°53	11°20	11°43	3° 7	n.a.	T 10
W11	12 36 5	10°23'20	20°44	10°59	15°55	26°15	8° 0	3°44	25°37	27° 6	27°53	11°17	11°40	3°14	n.a.	W11
T 12	12 40 2	11°20'55	2♋56	13°10	17° 6	26°46	7°59	3°52	25°40	27° 5	27°53	11°16	11°36	3°21	n.a.	T 12
F 13	12 43 58	12°18'29	15°25	15°21	18°16	27°16	7°58	4° 0	25°43	27° 3	27°52	11°16	11°33	3°28	n.a.	F 13
S 14	12 47 55	13°16'01	28°15	17°32	19°27	27°47	7°56	4° 8	25°47	27° 1	27°52	11°16	11°30	3°34	n.a.	S 14
S 15	12 51 51	14°13'31	11♌32	19°42	20°37	28°18	7°55	4°16	25°50	27° 0	27°52	11°14	11°27	3°41	n.a.	S 15
M16	12 55 48	15°11'00	25°18	21°51	21°47	28°49	7°53	4°23	25°53	26°58	27°52	11°10	11°24	3°48	n.a.	M16
T 17	12 59 44	16° 8'27	9♍33	23°59	22°57	29°21	7°51	4°31	25°56	26°57	27°52	11° 3	11°20	3°54	n.a.	T 17
W18	13 3 41	17° 5'52	24°16	26° 6	24° 7	29°52	7°48	4°39	26° 0	26°55	27°52	10°54	11°17	4° 1	n.a.	W18
T 19	13 7 38	18° 3'17	9♎20	28°11	25°17	0♋24	7°46	4°47	26° 3	26°54	27°D52	10°44	11°14	4° 8	n.a.	T 19
F 20	13 11 34	19° 0'40	24°36	0♉14	26°27	0°55	7°43	4°54	26° 6	26°52	27°52	10°33	11°11	4°15	n.a.	F 20
S 21	13 15 31	19°58'02	9♏52	2°16	27°37	1°27	7°41	5° 2	26° 9	26°51	27°52	10°24	11° 8	4°21	n.a.	S 21
S 22	13 19 27	20°55'23	24°58	4°15	28°46	1°59	7°38	5°10	26°13	26°49	27°52	10°16	11° 5	4°28	n.a.	S 22
M23	13 23 24	21°52'44	9♐44	6°12	29°56	2°31	7°34	5°17	26°16	26°48	27°52	10°11	11° 1	4°35	n.a.	M23
T 24	13 27 20	22°50'04	24° 6	8° 6	1♊ 5	3° 3	7°31	5°25	26°19	26°47	27°52	10° 8	10°58	4°41	n.a.	T 24
W25	13 31 17	23°47'23	8♑ 2	9°58	2°15	3°35	7°28	5°33	26°22	26°45	27°52	10°D 7	10°55	4°48	n.a.	W25
T 26	13 35 13	24°44'41	21°31	11°48	3°24	4° 8	7°24	5°40	26°25	26°44	27°53	10°R 8	10°52	4°55	n.a.	T 26
F 27	13 39 10	25°41'58	4♒38	13°34	4°33	4°40	7°20	5°48	26°28	26°42	27°53	10° 7	10°49	5° 2	n.a.	F 27
S 28	13 43 7	26°39'15	17°24	15°19	5°42	5°13	7°16	5°55	26°31	26°41	27°53	10° 6	10°46	5° 8	n.a.	S 28
S 29	13 47 3	27°36'31	29°54	17° 0	6°51	5°45	7°12	6° 3	26°35	26°40	27°53	10° 2	10°42	5°15	n.a.	S 29
M30	13 51 0	28♈33'47	12♓12	18♉39	8♊ 0	6♋18	7♐ 7	6♈10	26♓38	26♍38	27♋54	9♑55	10♑39	5♉22	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n19	12s 3	3n 3	5s29	1s34	14n 5	1n 4	25n37	2n 5	21s39	0n21	1s 8	2s19	2s37	0s40	2n57	2n 4	34n 5	13n30	23s11	23s15	16n55		n.a.
M 2	0 42	7 4	3 51	4 34	1 26	14 32	1 7	25 38	2 5	21 39	0 21	1 5	2 19	2 36	0 40	2 58	2 4	34 5	13 29	23 11	23 15	16 57		n.a.
T 3	1 5	1 53	4 26	3 38	1 18	14 59	1 10	25 39	2 4	21 39	0 21	1 2	2 19	2 34	0 40	2 59	2 4	34 4	13 29	23 12	23 15	17 0		n.a.
W 4	1 29	3n18	4 50	2 40	1 9	15 25	1 12	25 40	2 3	21 39	0 21	0 59	2 19	2 33	0 40	2 59	2 4	34 4	13 29	23 14	23 16	17 2		n.a.
T 5	1 52	8 19	4 59	1 41	1 0	15 51	1 15	25 40	2 2	21 39	0 21	0 56	2 19	2 31	0 40	3 0	2 4	34 4	13 28	23 15	23 16	17 4		n.a.
F 6	2 15	12 59	4 56	0 42	0 51	16 17	1 18	25 41	2 1	21 39	0 21	0 52	2 19	2 30	0 40	3 1	2 4	34 4	13 28	23 16	23 16	17 6		n.a.
S 7	2 38	17 7	4 39	0n19	0 41	16 42	1 21	25 42	2 1	21 39	0 20	0 49	2 19	2 29	0 40	3 1	2 4	34 4	13 28	23 17	23 17	17 8		n.a.
S 8	3 1	20 35	4 11	1 20	0 31	17 7	1 24	25 42	2 0	21 40	0 20	0 46	2 19	2 27	0 40	3 2	2 4	34 3	13 27	23 18	23 17	17 10		n.a.
M 9	3 25	23 11	3 32	2 21	0 21	17 32	1 26	25 43	1 59	21 39	0 20	0 43	2 19	2 26	0 40	3 3	2 4	34 3	13 27	23 19	23 17	17 12		n.a.
T 10	3 48	24 47	2 43	3 23	0 10	17 56	1 29	25 43	1 58	21 39	0 20	0 40	2 19	2 25	0 40	3 3	2 4	34 3	13 27	23 19	23 17	17 14		n.a.
W11	4 11	25 15	1 46	4 25	0n 0	18 19	1 32	25 43	1 58	21 39	0 20	0 37	2 19	2 23	0 40	3 4	2 4	34 3	13 26	23 20	23 18	17 16		n.a.
T 12	4 33	24 31	0 44	5 26	0 11	18 42	1 34	25 43	1 57	21 39	0 20	0 34	2 19	2 22	0 40	3 4	2 4	34 2	13 26	23 20	23 18	17 18		n.a.
F 13	4 56	22 33	0s22	6 28	0 21	19 5	1 37	25 43	1 56	21 39	0 20	0 30	2 19	2 21	0 40	3 5	2 4	34 2	13 26	23 20	23 18	17 20		n.a.
S 14	5 19	19 23	1 29	7 28	0 32	19 27	1 39	25 43	1 55	21 39	0 20	0 27	2 19	2 19	0 40	3 6	2 4	34 2	13 25	23 20	23 19	17 22		n.a.
S 15	5 42	15 9	2 33	8 28	0 42	19 49	1 41	25 43	1 54	21 39	0 20	0 24	2 19	2 18	0 41	3 6	2 4	34 1	13 25	23 20	23 19	17 24		n.a.
M16	6 4	10 0	3 30	9 27	0 52	20 10	1 44	25 42	1 54	21 39	0 20	0 21	2 19	2 17	0 41	3 7	2 4	34 1	13 25	23 20	23 19	17 26		n.a.
T 17	6 27	4 9	4 17	10 24	1 2	20 31	1 46	25 42	1 53	21 38	0 20	0 18	2 19	2 15	0 41	3 7	2 4	34 1	13 24	23 21	23 19	17 29		n.a.
W18	6 49	2s 5	4 48	11 20	1 11	20 51	1 48	25 41	1 52	21 38	0 20	0 15	2 19	2 14	0 41	3 8	2 4	34 0	13 24	23 22	23 20	17 31		n.a.
T 19	7 11	8 21	5 0	12 14	1 20	21 10	1 51	25 40	1 51	21 38	0 19	0 12	2 19	2 13	0 41	3 9	2 4	34 0	13 24	23 22	23 20	17 33		n.a.
F 20	7 33	14 11	4 52	13 6	1 28	21 30	1 53	25 39	1 51	21 37	0 19	0 9	2 19	2 11	0 41	3 9	2 4	34 0	13 23	23 23	23 20	17 35		n.a.
S 21	7 56	19 8	4 22	13 57	1 36	21 48	1 55	25 38	1 50	21 37	0 19	0 6	2 19	2 10	0 41	3 10	2 4	33 59	13 23	23 24	23 20	17 37		n.a.
S 22	8 17	22 46	3 35	14 45	1 43	22 6	1 57	25 37	1 49	21 37	0 19	0 3	2 19	2 9	0 41	3 10	2 4	33 59	13 23	23 25	23 21	17 39		n.a.
M23	8 39	24 47	2 33	15 31	1 50	22 23	1 59	25 36	1 48	21 36	0 19	0n 0	2 19	2 8	0 41	3 11	2 4	33 59	13 22	23 25	23 21	17 41		n.a.
T 24	9 1	25 5	1 24	16 15	1 56	22 40	2 1	25 34	1 48	21 36	0 19	0 3	2 19	2 6	0 41	3 11	2 4	33 58	13 22	23 25	23 21	17 43		n.a.
W25	9 22	23 45	0 11	16 57	2 1	22 56	2 3	25 33	1 47	21 35	0 19	0 6	2 20	2 5	0 41	3 12	2 4	33 58	13 22	23 25	23 22	17 45		n.a.
T 26	9 44	21 5	1n 0	17 36	2 6	23 12	2 4	25 31	1 46	21 35	0 19	0 9	2 20	2 4	0 41	3 13	2 4	33 58	13 21	23 25	23 22	17 47		n.a.
F 27	10 5	17 22	2 6	18 13	2 10	23 27	2 6	25 29	1 46	21 34	0 19	0 12	2 20	2 3	0 41	3 13	2 4	33 57	13 21	23 25	23 22	17 49		n.a.
S 28	10 26	12 57	3 4	18 48	2 13	23 41	2 8	25 27	1 45	21 34	0 19	0 15	2 20	2 1	0 41	3 14	2 4	33 57	13 21	23 25	23 22	17 51		n.a.
S 29	10 47	8 4	3 52	19 20	2 15	23 55	2 9	25 25	1 44	21 33	0 18	0 18	2 20	2 0	0 41	3 14	2 4	33 57	13 20	23 26	23 23	17 53		n.a.
M30	11n 8	2s59	4n28	19n50	2n17	24n 8	2n11	25n23	1n43	21s32	0n18	0n21	2s20	1s59	0s41	3n15	2n 4	33n56	13n20	23s26	23s23	17n55		n.a.

Julian Day Number = 1354071.5, Delta T = 07h04m45s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'38, Lahiri = -17°50'37 Julian Calendar 1 Apr. 1006 BCE == Greg. Calendar 22 March 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

MAY 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 54 56	29♈31'02	24♓20	20♉15	9♊ 9	6♋51	7°R 3	6♈18	26♓41	26°R37	27♋54	9°R46	10♑36	5♉28	n.a.	T 1
W 2	13 58 53	0♉28'16	6♈21	21°48	10°17	7°24	6♐58	6°25	26°44	26♍36	27°54	9♑35	10°33	5°35	n.a.	W 2
T 3	14 2 49	1°25'30	18°17	23°18	11°26	7°57	6°53	6°33	26°47	26°34	27°55	9°23	10°30	5°42	n.a.	T 3
F 4	14 6 46	2°22'43	0♉10	24°46	12°34	8°30	6°49	6°40	26°49	26°33	27°55	9°10	10°26	5°49	n.a.	F 4
S 5	14 10 42	3°19'55	12° 1	26°11	13°43	9° 4	6°43	6°47	26°52	26°32	27°56	8°59	10°23	5°55	n.a.	S 5
S 6	14 14 39	4°17'07	23°51	27°32	14°51	9°37	6°38	6°55	26°55	26°31	27°56	8°49	10°20	6° 2	n.a.	S 6
M 7	14 18 36	5°14'18	5♊44	28°51	15°59	10°10	6°33	7° 2	26°58	26°30	27°57	8°42	10°17	6° 9	n.a.	M 7
T 8	14 22 32	6°11'28	17°40	0♊ 7	17° 7	10°44	6°27	7° 9	27° 1	26°28	27°57	8°37	10°14	6°15	n.a.	T 8
W 9	14 26 29	7° 8'38	29°44	1°20	18°14	11°18	6°21	7°16	27° 4	26°27	27°58	8°35	10°11	6°22	n.a.	W 9
T 10	14 30 25	8° 5'47	11♋58	2°30	19°22	11°52	6°16	7°24	27° 7	26°26	27°59	8°D35	10° 7	6°29	n.a.	T 10
F 11	14 34 22	9° 2'55	24°27	3°36	20°30	12°26	6°10	7°31	27° 9	26°25	27°59	8°35	10° 4	6°36	n.a.	F 11
S 12	14 38 18	10° 0'03	7♌16	4°40	21°37	13° 0	6° 4	7°38	27°12	26°24	28° 0	8°R36	10° 1	6°42	n.a.	S 12
S 13	14 42 15	10°57'10	20°29	5°40	22°44	13°34	5°57	7°45	27°15	26°23	28° 1	8°36	9°58	6°49	n.a.	S 13
M14	14 46 12	11°54'16	4♍ 8	6°37	23°51	14° 8	5°51	7°52	27°18	26°22	28° 1	8°34	9°55	6°56	n.a.	M14
T 15	14 50 8	12°51'21	18°16	7°30	24°58	14°42	5°45	7°59	27°20	26°21	28° 2	8°29	9°51	7° 2	n.a.	T 15
W16	14 54 5	13°48'26	2♎51	8°19	26° 5	15°16	5°38	8° 6	27°23	26°20	28° 3	8°23	9°48	7° 9	n.a.	W16
T 17	14 58 1	14°45'30	17°49	9° 5	27°12	15°51	5°31	8°13	27°25	26°19	28° 4	8°16	9°45	7°16	n.a.	T 17
F 18	15 1 58	15°42'34	3♏ 1	9°48	28°18	16°25	5°25	8°20	27°28	26°18	28° 5	8° 8	9°42	7°22	n.a.	F 18
S 19	15 5 54	16°39'37	18°19	10°26	29°24	17° 0	5°18	8°26	27°30	26°17	28° 5	8° 1	9°39	7°29	n.a.	S 19
S 20	15 9 51	17°36'41	3♐30	11° 0	0♋30	17°35	5°11	8°33	27°33	26°16	28° 6	7°56	9°36	7°36	n.a.	S 20
M21	15 13 47	18°33'44	18°25	11°30	1°36	18° 9	5° 4	8°40	27°35	26°15	28° 7	7°52	9°32	7°43	n.a.	M21
T 22	15 17 44	19°30'48	2♑57	11°56	2°42	18°44	4°57	8°46	27°38	26°15	28° 8	7°D51	9°29	7°49	n.a.	T 22
W23	15 21 41	20°27'52	17° 1	12°18	3°48	19°19	4°50	8°53	27°40	26°14	28° 9	7°51	9°26	7°56	n.a.	W23
T 24	15 25 37	21°24'56	0♒39	12°35	4°53	19°54	4°42	8°59	27°43	26°13	28°10	7°52	9°23	8° 3	n.a.	T 24
F 25	15 29 34	22°22'00	13°50	12°47	5°58	20°29	4°35	9° 6	27°45	26°12	28°11	7°53	9°20	8° 9	n.a.	F 25
S 26	15 33 30	23°19'04	26°38	12°55	7° 3	21° 5	4°28	9°12	27°47	26°12	28°12	7°R53	9°17	8°16	n.a.	S 26
S 27	15 37 27	24°16'09	9♓ 7	12°R59	8° 8	21°40	4°20	9°19	27°49	26°11	28°13	7°52	9°13	8°23	n.a.	S 27
M28	15 41 23	25°13'14	21°21	12°57	9°13	22°15	4°13	9°25	27°52	26°10	28°14	7°49	9°10	8°30	n.a.	M28
T 29	15 45 20	26°10'19	3♈24	12°51	10°17	22°51	4° 5	9°31	27°54	26°10	28°16	7°44	9° 7	8°36	n.a.	T 29
W30	15 49 17	27° 7'25	15°21	12°41	11°21	23°26	3°58	9°38	27°56	26° 9	28°17	7°38	9° 4	8°43	n.a.	W30
T 31	15 53 13	28♉ 4'31	27♈13	12♊26	12♋25	24♋ 2	3♐50	9♈44	27♓58	26♍ 8	28♋18	7♑31	9♑ 1	8♉50	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	11n29	2n 9	4n51	20n18	2n18	24n21	2n12	25n21	1n43	21s32	0n18	0n24	2s20	1s58	0s41	3n15	2n 4	33n56	13n20	23s27	23s23	17n56			n.a.
W 2	11 49	7 9	5 1	20 43	2 18	24 32	2 13	25 18	1 42	21 31	0 18	0 27	2 20	1 57	0 41	3 16	2 4	33 55	13 19	23 28	23 23	17 58			n.a.
T 3	12 9	11 51	4 58	21 6	2 17	24 44	2 15	25 15	1 41	21 30	0 18	0 30	2 20	1 55	0 41	3 16	2 4	33 55	13 19	23 29	23 24	18 0			n.a.
F 4	12 29	16 6	4 42	21 27	2 16	24 54	2 16	25 13	1 40	21 30	0 18	0 33	2 20	1 54	0 41	3 17	2 4	33 54	13 19	23 30	23 24	18 2			n.a.
S 5	12 49	19 42	4 14	21 46	2 14	25 4	2 17	25 10	1 40	21 29	0 18	0 36	2 20	1 53	0 41	3 17	2 4	33 54	13 18	23 30	23 24	18 4			n.a.
S 6	13 9	22 29	3 35	22 3	2 11	25 13	2 18	25 6	1 39	21 28	0 18	0 39	2 20	1 52	0 41	3 17	2 3	33 54	13 18	23 31	23 24	18 6			n.a.
M 7	13 28	24 19	2 46	22 18	2 8	25 22	2 18	25 3	1 38	21 27	0 18	0 41	2 20	1 51	0 41	3 18	2 3	33 53	13 18	23 32	23 25	18 8			n.a.
T 8	13 48	25 3	1 49	22 30	2 3	25 29	2 19	25 0	1 38	21 26	0 17	0 44	2 21	1 50	0 41	3 18	2 3	33 53	13 17	23 32	23 25	18 10			n.a.
W 9	14 7	24 36	0 47	22 41	1 58	25 36	2 20	24 56	1 37	21 26	0 17	0 47	2 21	1 48	0 41	3 19	2 3	33 52	13 17	23 32	23 25	18 12			n.a.
T 10	14 26	22 58	0s18	22 50	1 53	25 43	2 20	24 52	1 36	21 25	0 17	0 50	2 21	1 47	0 41	3 19	2 3	33 52	13 17	23 32	23 25	18 14			n.a.
F 11	14 44	20 11	1 24	22 57	1 46	25 49	2 21	24 49	1 35	21 24	0 17	0 53	2 21	1 46	0 41	3 20	2 3	33 51	13 16	23 32	23 26	18 16			n.a.
S 12	15 3	16 22	2 27	23 2	1 39	25 54	2 21	24 44	1 35	21 23	0 17	0 55	2 21	1 45	0 41	3 20	2 3	33 51	13 16	23 32	23 26	18 18			n.a.
S 13	15 21	11 39	3 25	23 5	1 31	25 58	2 21	24 40	1 34	21 22	0 17	0 58	2 21	1 44	0 41	3 20	2 3	33 50	13 16	23 32	23 26	18 20			n.a.
M14	15 39	6 14	4 13	23 7	1 23	26 2	2 22	24 36	1 33	21 21	0 17	1 1	2 21	1 43	0 41	3 21	2 3	33 50	13 15	23 32	23 26	18 22			n.a.
T 15	15 56	0 19	4 47	23 7	1 13	26 5	2 22	24 32	1 33	21 20	0 16	1 3	2 21	1 42	0 41	3 21	2 3	33 49	13 15	23 32	23 27	18 23			n.a.
W16	16 14	5s48	5 5	23 5	1 4	26 7	2 22	24 27	1 32	21 19	0 16	1 6	2 21	1 41	0 41	3 21	2 3	33 49	13 15	23 33	23 27	18 25			n.a.
T 17	16 31	11 44	5 2	23 2	0 53	26 9	2 21	24 22	1 31	21 18	0 16	1 9	2 22	1 40	0 41	3 22	2 3	33 48	13 14	23 33	23 27	18 27			n.a.
F 18	16 48	17 3	4 38	22 57	0 42	26 9	2 21	24 17	1 31	21 17	0 16	1 11	2 22	1 39	0 41	3 22	2 3	33 48	13 14	23 34	23 27	18 29			n.a.
S 19	17 5	21 17	3 54	22 51	0 30	26 10	2 21	24 12	1 30	21 16	0 16	1 14	2 22	1 38	0 41	3 22	2 3	33 47	13 14	23 34	23 28	18 31			n.a.
S 20	17 21	24 2	2 54	22 44	0 17	26 9	2 20	24 7	1 29	21 14	0 16	1 16	2 22	1 37	0 41	3 23	2 3	33 47	13 13	23 34	23 28	18 33			n.a.
M21	17 37	25 0	1 43	22 35	0 4	26 8	2 20	24 1	1 28	21 13	0 16	1 19	2 22	1 36	0 41	3 23	2 3	33 46	13 13	23 35	23 28	18 35			n.a.
T 22	17 53	24 13	0 26	22 25	0s 9	26 6	2 19	23 56	1 28	21 12	0 16	1 21	2 22	1 35	0 41	3 23	2 3	33 46	13 13	23 35	23 28	18 37			n.a.
W23	18 9	21 54	0n49	22 14	0 23	26 3	2 18	23 50	1 27	21 11	0 15	1 24	2 22	1 34	0 41	3 24	2 3	33 45	13 13	23 35	23 28	18 38			n.a.
T 24	18 24	18 23	2 0	22 2	0 38	26 0	2 17	23 44	1 26	21 10	0 15	1 26	2 23	1 33	0 41	3 24	2 3	33 45	13 12	23 35	23 29	18 40			n.a.
F 25	18 39	14 2	3 2	21 49	0 53	25 56	2 16	23 38	1 26	21 9	0 15	1 29	2 23	1 32	0 41	3 24	2 3	33 44	13 12	23 35	23 29	18 42			n.a.
S 26	18 54	9 11	3 53	21 35	1 8	25 52	2 15	23 32	1 25	21 7	0 15	1 31	2 23	1 31	0 41	3 24	2 3	33 44	13 12	23 35	23 29	18 44			n.a.
S 27	19 8	4 6	4 31	21 20	1 23	25 47	2 13	23 26	1 24	21 6	0 15	1 34	2 23	1 30	0 41	3 25	2 2	33 43	13 11	23 35	23 29	18 46			n.a.
M28	19 22	1n 3	4 57	21 4	1 39	25 41	2 12	23 19	1 24	21 5	0 15	1 36	2 23	1 30	0 41	3 25	2 2	33 43	13 11	23 35	23 30	18 48			n.a.
T 29	19 36	6 4	5 8	20 48	1 55	25 34	2 10	23 13	1 23	21 4	0 15	1 38	2 23	1 29	0 41	3 25	2 2	33 42	13 11	23 35	23 30	18 49			n.a.
W30	19 49	10 50	5 6	20 31	2 10	25 27	2 8	23 6	1 22	21 2	0 14	1 41	2 23	1 28	0 41	3 25	2 2	33 42	13 11	23 35	23 30	18 51			n.a.
T 31	20n 3	15n 9	4n51	20n14	2s26	25n19	2n 6	22n59	1n22	21s 1	0n14	1n43	2s24	1s27	0s41	3n25	2n 2	33n41	13n10	23s36	23s30	18n53			n.a.

Julian Day Number = 1354101.5, Delta T = 07h04m43s
Ecliptic obliquity = 23°48'57, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'34, Lahiri = -17°50'33 Julian Calendar 1 May 1006 BCE == Greg. Calendar 21 Apr. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

JUNE 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	15 57 10	29♉ 1'38	9♉ 3	12°R 7	13♋29	24♋38	3°R42	9♈50	28♓ 0	26°R 8	28♋19	7°R24	8♎57	8♉56	n.a.	F 1
S 2	16 1 6	29°58'45	20°55	11♊44	14°32	25°13	3♐35	9°56	28° 2	26♍ 7	28°20	7♎17	8°54	9° 3	n.a.	S 2
S 3	16 5 3	0♊55'52	2♊49	11°17	15°36	25°49	3°27	10° 2	28° 4	26° 7	28°22	7°12	8°51	9°10	n.a.	S 3
M 4	16 8 59	1°53'00	14°47	10°46	16°39	26°25	3°19	10° 8	28° 6	26° 6	28°23	7° 8	8°48	9°16	n.a.	M 4
T 5	16 12 56	2°50'08	26°52	10°13	17°41	27° 1	3°12	10°13	28° 8	26° 6	28°24	7° 6	8°45	9°23	n.a.	T 5
W 6	16 16 52	3°47'16	9♋ 5	9°37	18°44	27°37	3° 4	10°19	28°10	26° 6	28°26	7°D 6	8°42	9°30	n.a.	W 6
T 7	16 20 49	4°44'24	21°28	9° 0	19°46	28°13	2°56	10°25	28°11	26° 5	28°27	7° 6	8°38	9°37	n.a.	T 7
F 8	16 24 46	5°41'33	4♌ 6	8°21	20°48	28°50	2°48	10°31	28°13	26° 5	28°28	7° 8	8°35	9°43	n.a.	F 8
S 9	16 28 42	6°38'42	17° 0	7°41	21°50	29°26	2°41	10°36	28°15	26° 5	28°30	7° 9	8°32	9°50	n.a.	S 9
S 10	16 32 39	7°35'51	0♍13	7° 1	22°51	0♌ 2	2°33	10°42	28°17	26° 4	28°31	7°10	8°29	9°57	n.a.	S 10
M11	16 36 35	8°33'01	13°49	6°22	23°52	0°39	2°25	10°47	28°18	26° 4	28°33	7°R10	8°26	10° 3	n.a.	M11
T 12	16 40 32	9°30'11	27°47	5°45	24°53	1°15	2°18	10°52	28°20	26° 4	28°34	7° 9	8°23	10°10	n.a.	T 12
W13	16 44 28	10°27'21	12♎ 9	5°10	25°54	1°52	2°10	10°58	28°21	26° 4	28°36	7° 7	8°19	10°17	n.a.	W13
T 14	16 48 25	11°24'31	26°50	4°37	26°54	2°29	2° 3	11° 3	28°23	26° 4	28°37	7° 4	8°16	10°24	n.a.	T 14
F 15	16 52 21	12°21'42	11♏46	4° 8	27°54	3° 5	1°55	11° 8	28°24	26° 3	28°39	7° 1	8°13	10°30	n.a.	F 15
S 16	16 56 18	13°18'54	26°49	3°42	28°53	3°42	1°48	11°13	28°26	26° 3	28°40	6°58	8°10	10°37	n.a.	S 16
S 17	17 0 15	14°16'06	11♐50	3°21	29°52	4°19	1°40	11°18	28°27	26° 3	28°42	6°56	8° 7	10°44	n.a.	S 17
M18	17 4 11	15°13'19	26°40	3° 5	0♌51	4°56	1°33	11°23	28°28	26°D 3	28°44	6°54	8° 3	10°50	n.a.	M18
T 19	17 8 8	16°10'33	11♑12	2°54	1°49	5°33	1°26	11°28	28°30	26° 3	28°45	6°D54	8° 0	10°57	n.a.	T 19
W20	17 12 4	17° 7'48	25°21	2°D49	2°47	6°10	1°19	11°32	28°31	26° 3	28°47	6°55	7°57	11° 4	n.a.	W20
T 21	17 16 1	18° 5'04	9♒ 3	2°50	3°44	6°47	1°12	11°37	28°32	26° 3	28°49	6°56	7°54	11°10	n.a.	T 21
F 22	17 19 57	19° 2'22	22°20	2°56	4°41	7°25	1° 5	11°42	28°33	26° 4	28°50	6°57	7°51	11°17	n.a.	F 22
S 23	17 23 54	19°59'40	5♓13	3° 8	5°38	8° 2	0°58	11°46	28°34	26° 4	28°52	6°58	7°48	11°24	n.a.	S 23
S 24	17 27 51	20°56'59	17°45	3°27	6°34	8°39	0°51	11°50	28°35	26° 4	28°54	6°R59	7°44	11°31	n.a.	S 24
M25	17 31 47	21°54'20	0♈ 0	3°52	7°30	9°17	0°44	11°55	28°36	26° 4	28°55	6°59	7°41	11°37	n.a.	M25
T 26	17 35 44	22°51'42	12° 4	4°23	8°25	9°54	0°37	11°59	28°37	26° 4	28°57	6°58	7°38	11°44	n.a.	T 26
W27	17 39 40	23°49'06	23°59	5° 1	9°19	10°32	0°31	12° 3	28°38	26° 5	28°59	6°57	7°35	11°51	n.a.	W27
T 28	17 43 37	24°46'31	5♉50	5°44	10°14	11°10	0°24	12° 7	28°39	26° 5	29° 1	6°55	7°32	11°57	n.a.	T 28
F 29	17 47 33	25°43'57	17°41	6°34	11° 7	11°48	0°18	12°11	28°40	26° 5	29° 2	6°53	7°29	12° 4	n.a.	F 29
S 30	17 51 30	26♊41'24	29♉35	7♊30	12♌ 0	12♌25	0♐12	12♈15	28♓41	26♍ 6	29♋ 4	6♎52	7♎25	12♉11	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n15	18n54	4n24	19n56	2s41	25n11	2n 4	22n52	1n21	21s 0	0n14	1n45	2s24	1s26	0s41	3n25	2n 2	33n41	13n10	23s36	23s30	18n55		n.a.
S 2	20 28	21 52	3 45	19 38	2 56	25 2	2 2	22 44	1 20	20 58	0 14	1 47	2 24	1 25	0 41	3 26	2 2	33 40	13 10	23 37	23 31	18 57		n.a.
S 3	20 40	23 55	2 56	19 20	3 10	24 52	2 0	22 37	1 20	20 57	0 14	1 50	2 24	1 25	0 41	3 26	2 2	33 39	13 9	23 37	23 31	18 58		n.a.
M 4	20 52	24 54	1 59	19 3	3 24	24 42	1 57	22 29	1 19	20 56	0 14	1 52	2 24	1 24	0 41	3 26	2 2	33 39	13 9	23 37	23 31	19 0		n.a.
T 5	21 3	24 42	0 56	18 45	3 37	24 31	1 55	22 22	1 18	20 54	0 13	1 54	2 25	1 23	0 41	3 26	2 2	33 38	13 9	23 37	23 31	19 2		n.a.
W 6	21 14	23 19	0s11	18 29	3 49	24 20	1 52	22 14	1 18	20 53	0 13	1 56	2 25	1 22	0 41	3 26	2 2	33 38	13 9	23 37	23 32	19 4		n.a.
T 7	21 25	20 47	1 18	18 12	3 59	24 8	1 49	22 6	1 17	20 52	0 13	1 58	2 25	1 22	0 41	3 26	2 2	33 37	13 8	23 37	23 32	19 6		n.a.
F 8	21 36	17 14	2 22	17 57	4 8	23 55	1 46	21 58	1 16	20 50	0 13	2 0	2 25	1 21	0 41	3 26	2 2	33 37	13 8	23 37	23 32	19 7		n.a.
S 9	21 46	12 48	3 21	17 43	4 16	23 42	1 43	21 49	1 16	20 49	0 13	2 2	2 25	1 20	0 42	3 26	2 2	33 36	13 8	23 37	23 32	19 9		n.a.
S 10	21 55	7 40	4 11	17 30	4 23	23 29	1 40	21 41	1 15	20 48	0 13	2 4	2 25	1 20	0 42	3 26	2 2	33 36	13 8	23 37	23 32	19 11		n.a.
M11	22 4	2 2	4 48	17 19	4 28	23 15	1 36	21 32	1 14	20 46	0 12	2 6	2 26	1 19	0 42	3 26	2 2	33 35	13 7	23 37	23 33	19 13		n.a.
T 12	22 13	3s50	5 10	17 10	4 31	23 0	1 33	21 23	1 13	20 45	0 12	2 8	2 26	1 18	0 42	3 26	2 2	33 34	13 7	23 37	23 33	19 14		n.a.
W13	22 22	9 39	5 12	17 2	4 32	22 45	1 29	21 14	1 13	20 43	0 12	2 10	2 26	1 18	0 42	3 26	2 1	33 34	13 7	23 37	23 33	19 16		n.a.
T 14	22 30	15 5	4 55	16 56	4 32	22 30	1 25	21 5	1 12	20 42	0 12	2 12	2 26	1 17	0 42	3 26	2 1	33 33	13 7	23 37	23 33	19 18		n.a.
F 15	22 38	19 41	4 18	16 52	4 31	22 14	1 21	20 56	1 11	20 41	0 12	2 14	2 26	1 17	0 42	3 26	2 1	33 33	13 6	23 38	23 33	19 20		n.a.
S 16	22 45	23 2	3 23	16 51	4 28	21 57	1 17	20 46	1 11	20 39	0 12	2 16	2 27	1 16	0 42	3 26	2 1	33 32	13 6	23 38	23 34	19 21		n.a.
S 17	22 52	24 46	2 14	16 51	4 23	21 40	1 12	20 37	1 10	20 38	0 11	2 17	2 27	1 16	0 42	3 26	2 1	33 32	13 6	23 38	23 34	19 23		n.a.
M18	22 59	24 42	0 56	16 54	4 17	21 23	1 8	20 27	1 9	20 37	0 11	2 19	2 27	1 15	0 42	3 26	2 1	33 31	13 6	23 38	23 34	19 25		n.a.
T 19	23 5	22 56	0n24	16 59	4 10	21 5	1 3	20 17	1 9	20 35	0 11	2 21	2 27	1 15	0 42	3 26	2 1	33 30	13 6	23 38	23 34	19 26		n.a.
W20	23 11	19 46	1 40	17 7	4 1	20 47	0 58	20 7	1 8	20 34	0 11	2 23	2 28	1 14	0 42	3 26	2 1	33 30	13 5	23 38	23 34	19 28		n.a.
T 21	23 16	15 34	2 48	17 16	3 51	20 29	0 53	19 57	1 7	20 33	0 11	2 24	2 28	1 14	0 42	3 26	2 1	33 29	13 5	23 38	23 35	19 30		n.a.
F 22	23 21	10 44	3 45	17 28	3 41	20 10	0 48	19 47	1 7	20 31	0 11	2 26	2 28	1 13	0 42	3 26	2 1	33 29	13 5	23 38	23 35	19 32		n.a.
S 23	23 26	5 35	4 29	17 42	3 29	19 51	0 43	19 36	1 6	20 30	0 10	2 27	2 28	1 13	0 42	3 26	2 1	33 28	13 5	23 38	23 35	19 33		n.a.
S 24	23 30	0 21	4 58	17 57	3 17	19 31	0 37	19 26	1 5	20 29	0 10	2 29	2 28	1 13	0 42	3 26	2 1	33 28	13 5	23 38	23 35	19 35		n.a.
M25	23 34	4n47	5 14	18 15	3 4	19 12	0 32	19 15	1 5	20 28	0 10	2 30	2 29	1 12	0 42	3 26	2 1	33 27	13 5	23 38	23 35	19 37		n.a.
T 26	23 37	9 39	5 15	18 34	2 50	18 52	0 26	19 4	1 4	20 26	0 10	2 32	2 29	1 12	0 42	3 25	2 1	33 27	13 4	23 38	23 35	19 38		n.a.
W27	23 40	14 7	5 2	18 54	2 37	18 31	0 20	18 53	1 3	20 25	0 10	2 33	2 29	1 11	0 42	3 25	2 1	33 26	13 4	23 38	23 36	19 40		n.a.
T 28	23 43	18 1	4 37	19 16	2 22	18 10	0 14	18 42	1 3	20 24	0 10	2 35	2 29	1 11	0 42	3 25	2 0	33 25	13 4	23 38	23 36	19 42		n.a.
F 29	23 45	21 12	4 0	19 39	2 8	17 50	0 7	18 31	1 2	20 23	0 9	2 36	2 30	1 11	0 42	3 25	2 0	33 25	13 4	23 38	23 36	19 43		n.a.
S 30	23n46	23n30	3n12	20n 3	1s53	17n28	0n 1	18n19	1n 1	20s22	0n 9	2n37	2s30	1s11	0s42	3n25	2n 0	33n24	13n 4	23s38	23s36	19n45		n.a.

Julian Day Number = 1354132.5, Delta T = 07h04m42s
Ecliptic obliquity = 23°48'56, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'29, Lahiri = -17°50'29 Julian Calendar 1 June 1006 BCE == Greg. Calendar 22 May 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

JULY 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 55 26	27♊38'53	11♊35	8♊32	12♌53	13♌ 3	0°R 6	12♈19	28♓41	26♍ 6	29♋ 6	6°R51	7♑22	12♉17	n.a.	S 1
M 2	17 59 23	28°36'23	23°42	9°39	13°45	13°41	29♏59	12°23	28°42	26° 6	29° 8	6♑50	7°19	12°24	n.a.	M 2
T 3	18 3 20	29°33'55	5♋59	10°52	14°36	14°19	29°54	12°26	28°43	26° 7	29°10	6°D50	7°16	12°31	n.a.	T 3
W 4	18 7 16	0♋31'28	18°28	12°11	15°26	14°57	29°48	12°30	28°43	26° 7	29°12	6°50	7°13	12°38	n.a.	W 4
T 5	18 11 13	1°29'02	1♌ 8	13°35	16°16	15°36	29°43	12°33	28°44	26° 8	29°14	6°50	7° 9	12°44	n.a.	T 5
F 6	18 15 9	2°26'37	14° 2	15° 3	17° 6	16°14	29°37	12°37	28°44	26° 9	29°15	6°51	7° 6	12°51	n.a.	F 6
S 7	18 19 6	3°24'13	27°11	16°36	17°54	16°52	29°32	12°40	28°45	26° 9	29°17	6°51	7° 3	12°58	n.a.	S 7
S 8	18 23 2	4°21'50	10♍34	18°14	18°42	17°31	29°27	12°43	28°45	26°10	29°19	6°51	7° 0	13° 4	n.a.	S 8
M 9	18 26 59	5°19'29	24°14	19°55	19°29	18° 9	29°22	12°46	28°45	26°10	29°21	6°52	6°57	13°11	n.a.	M 9
T 10	18 30 55	6°17'08	8♎ 9	21°40	20°15	18°48	29°17	12°49	28°46	26°11	29°23	6°52	6°54	13°18	n.a.	T 10
W11	18 34 52	7°14'49	22°19	23°29	21° 0	19°26	29°13	12°52	28°46	26°12	29°25	6°52	6°50	13°24	n.a.	W11
T 12	18 38 49	8°12'31	6♏43	25°20	21°45	20° 5	29° 8	12°54	28°46	26°13	29°27	6°52	6°47	13°31	n.a.	T 12
F 13	18 42 45	9°10'14	21°17	27°13	22°28	20°44	29° 4	12°57	28°46	26°13	29°29	6°52	6°44	13°38	n.a.	F 13
S 14	18 46 42	10° 7'59	5♐55	29° 9	23°11	21°22	29° 0	13° 0	28°46	26°14	29°31	6°52	6°41	13°45	n.a.	S 14
S 15	18 50 38	11° 5'45	20°33	1♋ 6	23°52	22° 1	28°56	13° 2	28°R46	26°15	29°33	6°52	6°38	13°51	n.a.	S 15
M16	18 54 35	12° 3'33	5♑ 5	3° 4	24°33	22°40	28°52	13° 4	28°46	26°16	29°35	6°R52	6°35	13°58	n.a.	M16
T 17	18 58 31	13° 1'22	19°24	5° 3	25°12	23°19	28°48	13° 7	28°46	26°17	29°37	6°52	6°31	14° 5	n.a.	T 17
W18	19 2 28	13°59'12	3♒25	7° 3	25°50	23°58	28°45	13° 9	28°46	26°18	29°39	6°52	6°28	14°11	n.a.	W18
T 19	19 6 25	14°57'05	17° 5	9° 3	26°28	24°37	28°41	13°11	28°46	26°19	29°41	6°51	6°25	14°18	n.a.	T 19
F 20	19 10 21	15°54'59	0♓23	11° 3	27° 3	25°16	28°38	13°13	28°46	26°20	29°43	6°50	6°22	14°25	n.a.	F 20
S 21	19 14 18	16°52'55	13°18	13° 3	27°38	25°56	28°35	13°15	28°45	26°21	29°45	6°49	6°19	14°31	n.a.	S 21
S 22	19 18 14	17°50'53	25°53	15° 2	28°12	26°35	28°33	13°16	28°45	26°22	29°47	6°48	6°15	14°38	n.a.	S 22
M23	19 22 11	18°48'53	8♈11	17° 1	28°44	27°14	28°30	13°18	28°45	26°23	29°49	6°47	6°12	14°45	n.a.	M23
T 24	19 26 7	19°46'56	20°15	18°59	29°14	27°54	28°28	13°20	28°44	26°24	29°51	6°D47	6° 9	14°51	n.a.	T 24
W25	19 30 4	20°45'00	2♉11	20°56	29°43	28°33	28°25	13°21	28°44	26°25	29°54	6°47	6° 6	14°58	n.a.	W25
T 26	19 34 0	21°43'06	14° 2	22°52	0♍11	29°13	28°23	13°22	28°43	26°26	29°56	6°48	6° 3	15° 5	n.a.	T 26
F 27	19 37 57	22°41'15	25°54	24°47	0°37	29°53	28°22	13°23	28°43	26°28	29°58	6°49	6° 0	15°12	n.a.	F 27
S 28	19 41 53	23°39'25	7♊51	26°41	1° 2	0♍32	28°20	13°24	28°42	26°29	29°59	6°51	5°56	15°18	n.a.	S 28
S 29	19 45 50	24°37'38	19°56	28°34	1°25	1°12	28°19	13°25	28°41	26°30	0♌ 2	6°52	5°53	15°25	n.a.	S 29
M30	19 49 47	25°35'53	2♋13	0♌26	1°46	1°52	28°17	13°26	28°41	26°31	0° 4	6°R53	5°50	15°32	n.a.	M30
T 31	19 53 43	26♋34'09	14♋44	2♌16	2♍ 5	2♍32	28♏16	13♈27	28♓40	26♍33	0♌ 6	6♑52	5♑47	15♉38	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n48	24n46	2n15	20n28	1s38	17n 7	0s 6	18n 8	1n 1	20s21	0n 9	2n39	2s30	1s10	0s42	3n24	2n 0	33n24	13n 4	23s38	23s36	19n47		n.a.
M 2	23 48	24 52	1 12	20 53	1 23	16 45	0 13	17 56	1 0	20 19	0 9	2 40	2 30	1 10	0 42	3 24	2 0	33 23	13 3	23 38	23 37	19 48		n.a.
T 3	23 49	23 45	0 5	21 18	1 8	16 24	0 20	17 44	0 59	20 18	0 9	2 41	2 31	1 10	0 42	3 24	2 0	33 23	13 3	23 38	23 37	19 50		n.a.
W 4	23 49	21 28	1s 4	21 43	0 54	16 2	0 27	17 32	0 59	20 17	0 9	2 42	2 31	1 10	0 42	3 24	2 0	33 22	13 3	23 38	23 37	19 51		n.a.
T 5	23 48	18 6	2 11	22 8	0 40	15 40	0 34	17 20	0 58	20 16	0 8	2 43	2 31	1 9	0 42	3 23	2 0	33 22	13 3	23 38	23 37	19 53		n.a.
F 6	23 48	13 49	3 12	22 32	0 26	15 18	0 42	17 8	0 57	20 15	0 8	2 44	2 31	1 9	0 42	3 23	2 0	33 21	13 3	23 38	23 37	19 55		n.a.
S 7	23 46	8 49	4 4	22 55	0 12	14 55	0 50	16 55	0 57	20 14	0 8	2 45	2 32	1 9	0 42	3 23	2 0	33 20	13 3	23 38	23 37	19 56		n.a.
S 8	23 45	3 20	4 45	23 18	0n 1	14 33	0 57	16 43	0 56	20 13	0 8	2 46	2 32	1 9	0 42	3 23	2 0	33 20	13 3	23 38	23 38	19 58		n.a.
M 9	23 42	2s24	5 10	23 38	0 13	14 10	1 6	16 30	0 55	20 12	0 8	2 47	2 32	1 9	0 42	3 22	2 0	33 19	13 3	23 38	23 38	19 59		n.a.
T 10	23 40	8 7	5 17	23 58	0 25	13 48	1 14	16 17	0 55	20 12	0 7	2 48	2 32	1 9	0 42	3 22	2 0	33 19	13 3	23 38	23 38	20 1		n.a.
W11	23 37	13 32	5 6	24 15	0 36	13 25	1 22	16 5	0 54	20 11	0 7	2 49	2 33	1 9	0 42	3 22	2 0	33 18	13 2	23 38	23 38	20 3		n.a.
T 12	23 33	18 17	4 35	24 30	0 46	13 3	1 31	15 52	0 53	20 10	0 7	2 50	2 33	1 9	0 43	3 21	2 0	33 18	13 2	23 38	23 38	20 4		n.a.
F 13	23 30	22 0	3 47	24 43	0 56	12 40	1 40	15 38	0 53	20 9	0 7	2 51	2 33	1 9	0 43	3 21	2 0	33 17	13 2	23 38	23 38	20 6		n.a.
S 14	23 25	24 19	2 43	24 53	1 4	12 18	1 49	15 25	0 52	20 8	0 7	2 52	2 33	1 9	0 43	3 20	1 59	33 17	13 2	23 38	23 39	20 7		n.a.
S 15	23 21	24 57	1 29	25 1	1 12	11 56	1 58	15 12	0 51	20 8	0 7	2 52	2 34	1 9	0 43	3 20	1 59	33 16	13 2	23 38	23 39	20 9		n.a.
M16	23 15	23 53	0 10	25 6	1 19	11 33	2 7	14 58	0 51	20 7	0 6	2 53	2 34	1 9	0 43	3 20	1 59	33 16	13 2	23 38	23 39	20 11		n.a.
T 17	23 10	21 15	1n 9	25 9	1 26	11 11	2 16	14 45	0 50	20 6	0 6	2 54	2 34	1 9	0 43	3 19	1 59	33 15	13 2	23 38	23 39	20 12		n.a.
W18	23 4	17 24	2 22	25 8	1 31	10 49	2 26	14 31	0 49	20 6	0 6	2 54	2 34	1 9	0 43	3 19	1 59	33 15	13 2	23 38	23 39	20 14		n.a.
T 19	22 58	12 42	3 25	25 5	1 36	10 27	2 36	14 17	0 49	20 5	0 6	2 55	2 35	1 9	0 43	3 18	1 59	33 14	13 2	23 38	23 39	20 15		n.a.
F 20	22 51	7 32	4 15	25 0	1 40	10 5	2 46	14 3	0 48	20 5	0 6	2 55	2 35	1 9	0 43	3 18	1 59	33 14	13 2	23 38	23 40	20 17		n.a.
S 21	22 44	2 12	4 50	24 52	1 43	9 44	2 56	13 49	0 47	20 4	0 6	2 56	2 35	1 9	0 43	3 17	1 59	33 13	13 2	23 38	23 40	20 18		n.a.
S 22	22 36	3n 5	5 11	24 41	1 45	9 23	3 6	13 35	0 47	20 4	0 5	2 56	2 36	1 9	0 43	3 17	1 59	33 13	13 2	23 38	23 40	20 20		n.a.
M23	22 28	8 7	5 16	24 28	1 47	9 2	3 17	13 20	0 46	20 3	0 5	2 57	2 36	1 10	0 43	3 16	1 59	33 12	13 2	23 38	23 40	20 21		n.a.
T 24	22 20	12 46	5 8	24 13	1 47	8 41	3 27	13 6	0 45	20 3	0 5	2 57	2 36	1 10	0 43	3 16	1 59	33 12	13 2	23 38	23 40	20 23		n.a.
W25	22 11	16 53	4 46	23 56	1 48	8 21	3 38	12 51	0 44	20 2	0 5	2 57	2 36	1 10	0 43	3 15	1 59	33 11	13 2	23 38	23 40	20 24		n.a.
T 26	22 2	20 18	4 12	23 36	1 47	8 1	3 49	12 37	0 44	20 2	0 5	2 58	2 37	1 10	0 43	3 15	1 59	33 11	13 2	23 38	23 40	20 26		n.a.
F 27	21 52	22 53	3 28	23 15	1 47	7 41	4 0	12 22	0 43	20 2	0 5	2 58	2 37	1 11	0 43	3 14	1 59	33 10	13 2	23 38	23 41	20 27		n.a.
S 28	21 42	24 29	2 34	22 52	1 45	7 22	4 11	12 7	0 42	20 2	0 4	2 58	2 37	1 11	0 43	3 14	1 59	33 10	13 2	23 38	23 41	20 29		n.a.
S 29	21 32	24 58	1 32	22 27	1 43	7 3	4 23	11 52	0 42	20 2	0 4	2 58	2 37	1 11	0 43	3 13	1 59	33 9	13 2	23 38	23 41	20 30		n.a.
M30	21 21	24 13	0 26	22 1	1 41	6 45	4 34	11 37	0 41	20 1	0 4	2 58	2 38	1 11	0 43	3 13	1 59	33 9	13 2	23 38	23 41	20 32		n.a.
T 31	21n10	22n16	0s43	21n33	1n38	6n27	4s46	11n22	0n40	20s 1	0n 4	2n58	2s38	1s12	0s43	3n12	1n58	33n 8	13n 2	23s38	23s41	20n33		n.a.

Julian Day Number = 1354162.5, Delta T = 07h04m40s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'25, Lahiri = -17°50'25 Julian Calendar 1 July 1006 BCE == Greg. Calendar 21 June 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

AUGUST 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	19 57 40	27♋32'28	27♋31	4♌ 6	2♍23	3♍12	28°R15	13♈28	28°R39	26♍34	0♌ 8	6°R51	5♑44	15♉45	n.a.	W 1
T 2	20 1 36	28°30'48	10♌33	5°54	2°39	3°52	28♏15	13°28	28♓38	26°35	0°10	6♑49	5°41	15°52	n.a.	T 2
F 3	20 5 33	29°29'11	23°51	7°41	2°52	4°32	28°14	13°29	28°37	26°37	0°12	6°46	5°37	15°58	n.a.	F 3
S 4	20 9 29	0♌27'35	7♍23	9°27	3° 4	5°12	28°14	13°29	28°37	26°38	0°14	6°43	5°34	16° 5	n.a.	S 4
S 5	20 13 26	1°26'01	21° 7	11°12	3°13	5°53	28°D14	13°29	28°36	26°40	0°17	6°39	5°31	16°12	n.a.	S 5
M 6	20 17 22	2°24'29	5♎ 1	12°56	3°21	6°33	28°14	13°R29	28°34	26°41	0°19	6°36	5°28	16°19	n.a.	M 6
T 7	20 21 19	3°22'58	19° 3	14°39	3°26	7°14	28°14	13°29	28°33	26°43	0°21	6°34	5°25	16°25	n.a.	T 7
W 8	20 25 16	4°21'30	3♏11	16°20	3°29	7°54	28°15	13°29	28°32	26°44	0°23	6°D34	5°21	16°32	n.a.	W 8
T 9	20 29 12	5°20'03	17°23	18° 0	3°R29	8°35	28°15	13°29	28°31	26°46	0°25	6°34	5°18	16°39	n.a.	T 9
F 10	20 33 9	6°18'38	1♐36	19°40	3°28	9°15	28°16	13°28	28°30	26°47	0°27	6°35	5°15	16°45	n.a.	F 10
S 11	20 37 5	7°17'15	15°50	21°18	3°23	9°56	28°17	13°28	28°29	26°49	0°29	6°37	5°12	16°52	n.a.	S 11
S 12	20 41 2	8°15'53	0♑ 1	22°55	3°17	10°36	28°18	13°27	28°27	26°50	0°31	6°R38	5° 9	16°59	n.a.	S 12
M13	20 44 58	9°14'34	14° 6	24°31	3° 8	11°17	28°20	13°27	28°26	26°52	0°33	6°38	5° 6	17° 5	n.a.	M13
T 14	20 48 55	10°13'16	28° 2	26° 6	2°57	11°58	28°21	13°26	28°25	26°54	0°35	6°36	5° 2	17°12	n.a.	T 14
W15	20 52 51	11°12'00	11♒45	27°41	2°43	12°39	28°23	13°25	28°23	26°55	0°37	6°33	4°59	17°19	n.a.	W15
T 16	20 56 48	12°10'47	25°12	29°14	2°27	13°20	28°25	13°24	28°22	26°57	0°40	6°28	4°56	17°25	n.a.	T 16
F 17	21 0 45	13° 9'35	8♓22	0♍46	2° 8	14° 1	28°28	13°23	28°20	26°59	0°42	6°22	4°53	17°32	n.a.	F 17
S 18	21 4 41	14° 8'26	21°14	2°17	1°48	14°42	28°30	13°22	28°19	27° 1	0°44	6°16	4°50	17°39	n.a.	S 18
S 19	21 8 38	15° 7'19	3♈48	3°47	1°25	15°23	28°32	13°20	28°17	27° 2	0°46	6° 9	4°47	17°45	n.a.	S 19
M20	21 12 34	16° 6'15	16° 5	5°16	1° 0	16° 5	28°35	13°19	28°15	27° 4	0°48	6° 4	4°43	17°52	n.a.	M20
T 21	21 16 31	17° 5'13	28° 9	6°44	0°33	16°46	28°38	13°17	28°14	27° 6	0°50	6° 0	4°40	17°59	n.a.	T 21
W22	21 20 27	18° 4'13	10♉ 5	8°12	0° 5	17°27	28°41	13°16	28°12	27° 8	0°52	5°58	4°37	18° 6	n.a.	W22
T 23	21 24 24	19° 3'16	21°55	9°38	29♌34	18° 9	28°45	13°14	28°10	27°10	0°54	5°D58	4°34	18°12	n.a.	T 23
F 24	21 28 20	20° 2'21	3♊47	11° 3	29° 3	18°50	28°48	13°12	28° 9	27°11	0°56	5°59	4°31	18°19	n.a.	F 24
S 25	21 32 17	21° 1'29	15°44	12°27	28°29	19°32	28°52	13°10	28° 7	27°13	0°58	6° 0	4°27	18°26	n.a.	S 25
S 26	21 36 13	22° 0'39	27°52	13°50	27°55	20°13	28°56	13° 8	28° 5	27°15	1° 0	6° 2	4°24	18°32	n.a.	S 26
M27	21 40 10	22°59'52	10♋15	15°12	27°20	20°55	29° 0	13° 6	28° 3	27°17	1° 2	6°R 2	4°21	18°39	n.a.	M27
T 28	21 44 7	23°59'07	22°56	16°32	26°44	21°37	29° 4	13° 4	28° 1	27°19	1° 4	6° 0	4°18	18°46	n.a.	T 28
W29	21 48 3	24°58'24	5♌59	17°52	26° 8	22°19	29° 8	13° 1	27°59	27°21	1° 6	5°57	4°15	18°52	n.a.	W29
T 30	21 52 0	25°57'44	19°22	19°10	25°31	23° 1	29°13	12°59	27°57	27°23	1° 8	5°51	4°12	18°59	n.a.	T 30
F 31	21 55 56	26♌57'05	3♍ 5	20♍27	24♌55	23♍43	29♏17	12♈56	27♓55	27♍25	1♌10	5♑43	4♑ 8	19♉ 6	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n59	19n10	1s51	21n 4	1n34	6n10	4s57	11n 6	0n40	20s 1	0n 4	2n58	2s38	1s12	0s43	3n12	1n58	33n 8	13n 2	23s38	23s41	20n35		n.a.
T 2	20 47	15 4	2 55	20 33	1 31	5 54	5 9	10 51	0 39	20 1	0 4	2 58	2 39	1 12	0 43	3 11	1 58	33 7	13 2	23 38	23 41	20 36		n.a.
F 3	20 35	10 10	3 50	20 2	1 27	5 38	5 21	10 35	0 38	20 1	0 4	2 58	2 39	1 13	0 43	3 10	1 58	33 7	13 2	23 38	23 42	20 38		n.a.
S 4	20 22	4 42	4 34	19 29	1 22	5 23	5 32	10 20	0 38	20 1	0 3	2 58	2 39	1 13	0 43	3 10	1 58	33 7	13 2	23 39	23 42	20 39		n.a.
S 5	20 9	1s 2	5 2	18 56	1 17	5 8	5 44	10 4	0 37	20 2	0 3	2 58	2 39	1 14	0 43	3 9	1 58	33 6	13 2	23 39	23 42	20 41		n.a.
M 6	19 56	6 48	5 14	18 21	1 12	4 55	5 56	9 48	0 36	20 2	0 3	2 58	2 40	1 14	0 43	3 8	1 58	33 6	13 2	23 39	23 42	20 42		n.a.
T 7	19 42	12 17	5 6	17 46	1 7	4 42	6 8	9 33	0 36	20 2	0 3	2 57	2 40	1 15	0 43	3 8	1 58	33 5	13 3	23 39	23 42	20 43		n.a.
W 8	19 28	17 9	4 41	17 10	1 1	4 30	6 19	9 17	0 35	20 2	0 3	2 57	2 40	1 15	0 43	3 7	1 58	33 5	13 3	23 39	23 42	20 45		n.a.
T 9	19 14	21 5	3 58	16 33	0 56	4 19	6 31	9 1	0 34	20 2	0 3	2 57	2 40	1 16	0 43	3 6	1 58	33 4	13 3	23 39	23 42	20 46		n.a.
F 10	18 59	23 45	3 0	15 56	0 50	4 9	6 42	8 45	0 34	20 3	0 2	2 56	2 41	1 16	0 43	3 6	1 58	33 4	13 3	23 39	23 43	20 48		n.a.
S 11	18 44	24 54	1 51	15 18	0 43	4 0	6 53	8 28	0 33	20 3	0 2	2 56	2 41	1 17	0 43	3 5	1 58	33 4	13 3	23 39	23 43	20 49		n.a.
S 12	18 29	24 25	0 36	14 40	0 37	3 53	7 4	8 12	0 32	20 4	0 2	2 55	2 41	1 17	0 43	3 4	1 58	33 3	13 3	23 39	23 43	20 50		n.a.
M13	18 13	22 23	0n41	14 2	0 30	3 46	7 15	7 56	0 32	20 4	0 2	2 55	2 41	1 18	0 43	3 4	1 58	33 3	13 3	23 39	23 43	20 52		n.a.
T 14	17 57	19 1	1 54	13 23	0 23	3 40	7 25	7 39	0 31	20 5	0 2	2 54	2 42	1 18	0 43	3 3	1 58	33 3	13 3	23 39	23 43	20 53		n.a.
W15	17 41	14 39	3 0	12 44	0 16	3 36	7 35	7 23	0 30	20 5	0 2	2 54	2 42	1 19	0 43	3 2	1 58	33 2	13 3	23 39	23 43	20 55		n.a.
T 16	17 25	9 39	3 54	12 4	0 9	3 32	7 45	7 6	0 30	20 6	0 2	2 53	2 42	1 19	0 44	3 2	1 58	33 2	13 4	23 39	23 43	20 56		n.a.
F 17	17 8	4 20	4 34	11 25	0 2	3 30	7 54	6 50	0 29	20 6	0 1	2 52	2 42	1 20	0 44	3 1	1 58	33 1	13 4	23 40	23 43	20 57		n.a.
S 18	16 51	1n 3	5 0	10 45	0s 5	3 30	8 3	6 33	0 28	20 7	0 1	2 52	2 43	1 21	0 44	3 0	1 58	33 1	13 4	23 40	23 44	20 59		n.a.
S 19	16 33	6 15	5 10	10 5	0 12	3 30	8 11	6 16	0 27	20 8	0 1	2 51	2 43	1 21	0 44	2 59	1 58	33 1	13 4	23 40	23 44	21 0		n.a.
M20	16 16	11 6	5 5	9 25	0 20	3 32	8 18	5 59	0 27	20 9	0 1	2 50	2 43	1 22	0 44	2 59	1 58	33 0	13 4	23 40	23 44	21 2		n.a.
T 21	15 57	15 27	4 47	8 45	0 27	3 35	8 25	5 42	0 26	20 9	0 1	2 49	2 43	1 23	0 44	2 58	1 58	33 0	13 4	23 41	23 44	21 3		n.a.
W22	15 39	19 7	4 17	8 5	0 35	3 39	8 31	5 25	0 25	20 10	0 1	2 48	2 44	1 23	0 44	2 57	1 57	33 0	13 5	23 41	23 44	21 4		n.a.
T 23	15 21	22 0	3 36	7 25	0 43	3 44	8 37	5 8	0 25	20 11	0 1	2 48	2 44	1 24	0 44	2 56	1 57	33 0	13 5	23 41	23 44	21 6		n.a.
F 24	15 2	23 57	2 46	6 46	0 50	3 51	8 41	4 51	0 24	20 12	0 0	2 47	2 44	1 25	0 44	2 55	1 57	32 59	13 5	23 41	23 44	21 7		n.a.
S 25	14 43	24 49	1 48	6 6	0 58	3 59	8 45	4 34	0 23	20 13	0 0	2 46	2 44	1 26	0 44	2 55	1 57	32 59	13 5	23 41	23 44	21 8		n.a.
S 26	14 23	24 32	0 44	5 27	1 5	4 8	8 48	4 17	0 23	20 14	0 0	2 45	2 45	1 26	0 44	2 54	1 57	32 59	13 5	23 41	23 44	21 10		n.a.
M27	14 4	23 2	0s23	4 48	1 13	4 18	8 49	3 59	0 22	20 15	0s 0	2 44	2 45	1 27	0 44	2 53	1 57	32 58	13 6	23 41	23 45	21 11		n.a.
T 28	13 44	20 21	1 30	4 9	1 21	4 29	8 50	3 42	0 21	20 16	0 0	2 42	2 45	1 28	0 44	2 52	1 57	32 58	13 6	23 41	23 45	21 12		n.a.
W29	13 24	16 35	2 34	3 31	1 28	4 42	8 50	3 25	0 21	20 17	0 0	2 41	2 45	1 29	0 44	2 51	1 57	32 58	13 6	23 41	23 45	21 14		n.a.
T 30	13 4	11 54	3 32	2 53	1 36	4 55	8 49	3 7	0 20	20 18	0 0	2 40	2 46	1 30	0 44	2 51	1 57	32 58	13 6	23 41	23 45	21 15		n.a.
F 31	12n43	6n32	4s18	2n16	1s43	5n 8	8s47	2n50	0n19	20s19	0s 1	2n39	2s46	1s30	0s44	2n50	1n57	32n57	13n 6	23s41	23s45	21n16		n.a.

Julian Day Number = 1354193.5, Delta T = 07h04m39s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'21, Lahiri = -17°50'21 Julian Calendar 1 Aug. 1006 BCE == Greg. Calendar 22 July 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

SEPTEMBER 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 59 53	27♌56'29	17♍ 4	21♍42	24°R19	24♍25	29♏22	12°R54	27°R53	27♍27	1♌12	5°R35	4♑ 5	19♉12	n.a.	S 1
S 2	22 3 49	28°55'55	1♎16	22°56	23♌43	25° 7	29°27	12♈51	27♓51	27°29	1°14	5♑26	4° 2	19°19	n.a.	S 2
M 3	22 7 46	29°55'23	15°34	24° 9	23° 8	25°49	29°33	12°48	27°49	27°31	1°15	5°18	3°59	19°26	n.a.	M 3
T 4	22 11 42	0♍54'53	29°55	25°20	22°34	26°31	29°38	12°45	27°47	27°33	1°17	5°12	3°56	19°32	n.a.	T 4
W 5	22 15 39	1°54'25	14♏12	26°28	22° 1	27°13	29°44	12°42	27°45	27°35	1°19	5° 9	3°52	19°39	n.a.	W 5
T 6	22 19 35	2°53'58	28°24	27°35	21°30	27°56	29°50	12°39	27°43	27°37	1°21	5°D 7	3°49	19°46	n.a.	T 6
F 7	22 23 32	3°53'34	12♐28	28°40	21° 0	28°38	29°55	12°36	27°41	27°39	1°23	5° 7	3°46	19°53	n.a.	F 7
S 8	22 27 29	4°53'11	26°25	29°42	20°31	29°21	0♐ 2	12°32	27°38	27°41	1°25	5° 8	3°43	19°59	n.a.	S 8
S 9	22 31 25	5°52'51	10♑13	0♎42	20° 5	0♎ 3	0° 8	12°29	27°36	27°44	1°27	5°R 8	3°40	20° 6	n.a.	S 9
M10	22 35 22	6°52'32	23°52	1°39	19°41	0°46	0°14	12°25	27°34	27°46	1°28	5° 7	3°37	20°13	n.a.	M10
T 11	22 39 18	7°52'15	7♒22	2°32	19°18	1°28	0°21	12°22	27°32	27°48	1°30	5° 3	3°33	20°19	n.a.	T 11
W12	22 43 15	8°52'00	20°41	3°23	18°58	2°11	0°27	12°18	27°29	27°50	1°32	4°56	3°30	20°26	n.a.	W12
T 13	22 47 11	9°51'47	3♓49	4° 9	18°41	2°54	0°34	12°15	27°27	27°52	1°34	4°46	3°27	20°33	n.a.	T 13
F 14	22 51 8	10°51'36	16°43	4°52	18°25	3°37	0°41	12°11	27°25	27°54	1°35	4°35	3°24	20°39	n.a.	F 14
S 15	22 55 4	11°51'27	29°24	5°30	18°12	4°20	0°48	12° 7	27°22	27°56	1°37	4°23	3°21	20°46	n.a.	S 15
S 16	22 59 1	12°51'21	11♈50	6° 2	18° 2	5° 3	0°56	12° 3	27°20	27°59	1°39	4°11	3°18	20°53	n.a.	S 16
M17	23 2 58	13°51'16	24° 3	6°29	17°54	5°46	1° 3	11°59	27°17	28° 1	1°40	4° 0	3°14	20°59	n.a.	M17
T 18	23 6 54	14°51'14	6♉ 5	6°51	17°49	6°29	1°11	11°55	27°15	28° 3	1°42	3°51	3°11	21° 6	n.a.	T 18
W19	23 10 51	15°51'14	17°59	7° 5	17°46	7°12	1°19	11°51	27°13	28° 5	1°44	3°45	3° 8	21°13	n.a.	W19
T 20	23 14 47	16°51'17	29°48	7°R12	17°D45	7°55	1°27	11°47	27°10	28° 7	1°45	3°41	3° 5	21°19	n.a.	T 20
F 21	23 18 44	17°51'21	11♊37	7°11	17°47	8°38	1°35	11°42	27° 8	28°10	1°47	3°40	3° 2	21°26	n.a.	F 21
S 22	23 22 40	18°51'28	23°32	7° 2	17°51	9°22	1°43	11°38	27° 5	28°12	1°48	3°D40	2°58	21°33	n.a.	S 22
S 23	23 26 37	19°51'38	5♋38	6°44	17°57	10° 5	1°51	11°34	27° 3	28°14	1°50	3°R40	2°55	21°39	n.a.	S 23
M24	23 30 33	20°51'49	18° 1	6°17	18° 6	10°49	2° 0	11°29	27° 1	28°16	1°51	3°39	2°52	21°46	n.a.	M24
T 25	23 34 30	21°52'03	0♌45	5°40	18°17	11°32	2° 8	11°25	26°58	28°19	1°53	3°37	2°49	21°53	n.a.	T 25
W26	23 38 26	22°52'19	13°54	4°54	18°30	12°16	2°17	11°20	26°56	28°21	1°54	3°31	2°46	21°59	n.a.	W26
T 27	23 42 23	23°52'37	27°30	3°59	18°46	12°59	2°26	11°16	26°53	28°23	1°56	3°23	2°43	22° 6	n.a.	T 27
F 28	23 46 20	24°52'57	11♍31	2°56	19° 3	13°43	2°35	11°11	26°51	28°25	1°57	3°13	2°39	22°13	n.a.	F 28
S 29	23 50 16	25°53'19	25°54	1°46	19°22	14°27	2°44	11° 6	26°48	28°28	1°59	3° 1	2°36	22°19	n.a.	S 29
S 30	23 54 13	26♍53'42	10♎33	0♎31	19♌44	15♎11	2♐53	11♈ 2	26♓46	28♍30	2♌ 0	2♑49	2♑33	22♉26	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n23	0n44	4s50	1n39	1s50	5n23	8s44	2n32	0n19	20s21	0s 1	2n38	2s46	1s31	0s44	2n49	1n57	32n57	13n 7	23s42	23s45	21n17		n.a.
S 2	12 2	5s10	5 5	1 3	1 58	5 38	8 41	2 15	0 18	20 22	0 1	2 36	2 46	1 32	0 44	2 48	1 57	32 57	13 7	23 42	23 45	21 19		n.a.
M 3	11 41	10 50	5 1	0 28	2 5	5 54	8 36	1 57	0 17	20 23	0 1	2 35	2 46	1 33	0 44	2 47	1 57	32 57	13 7	23 42	23 45	21 20		n.a.
T 4	11 19	15 56	4 38	0s 7	2 11	6 10	8 30	1 39	0 17	20 24	0 1	2 34	2 47	1 34	0 44	2 46	1 57	32 56	13 7	23 43	23 45	21 21		n.a.
W 5	10 58	20 8	3 58	0 41	2 18	6 27	8 24	1 22	0 16	20 26	0 1	2 32	2 47	1 35	0 44	2 46	1 57	32 56	13 8	23 43	23 45	21 23		n.a.
T 6	10 36	23 5	3 3	1 14	2 25	6 44	8 16	1 4	0 15	20 27	0 1	2 31	2 47	1 36	0 44	2 45	1 57	32 56	13 8	23 43	23 46	21 24		n.a.
F 7	10 14	24 36	1 58	1 46	2 31	7 1	8 8	0 46	0 14	20 29	0 1	2 29	2 47	1 36	0 44	2 44	1 57	32 56	13 8	23 43	23 46	21 25		n.a.
S 8	9 52	24 32	0 47	2 16	2 37	7 18	8 0	0 28	0 14	20 30	0 2	2 28	2 47	1 37	0 44	2 43	1 57	32 56	13 9	23 43	23 46	21 26		n.a.
S 9	9 30	22 58	0n27	2 46	2 43	7 35	7 50	0 11	0 13	20 31	0 2	2 27	2 48	1 38	0 44	2 42	1 57	32 56	13 9	23 43	23 46	21 28		n.a.
M10	9 7	20 4	1 38	3 13	2 48	7 52	7 40	0s 7	0 12	20 33	0 2	2 25	2 48	1 39	0 44	2 41	1 57	32 55	13 9	23 43	23 46	21 29		n.a.
T 11	8 45	16 6	2 43	3 40	2 53	8 9	7 30	0 25	0 12	20 34	0 2	2 23	2 48	1 40	0 44	2 40	1 57	32 55	13 9	23 43	23 46	21 30		n.a.
W12	8 22	11 23	3 38	4 4	2 57	8 25	7 19	0 43	0 11	20 36	0 2	2 22	2 48	1 41	0 44	2 39	1 57	32 55	13 10	23 43	23 46	21 31		n.a.
T 13	7 59	6 14	4 20	4 26	3 1	8 42	7 7	1 1	0 10	20 38	0 2	2 20	2 48	1 42	0 44	2 39	1 57	32 55	13 10	23 44	23 46	21 32		n.a.
F 14	7 36	0 55	4 48	4 47	3 5	8 57	6 56	1 19	0 10	20 39	0 2	2 19	2 48	1 43	0 44	2 38	1 57	32 55	13 10	23 44	23 46	21 34		n.a.
S 15	7 13	4n21	5 1	5 4	3 7	9 13	6 43	1 37	0 9	20 41	0 2	2 17	2 48	1 44	0 44	2 37	1 57	32 55	13 11	23 44	23 46	21 35		n.a.
S 16	6 50	9 20	4 59	5 19	3 9	9 28	6 31	1 54	0 8	20 42	0 3	2 15	2 49	1 45	0 44	2 36	1 57	32 55	13 11	23 45	23 46	21 36		n.a.
M17	6 27	13 52	4 44	5 31	3 10	9 42	6 18	2 12	0 8	20 44	0 3	2 14	2 49	1 46	0 44	2 35	1 57	32 55	13 11	23 45	23 47	21 37		n.a.
T 18	6 3	17 47	4 16	5 40	3 11	9 56	6 6	2 30	0 7	20 46	0 3	2 12	2 49	1 47	0 44	2 34	1 57	32 54	13 12	23 45	23 47	21 38		n.a.
W19	5 40	20 56	3 37	5 45	3 10	10 9	5 53	2 48	0 6	20 48	0 3	2 10	2 49	1 48	0 44	2 33	1 57	32 54	13 12	23 46	23 47	21 40		n.a.
T 20	5 16	23 11	2 50	5 46	3 8	10 22	5 40	3 6	0 6	20 49	0 3	2 8	2 49	1 49	0 44	2 32	1 57	32 54	13 12	23 46	23 47	21 41		n.a.
F 21	4 52	24 25	1 54	5 43	3 5	10 33	5 27	3 24	0 5	20 51	0 3	2 7	2 49	1 50	0 44	2 31	1 57	32 54	13 13	23 46	23 47	21 42		n.a.
S 22	4 29	24 33	0 54	5 35	3 0	10 45	5 14	3 42	0 4	20 53	0 3	2 5	2 49	1 51	0 44	2 30	1 57	32 54	13 13	23 46	23 47	21 43		n.a.
S 23	4 5	23 31	0s10	5 22	2 54	10 55	5 1	4 0	0 4	20 55	0 3	2 3	2 49	1 52	0 44	2 30	1 57	32 54	13 13	23 46	23 47	21 44		n.a.
M24	3 41	21 20	1 15	5 3	2 46	11 5	4 48	4 18	0 3	20 57	0 4	2 1	2 50	1 53	0 44	2 29	1 57	32 54	13 14	23 46	23 47	21 45		n.a.
T 25	3 16	18 3	2 18	4 40	2 36	11 13	4 35	4 36	0 2	20 58	0 4	1 59	2 50	1 54	0 44	2 28	1 57	32 54	13 14	23 46	23 47	21 47		n.a.
W26	2 52	13 47	3 16	4 10	2 24	11 22	4 22	4 54	0 1	21 0	0 4	1 57	2 50	1 55	0 44	2 27	1 57	32 54	13 15	23 46	23 47	21 48		n.a.
T 27	2 28	8 43	4 4	3 36	2 11	11 29	4 10	5 12	0 1	21 2	0 4	1 55	2 50	1 56	0 44	2 26	1 57	32 54	13 15	23 46	23 47	21 49		n.a.
F 28	2 4	3 3	4 39	2 56	1 55	11 35	3 57	5 30	0 0	21 4	0 4	1 54	2 50	1 57	0 44	2 25	1 57	32 54	13 15	23 47	23 47	21 50		n.a.
S 29	1 40	2s53	4 58	2 13	1 38	11 41	3 45	5 47	0s 1	21 6	0 4	1 52	2 50	1 58	0 44	2 24	1 57	32 54	13 16	23 47	23 47	21 51		n.a.
S 30	1n15	8s47	4s58	1s25	1s20	11n46	3s33	6s 5	0s 1	21s 8	0s 4	1n50	2s50	1s59	0s44	2n23	1n57	32n54	13n16	23s47	23s47	21n52		n.a.

Julian Day Number = 1354224.5, Delta T = 07h04m37s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'17, Lahiri = -17°50'16 Julian Calendar 1 Sept. 1006 BCE == Greg. Calendar 22 Aug. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

OCTOBER 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 58 9	27♍54'08	25♎19	29°R12	20♌ 7	15♎55	3♐ 2	10°R57	26°R43	28♍32	2♌ 1	2°R38	2♑30	22♉33	n.a.	M 1
T 2	0 2 6	28°54'35	10♏ 5	27♍53	20°32	16°38	3°12	10♈52	26♓41	28°34	2° 3	2♑29	2°27	22°40	n.a.	T 2
W 3	0 6 2	29°55'04	24°42	26°36	20°58	17°22	3°22	10°47	26°38	28°37	2° 4	2°23	2°24	22°46	n.a.	W 3
T 4	0 9 59	0♎55'34	9♐ 7	25°23	21°26	18° 7	3°31	10°42	26°36	28°39	2° 5	2°20	2°20	22°53	n.a.	T 4
F 5	0 13 55	1°56'06	23°16	24°16	21°56	18°51	3°41	10°38	26°33	28°41	2° 7	2°19	2°17	23° 0	n.a.	F 5
S 6	0 17 52	2°56'40	7♑ 8	23°18	22°28	19°35	3°51	10°33	26°31	28°43	2° 8	2°19	2°14	23° 6	n.a.	S 6
S 7	0 21 49	3°57'15	20°45	22°30	23° 1	20°19	4° 1	10°28	26°28	28°46	2° 9	2°18	2°11	23°13	n.a.	S 7
M 8	0 25 45	4°57'51	4♒ 7	21°54	23°35	21° 3	4°11	10°23	26°26	28°48	2°10	2°16	2° 8	23°20	n.a.	M 8
T 9	0 29 42	5°58'28	17°16	21°29	24°11	21°48	4°22	10°18	26°24	28°50	2°11	2°11	2° 4	23°26	n.a.	T 9
W10	0 33 38	6°59'07	0♓14	21°15	24°48	22°32	4°32	10°13	26°21	28°52	2°13	2° 3	2° 1	23°33	n.a.	W10
T 11	0 37 35	7°59'47	13° 0	21°D13	25°27	23°16	4°43	10° 8	26°19	28°54	2°14	1°52	1°58	23°40	n.a.	T 11
F 12	0 41 31	9° 0'29	25°36	21°22	26° 6	24° 1	4°53	10° 3	26°16	28°57	2°15	1°39	1°55	23°46	n.a.	F 12
S 13	0 45 28	10° 1'12	8♈ 1	21°42	26°47	24°45	5° 4	9°58	26°14	28°59	2°16	1°25	1°52	23°53	n.a.	S 13
S 14	0 49 24	11° 1'56	20°16	22°10	27°29	25°30	5°15	9°53	26°11	29° 1	2°17	1°11	1°49	24° 0	n.a.	S 14
M15	0 53 21	12° 2'42	2♉22	22°47	28°12	26°15	5°26	9°48	26° 9	29° 3	2°18	0°58	1°45	24° 6	n.a.	M15
T 16	0 57 18	13° 3'30	14°19	23°32	28°57	26°59	5°37	9°43	26° 7	29° 6	2°19	0°47	1°42	24°13	n.a.	T 16
W17	1 1 14	14° 4'19	26°10	24°23	29°42	27°44	5°48	9°38	26° 4	29° 8	2°20	0°39	1°39	24°20	n.a.	W17
T 18	1 5 11	15° 5'10	7♊57	25°21	0♍28	28°29	5°59	9°33	26° 2	29°10	2°20	0°35	1°36	24°26	n.a.	T 18
F 19	1 9 7	16° 6'03	19°45	26°23	1°16	29°14	6°10	9°28	26° 0	29°12	2°21	0°32	1°33	24°33	n.a.	F 19
S 20	1 13 4	17° 6'57	1♋38	27°30	2° 4	29°59	6°22	9°23	25°58	29°14	2°22	0°D32	1°29	24°40	n.a.	S 20
S 21	1 17 0	18° 7'53	13°41	28°41	2°53	0♏44	6°33	9°19	25°55	29°16	2°23	0°R32	1°26	24°46	n.a.	S 21
M22	1 20 57	19° 8'50	26° 0	29°55	3°43	1°29	6°45	9°14	25°53	29°19	2°24	0°32	1°23	24°53	n.a.	M22
T 23	1 24 53	20° 9'49	8♌40	1♎11	4°34	2°14	6°57	9° 9	25°51	29°21	2°24	0°30	1°20	25° 0	n.a.	T 23
W24	1 28 50	21°10'49	21°46	2°31	5°25	2°59	7° 8	9° 4	25°49	29°23	2°25	0°27	1°17	25° 6	n.a.	W24
T 25	1 32 47	22°11'50	5♍21	3°52	6°18	3°44	7°20	8°59	25°47	29°25	2°26	0°20	1°14	25°13	n.a.	T 25
F 26	1 36 43	23°12'53	19°25	5°15	7°11	4°29	7°32	8°55	25°44	29°27	2°26	0°11	1°10	25°20	n.a.	F 26
S 27	1 40 40	24°13'57	3♎57	6°40	8° 5	5°15	7°44	8°50	25°42	29°29	2°27	0° 1	1° 7	25°26	n.a.	S 27
S 28	1 44 36	25°15'03	18°51	8° 5	8°59	6° 0	7°56	8°45	25°40	29°31	2°28	29♐51	1° 4	25°33	n.a.	S 28
M29	1 48 33	26°16'09	3♏57	9°32	9°54	6°46	8° 8	8°41	25°38	29°33	2°28	29°41	1° 1	25°40	n.a.	M29
T 30	1 52 29	27°17'17	19° 6	11° 0	10°50	7°31	8°21	8°36	25°36	29°35	2°29	29°33	0°58	25°46	n.a.	T 30
W31	1 56 26	28♎18'25	4♐ 7	12♎29	11♍46	8♏16	8♐33	8♈32	25♓34	29♍37	2♌29	29♐28	0♑55	25♉53	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	0n51	14s14	4s37	0s36	1s 0	11n50	3s20	6s23	0s 2	21s10	0s 4	1n48	2s50	2s 0	0s44	2n22	1n57	32n54	13n16	23s47	23s47	21n53			n.a.
T 2	0 26	18 50	3 59	0n15	0 40	11 54	3 9	6 41	0 3	21 12	0 4	1 46	2 50	2 1	0 44	2 21	1 57	32 54	13 17	23 47	23 48	21 55			n.a.
W 3	0 2	22 13	3 5	1 5	0 19	11 56	2 57	6 59	0 3	21 14	0 5	1 44	2 50	2 2	0 44	2 20	1 57	32 54	13 17	23 48	23 48	21 56			n.a.
T 4	0s22	24 8	1 59	1 53	0n 2	11 58	2 45	7 16	0 4	21 16	0 5	1 42	2 50	2 3	0 44	2 20	1 57	32 55	13 18	23 48	23 48	21 57			n.a.
F 5	0 47	24 26	0 48	2 38	0 22	11 59	2 34	7 34	0 5	21 18	0 5	1 40	2 50	2 4	0 44	2 19	1 57	32 55	13 18	23 48	23 48	21 58			n.a.
S 6	1 11	23 12	0n25	3 19	0 40	12 0	2 23	7 52	0 5	21 20	0 5	1 38	2 50	2 5	0 44	2 18	1 57	32 55	13 19	23 48	23 48	21 59			n.a.
S 7	1 36	20 36	1 36	3 54	0 58	11 59	2 12	8 9	0 6	21 22	0 5	1 36	2 50	2 6	0 44	2 17	1 57	32 55	13 19	23 48	23 48	22 0			n.a.
M 8	2 0	16 57	2 39	4 24	1 14	11 58	2 1	8 27	0 7	21 24	0 5	1 34	2 50	2 7	0 44	2 16	1 57	32 55	13 19	23 48	23 48	22 1			n.a.
T 9	2 25	12 31	3 34	4 47	1 28	11 56	1 51	8 44	0 7	21 26	0 5	1 32	2 50	2 8	0 44	2 15	1 57	32 55	13 20	23 48	23 48	22 2			n.a.
W10	2 49	7 35	4 16	5 3	1 41	11 53	1 40	9 2	0 8	21 28	0 5	1 30	2 50	2 9	0 44	2 14	1 57	32 55	13 20	23 48	23 48	22 3			n.a.
T 11	3 13	2 25	4 44	5 14	1 51	11 50	1 30	9 19	0 9	21 30	0 5	1 28	2 50	2 9	0 44	2 13	1 57	32 55	13 21	23 48	23 48	22 4			n.a.
F 12	3 37	2n46	4 58	5 18	2 0	11 45	1 20	9 36	0 9	21 32	0 6	1 26	2 50	2 10	0 44	2 12	1 57	32 56	13 21	23 48	23 48	22 5			n.a.
S 13	4 2	7 47	4 58	5 17	2 7	11 40	1 11	9 53	0 10	21 34	0 6	1 24	2 50	2 11	0 44	2 12	1 57	32 56	13 22	23 48	23 48	22 6			n.a.
S 14	4 26	12 24	4 44	5 11	2 13	11 35	1 1	10 11	0 11	21 36	0 6	1 22	2 50	2 12	0 44	2 11	1 57	32 56	13 22	23 49	23 48	22 7			n.a.
M15	4 50	16 29	4 17	5 0	2 17	11 28	0 52	10 28	0 11	21 38	0 6	1 20	2 50	2 13	0 44	2 10	1 57	32 56	13 22	23 49	23 48	22 8			n.a.
T 16	5 14	19 52	3 39	4 44	2 20	11 21	0 43	10 45	0 12	21 41	0 6	1 19	2 50	2 14	0 44	2 9	1 57	32 56	13 23	23 49	23 48	22 9			n.a.
W17	5 38	22 22	2 51	4 25	2 21	11 13	0 34	11 2	0 13	21 43	0 6	1 17	2 50	2 15	0 44	2 8	1 57	32 57	13 23	23 49	23 48	22 10			n.a.
T 18	6 2	23 54	1 57	4 3	2 22	11 5	0 26	11 19	0 13	21 45	0 6	1 15	2 50	2 16	0 44	2 7	1 57	32 57	13 24	23 49	23 48	22 11			n.a.
F 19	6 26	24 22	0 57	3 37	2 21	10 55	0 18	11 35	0 14	21 47	0 6	1 13	2 50	2 17	0 44	2 6	1 57	32 57	13 24	23 49	23 48	22 12			n.a.
S 20	6 49	23 42	0s 6	3 9	2 20	10 45	0 9	11 52	0 15	21 49	0 6	1 11	2 50	2 18	0 44	2 5	1 57	32 57	13 25	23 49	23 48	22 13			n.a.
S 21	7 13	21 57	1 9	2 38	2 18	10 35	0 2	12 9	0 15	21 51	0 6	1 9	2 50	2 19	0 44	2 5	1 57	32 57	13 25	23 49	23 48	22 14			n.a.
M22	7 37	19 8	2 11	2 6	2 15	10 24	0n 6	12 25	0 16	21 53	0 7	1 7	2 50	2 20	0 44	2 4	1 57	32 58	13 26	23 49	23 48	22 15			n.a.
T 23	8 0	15 21	3 8	1 32	2 12	10 12	0 14	12 42	0 17	21 55	0 7	1 5	2 50	2 20	0 44	2 3	1 57	32 58	13 26	23 49	23 49	22 16			n.a.
W24	8 23	10 44	3 57	0 56	2 8	9 59	0 21	12 58	0 17	21 57	0 7	1 4	2 50	2 21	0 44	2 2	1 57	32 58	13 27	23 49	23 49	22 17			n.a.
T 25	8 46	5 26	4 35	0 19	2 3	9 46	0 28	13 14	0 18	21 59	0 7	1 2	2 49	2 22	0 44	2 1	1 57	32 59	13 27	23 49	23 49	22 18			n.a.
F 26	9 10	0s18	4 58	0s19	1 58	9 33	0 35	13 31	0 19	22 2	0 7	1 0	2 49	2 23	0 44	2 0	1 57	32 59	13 28	23 49	23 49	22 19			n.a.
S 27	9 32	6 12	5 2	0 57	1 53	9 18	0 41	13 47	0 19	22 4	0 7	0 58	2 49	2 24	0 44	2 0	1 57	32 59	13 28	23 49	23 49	22 20			n.a.
S 28	9 55	11 54	4 47	1 37	1 48	9 4	0 48	14 2	0 20	22 6	0 7	0 56	2 49	2 25	0 44	1 59	1 57	32 59	13 29	23 49	23 49	22 21			n.a.
M29	10 18	16 58	4 11	2 17	1 42	8 48	0 54	14 18	0 20	22 8	0 7	0 55	2 49	2 25	0 44	1 58	1 57	33 0	13 29	23 49	23 49	22 22			n.a.
T 30	10 40	20 56	3 18	2 57	1 36	8 32	1 0	14 34	0 21	22 10	0 7	0 53	2 49	2 26	0 44	1 57	1 57	33 0	13 30	23 49	23 49	22 23			n.a.
W31	11s 2	23s27	2s11	3s38	1n30	8n16	1n 6	14s50	0s22	22s12	0s 8	0n51	2s49	2s27	0s43	1n56	1n57	33n 0	13n30	23s49	23s49	22n24			n.a.

Julian Day Number = 1354254.5, Delta T = 07h04m36s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'13, Lahiri = -17°50'12 Julian Calendar 1 Oct. 1006 BCE == Greg. Calendar 21 Sept. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

NOVEMBER 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 22	29♎19'34	18♐53	13♎58	12♍43	9♏ 2	8♐45	8°R27	25°R32	29♍39	2♌30	29°R25	0♑51	26♉ 0	n.a.	T 1
F 2	2 4 19	0♏20'44	3♑18	15°28	13°41	9°48	8°58	8♈23	25♓30	29°41	2°30	29°D25	0°48	26° 6	n.a.	F 2
S 3	2 8 16	1°21'54	17°20	16°58	14°39	10°33	9°11	8°18	25°28	29°43	2°30	29♐26	0°45	26°13	n.a.	S 3
S 4	2 12 12	2°23'05	0♒59	18°29	15°37	11°19	9°23	8°14	25°27	29°45	2°31	29°R26	0°42	26°20	n.a.	S 4
M 5	2 16 9	3°24'16	14°17	20° 0	16°36	12° 5	9°36	8°10	25°25	29°47	2°31	29°26	0°39	26°26	n.a.	M 5
T 6	2 20 5	4°25'27	27°16	21°31	17°36	12°50	9°49	8° 6	25°23	29°49	2°31	29°23	0°35	26°33	n.a.	T 6
W 7	2 24 2	5°26'39	10♓ 0	23° 2	18°36	13°36	10° 1	8° 1	25°21	29°51	2°32	29°18	0°32	26°40	n.a.	W 7
T 8	2 27 58	6°27'51	22°31	24°34	19°36	14°22	10°14	7°57	25°20	29°53	2°32	29°10	0°29	26°46	n.a.	T 8
F 9	2 31 55	7°29'04	4♈51	26° 6	20°37	15° 8	10°27	7°53	25°18	29°55	2°32	29° 1	0°26	26°53	n.a.	F 9
S 10	2 35 51	8°30'17	17° 2	27°38	21°39	15°54	10°40	7°49	25°16	29°57	2°32	28°51	0°23	27° 0	n.a.	S 10
S 11	2 39 48	9°31'31	29° 5	29°11	22°40	16°40	10°53	7°46	25°15	29°59	2°32	28°41	0°20	27° 6	n.a.	S 11
M12	2 43 45	10°32'45	11♉ 2	0♏43	23°42	17°26	11° 6	7°42	25°13	0♎ 1	2°32	28°32	0°16	27°13	n.a.	M12
T 13	2 47 41	11°33'59	22°54	2°16	24°45	18°12	11°19	7°38	25°12	0° 2	2°32	28°24	0°13	27°20	n.a.	T 13
W14	2 51 38	12°35'14	4♊43	3°49	25°48	18°58	11°33	7°35	25°10	0° 4	2°R33	28°19	0°10	27°26	n.a.	W14
T 15	2 55 34	13°36'30	16°31	5°22	26°51	19°44	11°46	7°31	25° 9	0° 6	2°33	28°16	0° 7	27°33	n.a.	T 15
F 16	2 59 31	14°37'46	28°20	6°55	27°55	20°30	11°59	7°28	25° 7	0° 8	2°32	28°D15	0° 4	27°40	n.a.	F 16
S 17	3 3 27	15°39'03	10♋15	8°29	28°59	21°16	12°13	7°24	25° 6	0° 9	2°32	28°16	0° 1	27°46	n.a.	S 17
S 18	3 7 24	16°40'20	22°18	10° 2	0♎ 3	22° 3	12°26	7°21	25° 5	0°11	2°32	28°17	29♐57	27°53	n.a.	S 18
M19	3 11 21	17°41'37	4♌36	11°36	1° 7	22°49	12°40	7°18	25° 4	0°13	2°32	28°19	29°54	28° 0	n.a.	M19
T 20	3 15 17	18°42'55	17°12	13°10	2°12	23°35	12°53	7°15	25° 2	0°14	2°32	28°R20	29°51	28° 6	n.a.	T 20
W21	3 19 14	19°44'13	0♍11	14°45	3°18	24°22	13° 7	7°12	25° 1	0°16	2°32	28°19	29°48	28°13	n.a.	W21
T 22	3 23 10	20°45'31	13°37	16°19	4°23	25° 8	13°20	7° 9	25° 0	0°18	2°32	28°17	29°45	28°20	n.a.	T 22
F 23	3 27 7	21°46'50	27°32	17°54	5°29	25°54	13°34	7° 6	24°59	0°19	2°31	28°13	29°41	28°26	n.a.	F 23
S 24	3 31 3	22°48'09	11♎56	19°29	6°35	26°41	13°47	7° 3	24°58	0°21	2°31	28° 8	29°38	28°33	n.a.	S 24
S 25	3 35 0	23°49'29	26°45	21° 5	7°41	27°27	14° 1	7° 1	24°57	0°22	2°31	28° 3	29°35	28°40	n.a.	S 25
M26	3 38 56	24°50'48	11♏52	22°41	8°47	28°14	14°15	6°58	24°56	0°24	2°30	27°58	29°32	28°46	n.a.	M26
T 27	3 42 53	25°52'07	27° 9	24°17	9°54	29° 0	14°29	6°56	24°55	0°25	2°30	27°54	29°29	28°53	n.a.	T 27
W28	3 46 50	26°53'27	12♐23	25°53	11° 1	29°47	14°43	6°54	24°54	0°27	2°30	27°51	29°26	29° 0	n.a.	W28
T 29	3 50 46	27°54'46	27°26	27°30	12° 8	0♐34	14°56	6°51	24°54	0°28	2°29	27°D50	29°22	29° 6	n.a.	T 29
F 30	3 54 43	28♏56'05	12♑ 9	29♏ 7	13♎16	1♐20	15♐10	6♈49	24♓53	0♎30	2♌29	27♐51	29♐19	29♉13	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11 s24	24 s16	0 s56	4 s19	1n23	7n59	1n12	15 s 5	0 s22	22 s14	0 s 8	0n50	2 s48	2 s28	0 s43	1n56	1n57	33n 1	13n30	23 s49	23 s49	22n25		n.a.
F 2	11 46	23 26	0n21	5 0	1 17	7 42	1 17	15 20	0 23	22 16	0 8	0 48	2 48	2 29	0 43	1 55	1 57	33 1	13 31	23 49	23 49	22 26		n.a.
S 3	12 8	21 7	1 34	5 41	1 10	7 24	1 22	15 36	0 24	22 18	0 8	0 46	2 48	2 29	0 43	1 54	1 57	33 2	13 31	23 49	23 49	22 27		n.a.
S 4	12 29	17 38	2 41	6 23	1 3	7 6	1 27	15 51	0 24	22 20	0 8	0 45	2 48	2 30	0 43	1 53	1 57	33 2	13 32	23 49	23 49	22 28		n.a.
M 5	12 51	13 21	3 37	7 4	0 57	6 47	1 32	16 6	0 25	22 22	0 8	0 43	2 48	2 31	0 43	1 53	1 57	33 2	13 32	23 49	23 49	22 29		n.a.
T 6	13 12	8 33	4 20	7 45	0 50	6 27	1 37	16 20	0 26	22 24	0 8	0 42	2 48	2 31	0 43	1 52	1 57	33 3	13 33	23 49	23 49	22 29		n.a.
W 7	13 33	3 29	4 49	8 26	0 43	6 8	1 41	16 35	0 26	22 26	0 8	0 40	2 47	2 32	0 43	1 51	1 58	33 3	13 33	23 49	23 49	22 30		n.a.
T 8	13 53	1n38	5 4	9 6	0 36	5 48	1 46	16 50	0 27	22 28	0 8	0 39	2 47	2 33	0 43	1 50	1 58	33 4	13 34	23 49	23 49	22 31		n.a.
F 9	14 13	6 36	5 5	9 47	0 29	5 27	1 50	17 4	0 27	22 30	0 8	0 38	2 47	2 33	0 43	1 50	1 58	33 4	13 34	23 49	23 49	22 32		n.a.
S 10	14 34	11 16	4 51	10 27	0 22	5 6	1 54	17 18	0 28	22 32	0 9	0 36	2 47	2 34	0 43	1 49	1 58	33 4	13 35	23 49	23 49	22 33		n.a.
S 11	14 53	15 26	4 25	11 7	0 15	4 45	1 57	17 32	0 29	22 34	0 9	0 35	2 47	2 35	0 43	1 48	1 58	33 5	13 35	23 49	23 49	22 34		n.a.
M12	15 13	18 57	3 47	11 46	0 9	4 23	2 1	17 46	0 29	22 36	0 9	0 34	2 46	2 35	0 43	1 47	1 58	33 5	13 36	23 48	23 49	22 35		n.a.
T 13	15 32	21 40	2 59	12 25	0 2	4 1	2 5	18 0	0 30	22 38	0 9	0 32	2 46	2 36	0 43	1 47	1 58	33 6	13 36	23 48	23 49	22 36		n.a.
W14	15 51	23 27	2 4	13 4	0 s 5	3 39	2 8	18 13	0 30	22 40	0 9	0 31	2 46	2 36	0 43	1 46	1 58	33 6	13 37	23 48	23 49	22 36		n.a.
T 15	16 10	24 10	1 3	13 42	0 11	3 16	2 11	18 27	0 31	22 42	0 9	0 30	2 46	2 37	0 43	1 45	1 58	33 7	13 37	23 48	23 49	22 37		n.a.
F 16	16 29	23 48	0 s 0	14 19	0 18	2 53	2 14	18 40	0 32	22 44	0 9	0 29	2 46	2 37	0 43	1 45	1 58	33 7	13 38	23 48	23 49	22 38		n.a.
S 17	16 47	22 20	1 5	14 56	0 25	2 30	2 16	18 53	0 32	22 46	0 9	0 28	2 45	2 38	0 43	1 44	1 58	33 8	13 38	23 48	23 49	22 39		n.a.
S 18	17 5	19 51	2 7	15 33	0 31	2 6	2 19	19 6	0 33	22 48	0 9	0 26	2 45	2 38	0 43	1 43	1 58	33 8	13 39	23 48	23 49	22 40		n.a.
M19	17 22	16 25	3 5	16 8	0 37	1 42	2 21	19 18	0 33	22 50	0 9	0 25	2 45	2 39	0 43	1 43	1 58	33 9	13 39	23 48	23 49	22 41		n.a.
T 20	17 40	12 12	3 55	16 43	0 43	1 18	2 24	19 31	0 34	22 51	0 10	0 24	2 45	2 39	0 43	1 42	1 58	33 9	13 40	23 48	23 49	22 41		n.a.
W21	17 57	7 18	4 35	17 18	0 49	0 54	2 26	19 43	0 35	22 53	0 10	0 23	2 44	2 40	0 43	1 42	1 58	33 10	13 40	23 48	23 49	22 42		n.a.
T 22	18 13	1 54	5 2	17 51	0 55	0 29	2 28	19 55	0 35	22 55	0 10	0 23	2 44	2 40	0 43	1 41	1 58	33 10	13 41	23 48	23 49	22 43		n.a.
F 23	18 30	3 s45	5 12	18 24	1 1	0 4	2 30	20 7	0 36	22 57	0 10	0 22	2 44	2 41	0 43	1 40	1 58	33 11	13 41	23 48	23 49	22 44		n.a.
S 24	18 46	9 25	5 3	18 56	1 6	0 s21	2 31	20 18	0 36	22 59	0 10	0 21	2 44	2 41	0 43	1 40	1 58	33 11	13 42	23 48	23 49	22 45		n.a.
S 25	19 1	14 43	4 34	19 28	1 12	0 46	2 33	20 30	0 37	23 0	0 10	0 20	2 43	2 41	0 43	1 39	1 58	33 12	13 42	23 48	23 49	22 45		n.a.
M26	19 17	19 12	3 45	19 58	1 17	1 11	2 34	20 41	0 38	23 2	0 10	0 19	2 43	2 42	0 43	1 39	1 58	33 12	13 43	23 48	23 49	22 46		n.a.
T 27	19 32	22 25	2 40	20 27	1 22	1 37	2 35	20 52	0 38	23 4	0 10	0 19	2 43	2 42	0 43	1 38	1 59	33 13	13 43	23 48	23 49	22 47		n.a.
W28	19 46	24 1	1 24	20 56	1 27	2 2	2 36	21 3	0 39	23 6	0 10	0 18	2 42	2 42	0 43	1 38	1 59	33 13	13 43	23 48	23 49	22 48		n.a.
T 29	20 0	23 50	0 2	21 23	1 31	2 28	2 37	21 14	0 39	23 7	0 10	0 17	2 42	2 42	0 43	1 37	1 59	33 14	13 44	23 48	23 49	22 48		n.a.
F 30	20 s14	21 s57	1n18	21 s50	1 s36	2 s54	2n38	21 s24	0 s40	23 s 9	0 s11	0n17	2 s42	2 s43	0 s42	1n37	1n59	33n15	13n44	23 s48	23 s49	22n49		n.a.

Julian Day Number = 1354285.5, Delta T = 07h04m34s
Ecliptic obliquity = 23°48'55, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'09, Lahiri = -17°50'08 Julian Calendar 1 Nov. 1006 BCE == Greg. Calendar 22 Oct. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1006 BCE
geocentric

DECEMBER 1006 BCE (-1005) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 58 39	29♏57'23	26♉28	0♐45	14♎23	2♐ 7	15♐24	6°R47	24°R52	0♎31	2°R28	27♐52	29♐16	29♉20	n.a.	S 1
S 2	4 2 36	0♐58'40	10♒20	2°23	15°31	2°54	15°38	6♈46	24♓52	0°32	2♌28	27°54	29°13	29°26	n.a.	S 2
M 3	4 6 32	1°59'57	23°46	4° 1	16°39	3°40	15°52	6°44	24°51	0°34	2°27	27°55	29°10	29°33	n.a.	M 3
T 4	4 10 29	3° 1'13	6♓48	5°40	17°47	4°27	16° 6	6°42	24°51	0°35	2°26	27°R55	29° 6	29°40	n.a.	T 4
W 5	4 14 25	4° 2'28	19°29	7°19	18°55	5°14	16°20	6°41	24°50	0°36	2°26	27°54	29° 3	29°46	n.a.	W 5
T 6	4 18 22	5° 3'42	1♈53	8°59	20° 4	6° 1	16°34	6°39	24°50	0°37	2°25	27°52	29° 0	29°53	n.a.	T 6
F 7	4 22 19	6° 4'56	14° 4	10°39	21°12	6°48	16°48	6°38	24°49	0°39	2°24	27°49	28°57	29°59	n.a.	F 7
S 8	4 26 15	7° 6'09	26° 6	12°19	22°21	7°35	17° 2	6°37	24°49	0°40	2°24	27°46	28°54	0♊ 6	n.a.	S 8
S 9	4 30 12	8° 7'21	8♉ 1	14° 0	23°30	8°21	17°16	6°36	24°49	0°41	2°23	27°42	28°51	0°13	n.a.	S 9
M10	4 34 8	9° 8'33	19°51	15°41	24°39	9° 8	17°30	6°35	24°49	0°42	2°22	27°39	28°47	0°20	n.a.	M10
T 11	4 38 5	10° 9'43	1♊40	17°23	25°48	9°55	17°45	6°34	24°48	0°43	2°21	27°36	28°44	0°26	n.a.	T 11
W12	4 42 1	11°10'53	13°29	19° 5	26°58	10°42	17°59	6°33	24°48	0°44	2°21	27°35	28°41	0°33	n.a.	W12
T 13	4 45 58	12°12'03	25°21	20°47	28° 7	11°29	18°13	6°32	24°D48	0°45	2°20	27°D34	28°38	0°40	n.a.	T 13
F 14	4 49 55	13°13'11	7♋16	22°29	29°17	12°16	18°27	6°32	24°48	0°46	2°19	27°35	28°35	0°46	n.a.	F 14
S 15	4 53 51	14°14'19	19°19	24°12	0♏27	13° 3	18°41	6°31	24°48	0°47	2°18	27°35	28°32	0°53	n.a.	S 15
S 16	4 57 48	15°15'26	1♌30	25°54	1°36	13°50	18°55	6°31	24°48	0°48	2°17	27°37	28°28	1° 0	n.a.	S 16
M17	5 1 44	16°16'32	13°54	27°37	2°47	14°37	19°10	6°31	24°49	0°49	2°16	27°38	28°25	1° 6	n.a.	M17
T 18	5 5 41	17°17'38	26°33	29°19	3°57	15°24	19°24	6°D31	24°49	0°50	2°15	27°39	28°22	1°13	n.a.	T 18
W19	5 9 37	18°18'42	9♍31	1♎ 0	5° 7	16°12	19°38	6°31	24°49	0°50	2°14	27°39	28°19	1°20	n.a.	W19
T 20	5 13 34	19°19'46	22°50	2°41	6°17	16°59	19°52	6°31	24°49	0°51	2°13	27°R39	28°16	1°26	n.a.	T 20
F 21	5 17 30	20°20'50	6♎33	4°21	7°28	17°46	20° 6	6°31	24°50	0°52	2°12	27°39	28°12	1°33	n.a.	F 21
S 22	5 21 27	21°21'52	20°41	6° 0	8°38	18°33	20°21	6°32	24°50	0°53	2°11	27°39	28° 9	1°40	n.a.	S 22
S 23	5 25 24	22°22'54	5♏12	7°38	9°49	19°20	20°35	6°32	24°51	0°53	2°10	27°38	28° 6	1°46	n.a.	S 23
M24	5 29 20	23°23'54	20° 2	9°14	11° 0	20° 7	20°49	6°33	24°51	0°54	2° 9	27°37	28° 3	1°53	n.a.	M24
T 25	5 33 17	24°24'54	5♐ 6	10°47	12°10	20°55	21° 3	6°34	24°52	0°55	2° 7	27°37	28° 0	2° 0	n.a.	T 25
W26	5 37 13	25°25'53	20°14	12°17	13°21	21°42	21°17	6°34	24°52	0°55	2° 6	27°D37	27°57	2° 6	n.a.	W26
T 27	5 41 10	26°26'51	5♑18	13°44	14°32	22°29	21°32	6°35	24°53	0°56	2° 5	27°37	27°53	2°13	n.a.	T 27
F 28	5 45 6	27°27'47	20° 8	15° 7	15°43	23°16	21°46	6°37	24°54	0°56	2° 4	27°R37	27°50	2°20	n.a.	F 28
S 29	5 49 3	28°28'42	4♒37	16°26	16°54	24° 3	22° 0	6°38	24°55	0°57	2° 3	27°37	27°47	2°26	n.a.	S 29
S 30	5 53 0	29°29'35	18°42	17°39	18° 6	24°51	22°14	6°39	24°55	0°57	2° 1	27°37	27°44	2°33	n.a.	S 30
M31	5 56 56	0♑30'26	2♓19	18♑46	19♏17	25♐38	22♐28	6♈40	24♓56	0♎58	2♌ 0	27♐37	27♐41	2♊40	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s28	18s43	2n31	22s15	1s40	3s20	2n39	21s34	0s40	23s11	0s11	0n16	2s42	2s43	0s42	1n36	1n59	33n15	13n45	23s48	23s49	22n50		n.a.
S 2	20 41	14 31	3 33	22 39	1 43	3 46	2 39	21 44	0 41	23 12	0 11	0 16	2 41	2 43	0 42	1 36	1 59	33 16	13 45	23 48	23 49	22 51		n.a.
M 3	20 53	9 43	4 21	23 2	1 47	4 12	2 40	21 54	0 41	23 14	0 11	0 15	2 41	2 43	0 42	1 35	1 59	33 16	13 46	23 48	23 49	22 51		n.a.
T 4	21 5	4 37	4 54	23 24	1 50	4 38	2 40	22 3	0 42	23 16	0 11	0 15	2 41	2 44	0 42	1 35	1 59	33 17	13 46	23 48	23 49	22 52		n.a.
W 5	21 17	0n32	5 11	23 44	1 53	5 4	2 40	22 12	0 42	23 17	0 11	0 15	2 40	2 44	0 42	1 34	1 59	33 17	13 47	23 48	23 49	22 53		n.a.
T 6	21 29	5 33	5 14	24 3	1 56	5 30	2 40	22 21	0 43	23 19	0 11	0 14	2 40	2 44	0 42	1 34	1 59	33 18	13 47	23 48	23 49	22 54		n.a.
F 7	21 40	10 16	5 2	24 20	1 58	5 56	2 40	22 30	0 44	23 20	0 11	0 14	2 40	2 44	0 42	1 33	1 59	33 19	13 48	23 48	23 49	22 54		n.a.
S 8	21 50	14 32	4 37	24 36	2 0	6 22	2 39	22 38	0 44	23 22	0 11	0 14	2 40	2 44	0 42	1 33	1 59	33 19	13 48	23 48	23 49	22 55		n.a.
S 9	22 0	18 11	4 1	24 51	2 1	6 48	2 39	22 47	0 45	23 23	0 11	0 14	2 39	2 44	0 42	1 33	1 59	33 20	13 48	23 48	23 49	22 56		n.a.
M10	22 10	21 5	3 14	25 4	2 2	7 14	2 39	22 55	0 45	23 25	0 12	0 13	2 39	2 44	0 42	1 32	1 59	33 20	13 49	23 48	23 49	22 56		n.a.
T 11	22 19	23 5	2 18	25 15	2 3	7 41	2 38	23 2	0 46	23 26	0 12	0 13	2 39	2 44	0 42	1 32	1 59	33 21	13 49	23 48	23 49	22 57		n.a.
W12	22 28	24 3	1 17	25 24	2 3	8 7	2 37	23 10	0 46	23 27	0 12	0 13	2 38	2 44	0 42	1 31	1 59	33 22	13 50	23 48	23 48	22 58		n.a.
T 13	22 37	23 56	0 12	25 32	2 3	8 32	2 36	23 17	0 47	23 29	0 12	0 13	2 38	2 44	0 42	1 31	2 0	33 22	13 50	23 48	23 48	22 58		n.a.
F 14	22 45	22 43	0s54	25 38	2 2	8 58	2 35	23 24	0 47	23 30	0 12	0 14	2 38	2 44	0 42	1 31	2 0	33 23	13 50	23 48	23 48	22 59		n.a.
S 15	22 52	20 27	1 58	25 42	2 1	9 24	2 34	23 30	0 48	23 32	0 12	0 14	2 37	2 44	0 42	1 30	2 0	33 23	13 51	23 48	23 48	23 0		n.a.
S 16	22 59	17 15	2 57	25 44	1 59	9 50	2 33	23 37	0 48	23 33	0 12	0 14	2 37	2 44	0 42	1 30	2 0	33 24	13 51	23 48	23 48	23 0		n.a.
M17	23 6	13 15	3 50	25 44	1 56	10 15	2 32	23 43	0 49	23 34	0 12	0 14	2 37	2 44	0 42	1 30	2 0	33 25	13 52	23 48	23 48	23 1		n.a.
T 18	23 12	8 36	4 32	25 42	1 53	10 40	2 31	23 49	0 49	23 35	0 12	0 14	2 36	2 44	0 42	1 30	2 0	33 25	13 52	23 48	23 48	23 2		n.a.
W19	23 17	3 28	5 2	25 38	1 49	11 5	2 29	23 54	0 49	23 37	0 13	0 15	2 36	2 44	0 42	1 29	2 0	33 26	13 52	23 48	23 48	23 2		n.a.
T 20	23 23	1s57	5 17	25 32	1 45	11 30	2 28	24 0	0 50	23 38	0 13	0 15	2 36	2 43	0 42	1 29	2 0	33 27	13 53	23 48	23 48	23 3		n.a.
F 21	23 27	7 26	5 14	25 24	1 39	11 55	2 26	24 5	0 50	23 39	0 13	0 15	2 35	2 43	0 42	1 29	2 0	33 27	13 53	23 48	23 48	23 3		n.a.
S 22	23 32	12 42	4 53	25 14	1 33	12 20	2 24	24 9	0 51	23 40	0 13	0 16	2 35	2 43	0 42	1 29	2 0	33 28	13 53	23 48	23 48	23 4		n.a.
S 23	23 35	17 24	4 12	25 1	1 26	12 44	2 22	24 14	0 51	23 41	0 13	0 16	2 35	2 43	0 42	1 28	2 0	33 28	13 54	23 48	23 48	23 5		n.a.
M24	23 39	21 8	3 14	24 47	1 18	13 8	2 21	24 18	0 52	23 43	0 13	0 17	2 34	2 43	0 42	1 28	2 0	33 29	13 54	23 48	23 48	23 5		n.a.
T 25	23 42	23 29	2 2	24 32	1 10	13 32	2 19	24 22	0 52	23 44	0 13	0 17	2 34	2 42	0 41	1 28	2 0	33 30	13 55	23 48	23 48	23 6		n.a.
W26	23 44	24 8	0 41	24 14	1 0	13 55	2 17	24 26	0 53	23 45	0 13	0 18	2 34	2 42	0 41	1 28	2 0	33 30	13 55	23 48	23 48	23 6		n.a.
T 27	23 46	23 0	0n43	23 55	0 50	14 19	2 14	24 29	0 53	23 46	0 13	0 19	2 34	2 42	0 41	1 28	2 0	33 31	13 55	23 48	23 48	23 7		n.a.
F 28	23 47	20 16	2 2	23 34	0 38	14 42	2 12	24 32	0 54	23 47	0 14	0 19	2 33	2 41	0 41	1 28	2 1	33 31	13 56	23 48	23 48	23 8		n.a.
S 29	23 48	16 18	3 12	23 13	0 26	15 4	2 10	24 35	0 54	23 48	0 14	0 20	2 33	2 41	0 41	1 27	2 1	33 32	13 56	23 48	23 48	23 8		n.a.
S 30	23 49	11 32	4 8	22 50	0 13	15 27	2 8	24 37	0 54	23 49	0 14	0 21	2 33	2 41	0 41	1 27	2 1	33 33	13 56	23 48	23 48	23 9		n.a.
M31	23s49	6s21	4n48	22s27	0n 2	15s49	2n 5	24s39	0s55	23s50	0s14	0n22	2s32	2s40	0s41	1n27	2n 1	33n33	13n56	23s48	23s48	23n 9		n.a.

Julian Day Number = 1354315.5, Delta T = 07h04m33s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'04, Lahiri = -17°50'04 Julian Calendar 1 Dec. 1006 BCE == Greg. Calendar 21 Nov. 1006 BCE

The year -1005 astronomical counting style corresponds to year 1006 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

JANUARY 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 0 53	1♉31'15	15♓30	19♉46	20♏28	26♐25	22♐42	6♈42	24♓57	0♎58	1°R59	27°R36	27♐38	2♊46	n.a.	T 1
W 2	6 4 49	2°32'03	28°16	20°38	21°40	27°13	22°56	6°44	24°58	0°58	1♌58	27°D36	27°34	2°53	n.a.	W 2
T 3	6 8 46	3°32'49	10♈42	21°22	22°51	28° 0	23°11	6°45	24°59	0°59	1°56	27♐36	27°31	3° 0	n.a.	T 3
F 4	6 12 42	4°33'34	22°52	21°57	24° 3	28°47	23°25	6°47	25° 0	0°59	1°55	27°36	27°28	3° 6	n.a.	F 4
S 5	6 16 39	5°34'16	4♉50	22°22	25°14	29°34	23°39	6°49	25° 1	0°59	1°53	27°37	27°25	3°13	n.a.	S 5
S 6	6 20 35	6°34'57	16°41	22°37	26°26	0♉22	23°53	6°51	25° 3	0°59	1°52	27°38	27°22	3°20	n.a.	S 6
M 7	6 24 32	7°35'36	28°29	22°R41	27°37	1° 9	24° 7	6°54	25° 4	1° 0	1°51	27°39	27°18	3°26	n.a.	M 7
T 8	6 28 29	8°36'13	10♊17	22°35	28°49	1°56	24°21	6°56	25° 5	1° 0	1°49	27°40	27°15	3°33	n.a.	T 8
W 9	6 32 25	9°36'49	22° 9	22°18	0♐ 1	2°43	24°35	6°58	25° 6	1° 0	1°48	27°R41	27°12	3°40	n.a.	W 9
T 10	6 36 22	10°37'23	4♋ 7	21°51	1°13	3°31	24°49	7° 1	25° 8	1° 0	1°46	27°40	27° 9	3°46	n.a.	T 10
F 11	6 40 18	11°37'55	16°13	21°14	2°25	4°18	25° 3	7° 4	25° 9	1° 0	1°45	27°40	27° 6	3°53	n.a.	F 11
S 12	6 44 15	12°38'25	28°29	20°29	3°36	5° 5	25°16	7° 6	25°11	1°R 0	1°44	27°38	27° 3	4° 0	n.a.	S 12
S 13	6 48 11	13°38'54	10♌56	19°37	4°48	5°53	25°30	7° 9	25°12	1° 0	1°42	27°36	26°59	4° 6	n.a.	S 13
M14	6 52 8	14°39'20	23°35	18°38	6° 0	6°40	25°44	7°12	25°14	1° 0	1°41	27°34	26°56	4°13	n.a.	M14
T 15	6 56 4	15°39'46	6♍28	17°35	7°12	7°27	25°58	7°15	25°16	1° 0	1°39	27°31	26°53	4°20	n.a.	T 15
W16	7 0 1	16°40'09	19°35	16°30	8°24	8°14	26°12	7°18	25°17	1° 0	1°38	27°29	26°50	4°26	n.a.	W16
T 17	7 3 58	17°40'31	2♎58	15°23	9°37	9° 2	26°25	7°22	25°19	0°59	1°36	27°27	26°47	4°33	n.a.	T 17
F 18	7 7 54	18°40'52	16°37	14°18	10°49	9°49	26°39	7°25	25°21	0°59	1°35	27°D26	26°44	4°40	n.a.	F 18
S 19	7 11 51	19°41'10	0♏34	13°14	12° 1	10°36	26°53	7°28	25°22	0°59	1°33	27°27	26°40	4°46	n.a.	S 19
S 20	7 15 47	20°41'28	14°46	12°14	13°13	11°23	27° 7	7°32	25°24	0°59	1°32	27°28	26°37	4°53	n.a.	S 20
M21	7 19 44	21°41'44	29°14	11°19	14°25	12°11	27°20	7°36	25°26	0°58	1°30	27°29	26°34	5° 0	n.a.	M21
T 22	7 23 40	22°41'58	13♐53	10°29	15°38	12°58	27°34	7°39	25°28	0°58	1°29	27°30	26°31	5° 6	n.a.	T 22
W23	7 27 37	23°42'10	28°38	9°46	16°50	13°45	27°47	7°43	25°30	0°58	1°27	27°R31	26°28	5°13	n.a.	W23
T 24	7 31 33	24°42'21	13♑24	9° 9	18° 2	14°32	28° 1	7°47	25°32	0°57	1°25	27°30	26°24	5°19	n.a.	T 24
F 25	7 35 30	25°42'29	28° 3	8°39	19°15	15°20	28°14	7°51	25°34	0°57	1°24	27°28	26°21	5°26	n.a.	F 25
S 26	7 39 27	26°42'36	12♒28	8°16	20°27	16° 7	28°27	7°55	25°36	0°57	1°22	27°24	26°18	5°33	n.a.	S 26
S 27	7 43 23	27°42'40	26°34	8° 0	21°40	16°54	28°41	7°59	25°38	0°56	1°21	27°20	26°15	5°39	n.a.	S 27
M28	7 47 20	28°42'42	10♓15	7°51	22°52	17°41	28°54	8° 4	25°41	0°56	1°19	27°15	26°12	5°46	n.a.	M28
T 29	7 51 16	29°42'42	23°32	7°D49	24° 4	18°28	29° 7	8° 8	25°43	0°55	1°18	27°10	26° 9	5°53	n.a.	T 29
W30	7 55 13	0♒42'39	6♈24	7°53	25°17	19°15	29°20	8°13	25°45	0°54	1°16	27° 6	26° 5	5°59	n.a.	W30
T 31	7 59 9	1♒42'35	18♈54	8♉ 2	26♐29	20♉ 3	29♐34	8♈17	25♓47	0♎54	1♌14	27♐ 4	26♐ 2	6♊ 6	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s48	1s 2	5n11	22s 4	0n17	16s10	2n 3	24s41	0s55	23s51	0s14	0n23	2s32	2s40	0s41	1n27	2n 1	33n34	13n57	23s48	23s48	23n10		n.a.	
W 2	23 47	4n 9	5 18	21 40	0 32	16 32	2 0	24 43	0 56	23 51	0 14	0 24	2 32	2 39	0 41	1 27	2 1	33 35	13 57	23 48	23 48	23 10		n.a.	
T 3	23 46	9 2	5 10	21 17	0 49	16 53	1 58	24 44	0 56	23 52	0 14	0 25	2 31	2 39	0 41	1 27	2 1	33 35	13 57	23 48	23 47	23 11		n.a.	
F 4	23 44	13 28	4 48	20 55	1 6	17 13	1 55	24 45	0 56	23 53	0 14	0 26	2 31	2 38	0 41	1 27	2 1	33 36	13 58	23 48	23 47	23 12		n.a.	
S 5	23 42	17 18	4 13	20 34	1 23	17 33	1 52	24 46	0 57	23 54	0 14	0 27	2 31	2 38	0 41	1 27	2 1	33 36	13 58	23 48	23 47	23 12		n.a.	
S 6	23 39	20 25	3 29	20 14	1 40	17 53	1 50	24 46	0 57	23 55	0 15	0 28	2 30	2 37	0 41	1 27	2 1	33 37	13 58	23 48	23 47	23 13		n.a.	
M 7	23 36	22 39	2 35	19 56	1 58	18 12	1 47	24 46	0 57	23 56	0 15	0 29	2 30	2 37	0 41	1 27	2 1	33 38	13 58	23 48	23 47	23 13		n.a.	
T 8	23 32	23 54	1 35	19 40	2 15	18 31	1 44	24 46	0 58	23 56	0 15	0 30	2 30	2 36	0 41	1 27	2 1	33 38	13 59	23 48	23 47	23 14		n.a.	
W 9	23 28	24 5	0 31	19 27	2 31	18 50	1 41	24 45	0 58	23 57	0 15	0 32	2 29	2 36	0 41	1 27	2 1	33 39	13 59	23 48	23 47	23 14		n.a.	
T 10	23 23	23 9	0s36	19 16	2 47	19 7	1 38	24 45	0 59	23 58	0 15	0 33	2 29	2 35	0 41	1 27	2 1	33 39	13 59	23 48	23 47	23 15		n.a.	
F 11	23 18	21 8	1 41	19 7	3 2	19 25	1 35	24 43	0 59	23 58	0 15	0 34	2 29	2 35	0 41	1 27	2 2	33 40	13 59	23 48	23 47	23 15		n.a.	
S 12	23 12	18 8	2 43	19 1	3 15	19 42	1 32	24 42	0 59	23 59	0 15	0 36	2 29	2 34	0 41	1 27	2 2	33 40	14 0	23 48	23 47	23 16		n.a.	
S 13	23 6	14 17	3 37	18 57	3 26	19 58	1 29	24 40	1 0	24 0	0 15	0 37	2 28	2 33	0 41	1 27	2 2	33 41	14 0	23 48	23 47	23 16		n.a.	
M14	23 0	9 45	4 22	18 56	3 36	20 14	1 26	24 38	1 0	24 0	0 16	0 39	2 28	2 33	0 41	1 27	2 2	33 42	14 0	23 48	23 47	23 17		n.a.	
T 15	22 53	4 43	4 55	18 57	3 43	20 29	1 23	24 36	1 0	24 1	0 16	0 40	2 28	2 32	0 41	1 27	2 2	33 42	14 0	23 47	23 47	23 17		n.a.	
W16	22 45	0s36	5 13	19 0	3 49	20 44	1 20	24 34	1 1	24 1	0 16	0 42	2 27	2 31	0 41	1 27	2 2	33 43	14 0	23 47	23 47	23 17		n.a.	
T 17	22 38	5 59	5 14	19 5	3 52	20 59	1 17	24 31	1 1	24 2	0 16	0 43	2 27	2 31	0 41	1 28	2 2	33 43	14 1	23 47	23 46	23 18		n.a.	
F 18	22 29	11 12	4 58	19 11	3 52	21 12	1 14	24 28	1 1	24 2	0 16	0 45	2 27	2 30	0 41	1 28	2 2	33 44	14 1	23 47	23 46	23 18		n.a.	
S 19	22 21	15 58	4 25	19 19	3 51	21 25	1 10	24 24	1 1	24 3	0 16	0 46	2 26	2 29	0 41	1 28	2 2	33 44	14 1	23 47	23 46	23 19		n.a.	
S 20	22 12	19 56	3 34	19 28	3 47	21 38	1 7	24 21	1 2	24 3	0 16	0 48	2 26	2 28	0 40	1 28	2 2	33 45	14 1	23 47	23 46	23 19		n.a.	
M21	22 2	22 44	2 30	19 38	3 42	21 50	1 4	24 17	1 2	24 4	0 16	0 50	2 26	2 27	0 40	1 28	2 2	33 45	14 1	23 47	23 46	23 20		n.a.	
T 22	21 52	24 3	1 14	19 49	3 35	22 1	1 1	24 12	1 2	24 4	0 17	0 52	2 26	2 27	0 40	1 28	2 2	33 46	14 1	23 47	23 46	23 20		n.a.	
W23	21 42	23 42	0n 6	20 1	3 26	22 12	0 57	24 8	1 3	24 4	0 17	0 53	2 25	2 26	0 40	1 29	2 2	33 46	14 2	23 47	23 46	23 21		n.a.	
T 24	21 31	21 42	1 26	20 13	3 17	22 22	0 54	24 3	1 3	24 5	0 17	0 55	2 25	2 25	0 40	1 29	2 2	33 47	14 2	23 47	23 46	23 21		n.a.	
F 25	21 20	18 16	2 40	20 26	3 6	22 32	0 51	23 58	1 3	24 5	0 17	0 57	2 25	2 24	0 40	1 29	2 3	33 47	14 2	23 47	23 46	23 21		n.a.	
S 26	21 9	13 47	3 42	20 39	2 55	22 40	0 48	23 52	1 3	24 5	0 17	0 59	2 24	2 23	0 40	1 29	2 3	33 48	14 2	23 47	23 46	23 22		n.a.	
S 27	20 57	8 39	4 29	20 52	2 43	22 49	0 44	23 47	1 4	24 6	0 17	1 1	2 24	2 22	0 40	1 30	2 3	33 48	14 2	23 47	23 46	23 22		n.a.	
M28	20 44	3 14	4 59	21 5	2 30	22 56	0 41	23 41	1 4	24 6	0 17	1 3	2 24	2 21	0 40	1 30	2 3	33 49	14 2	23 47	23 46	23 23		n.a.	
T 29	20 32	2n 9	5 12	21 17	2 18	23 3	0 38	23 35	1 4	24 6	0 17	1 5	2 24	2 21	0 40	1 30	2 3	33 49	14 2	23 47	23 45	23 23		n.a.	
W30	20 19	7 17	5 9	21 30	2 5	23 9	0 35	23 28	1 4	24 6	0 18	1 7	2 23	2 20	0 40	1 30	2 3	33 50	14 2	23 47	23 45	23 23		n.a.	
T 31	20s 5	11n59	4n50	21s42	1n52	23s15	0n31	23s21	1s 4	24s 7	0s18	1n 9	2s23	2s19	0s40	1n31	2n 3	33n50	14n 2	23s47	23s45	23n24		n.a.	

Julian Day Number = 1354346.5, Delta T = 07h04m31s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°57'00, Lahiri = -17°50'00 Julian Calendar 1 Jan. 1005 BCE == Greg. Calendar 22 Dec. 1006 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

FEBRUARY 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 3 6	2♒42'27	1♉ 6	8♋18	27♐42	20♋50	29♐47	8♈22	25♓50	0°R53	1°R13	27°D 3	25♐59	6♊13	n.a.	F 1
S 2	8 7 2	3°42'18	13° 5	8°39	28°55	21°37	29°59	8°27	25°52	0♎52	1♌11	27♐ 3	25°56	6°19	n.a.	S 2
S 3	8 10 59	4°42'06	24°56	9° 5	0♋ 7	22°24	0♋13	8°31	25°54	0°52	1°10	27° 5	25°53	6°26	n.a.	S 3
M 4	8 14 56	5°41'52	6♊44	9°36	1°20	23°11	0°25	8°36	25°57	0°51	1° 8	27° 6	25°50	6°33	n.a.	M 4
T 5	8 18 52	6°41'35	18°33	10°11	2°32	23°58	0°38	8°41	25°59	0°50	1° 7	27° 8	25°46	6°39	n.a.	T 5
W 6	8 22 49	7°41'16	0♋28	10°50	3°45	24°45	0°51	8°46	26° 2	0°49	1° 5	27°R 8	25°43	6°46	n.a.	W 6
T 7	8 26 45	8°40'55	12°33	11°33	4°57	25°32	1° 4	8°52	26° 4	0°49	1° 3	27° 7	25°40	6°53	n.a.	T 7
F 8	8 30 42	9°40'32	24°51	12°20	6°10	26°19	1°16	8°57	26° 7	0°48	1° 2	27° 3	25°37	6°59	n.a.	F 8
S 9	8 34 38	10°40'06	7♌23	13°10	7°23	27° 6	1°29	9° 2	26°10	0°47	1° 0	26°58	25°34	7° 6	n.a.	S 9
S 10	8 38 35	11°39'38	20° 9	14° 3	8°35	27°53	1°42	9° 8	26°12	0°46	0°59	26°51	25°30	7°13	n.a.	S 10
M11	8 42 31	12°39'08	3♍10	15° 0	9°48	28°39	1°54	9°13	26°15	0°45	0°57	26°43	25°27	7°19	n.a.	M11
T 12	8 46 28	13°38'36	16°26	15°59	11° 1	29°26	2° 6	9°19	26°18	0°44	0°56	26°35	25°24	7°26	n.a.	T 12
W13	8 50 24	14°38'01	29°53	17° 1	12°13	0♒13	2°19	9°24	26°20	0°43	0°54	26°28	25°21	7°33	n.a.	W13
T 14	8 54 21	15°37'25	13♎32	18° 5	13°26	1° 0	2°31	9°30	26°23	0°42	0°53	26°22	25°18	7°39	n.a.	T 14
F 15	8 58 18	16°36'47	27°20	19°12	14°39	1°47	2°43	9°36	26°26	0°41	0°51	26°18	25°15	7°46	n.a.	F 15
S 16	9 2 14	17°36'07	11♏17	20°21	15°52	2°34	2°55	9°41	26°29	0°40	0°50	26°16	25°11	7°53	n.a.	S 16
S 17	9 6 11	18°35'25	25°21	21°32	17° 4	3°20	3° 7	9°47	26°32	0°39	0°48	26°D16	25° 8	7°59	n.a.	S 17
M18	9 10 7	19°34'41	9♐32	22°45	18°17	4° 7	3°19	9°53	26°34	0°38	0°47	26°17	25° 5	8° 6	n.a.	M18
T 19	9 14 4	20°33'56	23°49	24° 0	19°30	4°54	3°31	9°59	26°37	0°37	0°45	26°R18	25° 2	8°12	n.a.	T 19
W20	9 18 0	21°33'08	8♋ 8	25°18	20°43	5°40	3°43	10° 5	26°40	0°36	0°44	26°17	24°59	8°19	n.a.	W20
T 21	9 21 57	22°32'19	22°27	26°37	21°56	6°27	3°54	10°11	26°43	0°34	0°42	26°14	24°56	8°26	n.a.	T 21
F 22	9 25 53	23°31'28	6♒42	27°57	23° 8	7°14	4° 6	10°18	26°46	0°33	0°41	26° 9	24°52	8°32	n.a.	F 22
S 23	9 29 50	24°30'34	20°48	29°20	24°21	8° 0	4°17	10°24	26°49	0°32	0°40	26° 2	24°49	8°39	n.a.	S 23
S 24	9 33 47	25°29'38	4♓39	0♒44	25°34	8°47	4°29	10°30	26°52	0°31	0°38	25°52	24°46	8°46	n.a.	S 24
M25	9 37 43	26°28'40	18°12	2°10	26°47	9°33	4°40	10°37	26°55	0°29	0°37	25°42	24°43	8°52	n.a.	M25
T 26	9 41 40	27°27'39	1♈24	3°38	28° 0	10°20	4°51	10°43	26°58	0°28	0°35	25°31	24°40	8°59	n.a.	T 26
W27	9 45 36	28°26'37	14°15	5° 7	29°13	11° 6	5° 3	10°50	27° 2	0°27	0°34	25°22	24°36	9° 6	n.a.	W27
T 28	9 49 33	29°25'32	26°46	6°38	0♒26	11°53	5°14	10°56	27° 5	0°26	0°33	25°15	24°33	9°12	n.a.	T 28
F 29	9 53 29	0♓24'24	9♉ 0	8♒10	1♒38	12♒39	5♋25	11♈ 3	27♓ 8	0♎24	0♌31	25♐11	24♐30	9♊19	n.a.	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	19s52	16n 5	4n19	21s54	1n39	23s20	0n28	23s14	1s 5	24s 7	0s18	1n11	2s23	2s18	0s40	1n31	2n 3	33n51	14n 2	23s47	23s45	23n24		n.a.
S 2	19 38	19 27	3 37	22 6	1 26	23 24	0 25	23 7	1 5	24 7	0 18	1 13	2 23	2 17	0 40	1 31	2 3	33 51	14 2	23 47	23 45	23 24		n.a.
S 3	19 23	21 59	2 47	22 17	1 13	23 27	0 22	22 59	1 5	24 7	0 18	1 15	2 22	2 16	0 40	1 32	2 3	33 52	14 3	23 47	23 45	23 25		n.a.
M 4	19 9	23 34	1 49	22 27	1 1	23 30	0 18	22 52	1 5	24 7	0 18	1 18	2 22	2 15	0 40	1 32	2 3	33 52	14 3	23 47	23 45	23 25		n.a.
T 5	18 53	24 5	0 47	22 37	0 49	23 32	0 15	22 44	1 5	24 7	0 18	1 20	2 22	2 14	0 40	1 32	2 3	33 52	14 3	23 47	23 45	23 25		n.a.
W 6	18 38	23 31	0s18	22 45	0 37	23 34	0 12	22 35	1 6	24 7	0 19	1 22	2 22	2 13	0 40	1 33	2 3	33 53	14 3	23 47	23 45	23 26		n.a.
T 7	18 22	21 50	1 23	22 53	0 25	23 34	0 9	22 27	1 6	24 7	0 19	1 24	2 21	2 12	0 40	1 33	2 3	33 53	14 3	23 47	23 45	23 26		n.a.
F 8	18 6	19 7	2 25	23 0	0 14	23 34	0 6	22 18	1 6	24 7	0 19	1 27	2 21	2 11	0 40	1 34	2 3	33 54	14 3	23 47	23 44	23 26		n.a.
S 9	17 50	15 29	3 21	23 7	0 3	23 34	0 3	22 9	1 6	24 7	0 19	1 29	2 21	2 9	0 40	1 34	2 3	33 54	14 3	23 47	23 44	23 27		n.a.
S 10	17 33	11 5	4 8	23 12	0s 8	23 32	0s 1	22 0	1 6	24 7	0 19	1 31	2 21	2 8	0 40	1 34	2 3	33 54	14 3	23 47	23 44	23 27		n.a.
M11	17 17	6 7	4 42	23 16	0 18	23 30	0 4	21 50	1 6	24 7	0 19	1 34	2 20	2 7	0 40	1 35	2 4	33 55	14 3	23 46	23 44	23 27		n.a.
T 12	16 59	0 48	5 3	23 18	0 28	23 28	0 7	21 40	1 7	24 7	0 19	1 36	2 20	2 6	0 40	1 35	2 4	33 55	14 3	23 46	23 44	23 28		n.a.
W13	16 42	4s38	5 7	23 20	0 38	23 24	0 10	21 30	1 7	24 7	0 20	1 39	2 20	2 5	0 40	1 36	2 4	33 55	14 3	23 46	23 44	23 28		n.a.
T 14	16 24	9 55	4 54	23 21	0 47	23 20	0 13	21 20	1 7	24 7	0 20	1 41	2 20	2 4	0 40	1 36	2 4	33 56	14 3	23 46	23 44	23 28		n.a.
F 15	16 6	14 47	4 24	23 20	0 55	23 15	0 16	21 10	1 7	24 7	0 20	1 44	2 19	2 3	0 40	1 37	2 4	33 56	14 3	23 46	23 44	23 29		n.a.
S 16	15 48	18 54	3 38	23 18	1 4	23 10	0 18	20 59	1 7	24 7	0 20	1 46	2 19	2 2	0 40	1 37	2 4	33 56	14 2	23 46	23 44	23 29		n.a.
S 17	15 29	21 58	2 39	23 14	1 12	23 3	0 21	20 48	1 7	24 7	0 20	1 49	2 19	2 0	0 40	1 38	2 4	33 57	14 2	23 46	23 43	23 29		n.a.
M18	15 11	23 42	1 29	23 10	1 19	22 56	0 24	20 37	1 7	24 7	0 20	1 51	2 19	1 59	0 40	1 38	2 4	33 57	14 2	23 46	23 43	23 29		n.a.
T 19	14 52	23 53	0 13	23 3	1 26	22 49	0 27	20 26	1 7	24 7	0 21	1 54	2 19	1 58	0 40	1 39	2 4	33 57	14 2	23 46	23 43	23 30		n.a.
W20	14 32	22 31	1n 3	22 56	1 33	22 41	0 30	20 14	1 7	24 6	0 21	1 56	2 18	1 57	0 40	1 39	2 4	33 58	14 2	23 46	23 43	23 30		n.a.
T 21	14 13	19 41	2 16	22 47	1 39	22 32	0 32	20 2	1 7	24 6	0 21	1 59	2 18	1 56	0 40	1 40	2 4	33 58	14 2	23 46	23 43	23 30		n.a.
F 22	13 53	15 41	3 19	22 36	1 45	22 22	0 35	19 50	1 7	24 6	0 21	2 2	2 18	1 54	0 40	1 40	2 4	33 58	14 2	23 45	23 43	23 30		n.a.
S 23	13 33	10 51	4 9	22 24	1 50	22 12	0 37	19 38	1 8	24 6	0 21	2 4	2 18	1 53	0 39	1 41	2 4	33 58	14 2	23 45	23 43	23 31		n.a.
S 24	13 13	5 33	4 44	22 10	1 55	22 1	0 40	19 26	1 8	24 6	0 21	2 7	2 17	1 52	0 39	1 41	2 4	33 59	14 2	23 45	23 43	23 31		n.a.
M25	12 53	0 7	5 2	21 55	1 59	21 49	0 43	19 13	1 8	24 5	0 21	2 10	2 17	1 51	0 39	1 42	2 4	33 59	14 2	23 45	23 42	23 31		n.a.
T 26	12 33	5n11	5 3	21 38	2 3	21 37	0 45	19 1	1 8	24 5	0 22	2 13	2 17	1 49	0 39	1 42	2 4	33 59	14 2	23 44	23 42	23 31		n.a.
W27	12 12	10 7	4 48	21 20	2 7	21 24	0 47	18 48	1 8	24 5	0 22	2 15	2 17	1 48	0 39	1 43	2 4	33 59	14 1	23 44	23 42	23 31		n.a.
T 28	11 51	14 30	4 20	21 0	2 10	21 11	0 50	18 35	1 8	24 5	0 22	2 18	2 17	1 47	0 39	1 43	2 4	33 59	14 1	23 44	23 42	23 32		n.a.
F 29	11s30	18n11	3n40	20s38	2s12	20s57	0s52	18s21	1s 8	24s 4	0s22	2n21	2s17	1s45	0s39	1n44	2n 4	34n 0	14n 1	23s44	23s42	23n32		n.a.

Julian Day Number = 1354377.5, Delta T = 07h04m29s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'56, Lahiri = -17°49'56 Julian Calendar 1 Feb. 1005 BCE == Greg. Calendar 22 Jan. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

MARCH 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 57 26	1♓23'14	20♉59	9♒44	2♒51	13♒25	5♑35	11♈10	27♓11	0°R23	0°R30	25°R 8	24♐27	9♊26	n.a.	S 1
S 2	10 1 22	2°22'02	2♊51	11°19	4° 4	14°11	5°46	11°16	27°14	0♎22	0♌29	25°D 8	24°24	9°32	n.a.	S 2
M 3	10 5 19	3°20'48	14°39	12°56	5°17	14°58	5°57	11°23	27°17	0°20	0°27	25♐ 8	24°21	9°39	n.a.	M 3
T 4	10 9 15	4°19'31	26°30	14°35	6°30	15°44	6° 7	11°30	27°21	0°19	0°26	25°R 8	24°17	9°46	n.a.	T 4
W 5	10 13 12	5°18'12	8♋28	16°15	7°43	16°30	6°18	11°37	27°24	0°17	0°25	25° 8	24°14	9°52	n.a.	W 5
T 6	10 17 9	6°16'50	20°38	17°56	8°56	17°16	6°28	11°44	27°27	0°16	0°24	25° 5	24°11	9°59	n.a.	T 6
F 7	10 21 5	7°15'26	3♌ 4	19°39	10° 9	18° 2	6°39	11°51	27°30	0°14	0°23	25° 0	24° 8	10° 6	n.a.	F 7
S 8	10 25 2	8°14'00	15°49	21°24	11°22	18°48	6°49	11°58	27°34	0°13	0°21	24°52	24° 5	10°12	n.a.	S 8
S 9	10 28 58	9°12'31	28°53	23°10	12°35	19°34	6°59	12° 5	27°37	0°11	0°20	24°41	24° 1	10°19	n.a.	S 9
M10	10 32 55	10°11'01	12♍17	24°58	13°47	20°20	7° 9	12°12	27°40	0°10	0°19	24°30	23°58	10°25	n.a.	M10
T 11	10 36 51	11° 9'28	25°57	26°47	15° 0	21° 6	7°18	12°19	27°44	0° 8	0°18	24°18	23°55	10°32	n.a.	T 11
W12	10 40 48	12° 7'54	9♎51	28°38	16°13	21°52	7°28	12°26	27°47	0° 7	0°17	24° 7	23°52	10°39	n.a.	W12
T 13	10 44 44	13° 6'17	23°53	0♓31	17°26	22°38	7°38	12°33	27°50	0° 5	0°16	23°58	23°49	10°45	n.a.	T 13
F 14	10 48 41	14° 4'39	8♏ 1	2°25	18°39	23°24	7°47	12°41	27°54	0° 4	0°15	23°51	23°46	10°52	n.a.	F 14
S 15	10 52 37	15° 3'00	22°11	4°21	19°52	24°10	7°56	12°48	27°57	0° 2	0°14	23°48	23°42	10°59	n.a.	S 15
S 16	10 56 34	16° 1'18	6♐21	6°18	21° 5	24°55	8° 6	12°55	28° 0	0° 1	0°13	23°46	23°39	11° 5	n.a.	S 16
M17	11 0 31	16°59'35	20°28	8°17	22°18	25°41	8°15	13° 3	28° 4	29♍59	0°12	23°46	23°36	11°12	n.a.	M17
T 18	11 4 27	17°57'50	4♑32	10°17	23°31	26°27	8°24	13°10	28° 7	29°58	0°11	23°46	23°33	11°19	n.a.	T 18
W19	11 8 24	18°56'04	18°32	12°19	24°44	27°12	8°33	13°17	28°11	29°56	0°10	23°44	23°30	11°25	n.a.	W19
T 20	11 12 20	19°54'16	2♒28	14°22	25°57	27°58	8°41	13°25	28°14	29°54	0° 9	23°41	23°27	11°32	n.a.	T 20
F 21	11 16 17	20°52'27	16°17	16°27	27°10	28°43	8°50	13°32	28°17	29°53	0° 8	23°34	23°23	11°39	n.a.	F 21
S 22	11 20 13	21°50'35	29°57	18°32	28°23	29°29	8°58	13°40	28°21	29°51	0° 7	23°24	23°20	11°45	n.a.	S 22
S 23	11 24 10	22°48'42	13♓25	20°39	29°36	0♓14	9° 7	13°47	28°24	29°50	0° 6	23°13	23°17	11°52	n.a.	S 23
M24	11 28 6	23°46'47	26°40	22°47	0♓49	1° 0	9°15	13°55	28°28	29°48	0° 5	23° 0	23°14	11°59	n.a.	M24
T 25	11 32 3	24°44'50	9♈38	24°56	2° 2	1°45	9°23	14° 3	28°31	29°46	0° 5	22°47	23°11	12° 5	n.a.	T 25
W26	11 35 59	25°42'52	22°19	27° 5	3°15	2°30	9°31	14°10	28°35	29°45	0° 4	22°36	23° 7	12°12	n.a.	W26
T 27	11 39 56	26°40'51	4♉44	29°14	4°28	3°15	9°39	14°18	28°38	29°43	0° 3	22°26	23° 4	12°19	n.a.	T 27
F 28	11 43 53	27°38'49	16°54	1♈24	5°41	4° 0	9°46	14°26	28°41	29°41	0° 3	22°20	23° 1	12°25	n.a.	F 28
S 29	11 47 49	28°36'45	28°52	3°33	6°55	4°46	9°54	14°33	28°45	29°40	0° 2	22°16	22°58	12°32	n.a.	S 29
S 30	11 51 46	29°34'39	10♊43	5°42	8° 8	5°31	10° 1	14°41	28°48	29°38	0° 1	22°14	22°55	12°38	n.a.	S 30
M31	11 55 42	0♈32'31	22♊31	7♈50	9♓21	6♓16	10♑ 9	14♈49	28♓52	29♍37	0♌ 1	22°D14	22♐52	12♊45	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s 9	21n 2	2n52	20s15	2s14	20s42	0s54	18s 8	1s 8	24s 4	0s22	2n24	2s16	1s44	0s39	1n45	2n 4	34n 0	14n 1	23s43	23s42	23n32		n.a.
S 2	10 48	22 57	1 56	19 49	2 16	20 27	0 56	17 54	1 8	24 4	0 22	2 27	2 16	1 43	0 39	1 45	2 4	34 0	14 1	23 43	23 42	23 32		n.a.
M 3	10 26	23 50	0 56	19 23	2 17	20 11	0 59	17 41	1 8	24 3	0 23	2 29	2 16	1 42	0 39	1 46	2 5	34 0	14 1	23 43	23 42	23 32		n.a.
T 4	10 5	23 39	0s 7	18 54	2 17	19 55	1 1	17 27	1 8	24 3	0 23	2 32	2 16	1 40	0 39	1 46	2 5	34 0	14 0	23 43	23 41	23 32		n.a.
W 5	9 43	22 22	1 10	18 24	2 18	19 38	1 3	17 13	1 8	24 3	0 23	2 35	2 16	1 39	0 39	1 47	2 5	34 0	14 0	23 43	23 41	23 33		n.a.
T 6	9 21	20 2	2 11	17 52	2 17	19 21	1 5	16 58	1 8	24 2	0 23	2 38	2 15	1 38	0 39	1 48	2 5	34 0	14 0	23 43	23 41	23 33		n.a.
F 7	8 59	16 45	3 7	17 18	2 16	19 3	1 6	16 44	1 8	24 2	0 23	2 41	2 15	1 36	0 39	1 48	2 5	34 1	14 0	23 43	23 41	23 33		n.a.
S 8	8 37	12 37	3 55	16 43	2 15	18 44	1 8	16 29	1 8	24 2	0 23	2 44	2 15	1 35	0 39	1 49	2 5	34 1	14 0	23 43	23 41	23 33		n.a.
S 9	8 14	7 48	4 32	16 6	2 13	18 25	1 10	16 15	1 8	24 1	0 24	2 47	2 15	1 34	0 39	1 49	2 5	34 1	14 0	23 42	23 41	23 33		n.a.
M10	7 52	2 32	4 55	15 27	2 10	18 5	1 12	16 0	1 7	24 1	0 24	2 50	2 15	1 32	0 39	1 50	2 5	34 1	13 59	23 42	23 41	23 33		n.a.
T 11	7 30	2s57	5 1	14 46	2 7	17 45	1 13	15 45	1 7	24 1	0 24	2 53	2 15	1 31	0 39	1 51	2 5	34 1	13 59	23 41	23 40	23 34		n.a.
W12	7 7	8 23	4 50	14 3	2 4	17 25	1 15	15 30	1 7	24 0	0 24	2 56	2 15	1 30	0 39	1 51	2 5	34 1	13 59	23 41	23 40	23 34		n.a.
T 13	6 44	13 27	4 22	13 19	1 59	17 4	1 16	15 15	1 7	24 0	0 24	2 59	2 14	1 28	0 39	1 52	2 5	34 1	13 59	23 40	23 40	23 34		n.a.
F 14	6 22	17 49	3 37	12 33	1 55	16 42	1 18	14 59	1 7	23 59	0 25	3 2	2 14	1 27	0 39	1 53	2 5	34 1	13 58	23 40	23 40	23 34		n.a.
S 15	5 59	21 9	2 39	11 46	1 50	16 20	1 19	14 44	1 7	23 59	0 25	3 5	2 14	1 25	0 39	1 53	2 5	34 1	13 58	23 40	23 40	23 34		n.a.
S 16	5 36	23 12	1 31	10 57	1 44	15 58	1 21	14 28	1 7	23 59	0 25	3 8	2 14	1 24	0 39	1 54	2 5	34 1	13 58	23 40	23 40	23 34		n.a.
M17	5 13	23 45	0 17	10 6	1 38	15 35	1 22	14 12	1 7	23 58	0 25	3 11	2 14	1 23	0 39	1 55	2 5	34 1	13 58	23 40	23 39	23 34		n.a.
T 18	4 50	22 47	0n57	9 13	1 31	15 12	1 23	13 56	1 7	23 58	0 25	3 14	2 14	1 21	0 39	1 55	2 5	34 1	13 57	23 40	23 39	23 34		n.a.
W19	4 27	20 25	2 7	8 20	1 23	14 48	1 24	13 40	1 7	23 58	0 26	3 17	2 14	1 20	0 39	1 56	2 5	34 1	13 57	23 40	23 39	23 34		n.a.
T 20	4 4	16 51	3 9	7 24	1 16	14 24	1 25	13 24	1 6	23 57	0 26	3 20	2 13	1 19	0 39	1 57	2 5	34 1	13 57	23 40	23 39	23 34		n.a.
F 21	3 40	12 24	4 0	6 28	1 7	13 59	1 26	13 8	1 6	23 57	0 26	3 23	2 13	1 17	0 39	1 57	2 5	34 1	13 57	23 39	23 39	23 34		n.a.
S 22	3 17	7 22	4 36	5 30	0 58	13 34	1 27	12 52	1 6	23 56	0 26	3 26	2 13	1 16	0 39	1 58	2 5	34 1	13 56	23 39	23 39	23 35		n.a.
S 23	2 54	2 4	4 56	4 31	0 49	13 9	1 28	12 35	1 6	23 56	0 26	3 29	2 13	1 14	0 39	1 59	2 5	34 1	13 56	23 38	23 38	23 35		n.a.
M24	2 30	3n13	5 0	3 31	0 40	12 44	1 28	12 19	1 6	23 56	0 26	3 32	2 13	1 13	0 39	1 59	2 5	34 1	13 56	23 38	23 38	23 35		n.a.
T 25	2 7	8 16	4 48	2 30	0 30	12 18	1 29	12 2	1 6	23 55	0 27	3 35	2 13	1 12	0 39	2 0	2 5	34 0	13 56	23 37	23 38	23 35		n.a.
W26	1 44	12 51	4 22	1 29	0 20	11 52	1 30	11 46	1 6	23 55	0 27	3 38	2 13	1 10	0 39	2 1	2 5	34 0	13 55	23 36	23 38	23 35		n.a.
T 27	1 20	16 48	3 43	0 27	0 9	11 25	1 30	11 29	1 5	23 54	0 27	3 41	2 13	1 9	0 39	2 1	2 5	34 0	13 55	23 36	23 38	23 35		n.a.
F 28	0 57	19 57	2 55	0n35	0n 1	10 58	1 31	11 12	1 5	23 54	0 27	3 44	2 13	1 7	0 39	2 2	2 5	34 0	13 55	23 35	23 38	23 35		n.a.
S 29	0 34	22 11	2 0	1 37	0 12	10 31	1 31	10 55	1 5	23 54	0 27	3 48	2 12	1 6	0 39	2 3	2 5	34 0	13 54	23 35	23 37	23 35		n.a.
S 30	0 10	23 24	1 1	2 39	0 23	10 4	1 32	10 38	1 5	23 53	0 28	3 51	2 12	1 5	0 39	2 3	2 5	34 0	13 54	23 35	23 37	23 35		n.a.
M31	0n13	23n34	0s 2	3n40	0n34	9s36	1s32	10s21	1s 5	23s53	0s28	3n54	2s12	1s 3	0s39	2n 4	2n 5	34n 0	13n54	23s35	23s37	23n35		n.a.

Julian Day Number = 1354406.5, Delta T = 07h04m28s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'52, Lahiri = -17°49'52 Julian Calendar 1 March 1005 BCE == Greg. Calendar 20 Feb. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

APRIL 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 59 39	1♈30'21	4♋21	9♈57	10♓34	7♓ 1	10♑16	14♈56	28♓55	29°R35	0°R 0	22°R14	22♐48	12♊52	n.a.	T 1
W 2	12 3 35	2°28'09	16°20	12° 3	11°47	7°46	10°23	15° 4	28°59	29♍33	29♋59	22♐13	22°45	12°58	n.a.	W 2
T 3	12 7 32	3°25'55	28°32	14° 7	13° 0	8°30	10°29	15°12	29° 2	29°32	29°59	22°11	22°42	13° 5	n.a.	T 3
F 4	12 11 28	4°23'40	11♌ 2	16° 9	14°13	9°15	10°36	15°20	29° 6	29°30	29°58	22° 6	22°39	13°12	n.a.	F 4
S 5	12 15 25	5°21'22	23°54	18° 9	15°26	10° 0	10°42	15°28	29° 9	29°28	29°58	21°59	22°36	13°18	n.a.	S 5
S 6	12 19 22	6°19'03	7♍10	20° 6	16°39	10°45	10°49	15°35	29°12	29°27	29°57	21°50	22°33	13°25	n.a.	S 6
M 7	12 23 18	7°16'43	20°49	22° 1	17°52	11°29	10°55	15°43	29°16	29°25	29°57	21°39	22°29	13°32	n.a.	M 7
T 8	12 27 15	8°14'20	4♎50	23°54	19° 5	12°14	11° 1	15°51	29°19	29°24	29°57	21°28	22°26	13°38	n.a.	T 8
W 9	12 31 11	9°11'56	19° 7	25°43	20°18	12°58	11° 7	15°59	29°23	29°22	29°56	21°17	22°23	13°45	n.a.	W 9
T 10	12 35 8	10° 9'31	3♏36	27°30	21°31	13°43	11°12	16° 7	29°26	29°20	29°56	21° 9	22°20	13°52	n.a.	T 10
F 11	12 39 4	11° 7'05	18° 9	29°14	22°44	14°27	11°18	16°15	29°29	29°19	29°56	21° 3	22°17	13°58	n.a.	F 11
S 12	12 43 1	12° 4'38	2♐40	0♑54	23°58	15°12	11°23	16°23	29°33	29°17	29°55	20°59	22°13	14° 5	n.a.	S 12
S 13	12 46 57	13° 2'09	17° 6	2°32	25°11	15°56	11°29	16°31	29°36	29°16	29°55	20°D58	22°10	14°12	n.a.	S 13
M14	12 50 54	13°59'40	1♑21	4° 6	26°24	16°40	11°34	16°38	29°40	29°14	29°55	20°58	22° 7	14°18	n.a.	M14
T 15	12 54 51	14°57'09	15°26	5°37	27°37	17°25	11°39	16°46	29°43	29°13	29°55	20°R59	22° 4	14°25	n.a.	T 15
W16	12 58 47	15°54'38	29°18	7° 4	28°50	18° 9	11°43	16°54	29°46	29°11	29°55	20°58	22° 1	14°31	n.a.	W16
T 17	13 2 44	16°52'05	12♒59	8°28	0♈ 3	18°53	11°48	17° 2	29°50	29° 9	29°55	20°55	21°58	14°38	n.a.	T 17
F 18	13 6 40	17°49'32	26°29	9°49	1°17	19°37	11°52	17°10	29°53	29° 8	29°54	20°50	21°54	14°45	n.a.	F 18
S 19	13 10 37	18°46'58	9♓46	11° 6	2°30	20°21	11°56	17°18	29°56	29° 6	29°54	20°43	21°51	14°51	n.a.	S 19
S 20	13 14 33	19°44'22	22°51	12°20	3°43	21° 5	12° 0	17°26	29°59	29° 5	29°D54	20°33	21°48	14°58	n.a.	S 20
M21	13 18 30	20°41'46	5♈44	13°30	4°56	21°49	12° 4	17°34	0♈ 3	29° 3	29°54	20°23	21°45	15° 5	n.a.	M21
T 22	13 22 26	21°39'09	18°23	14°37	6° 9	22°33	12° 8	17°42	0° 6	29° 2	29°54	20°12	21°42	15°11	n.a.	T 22
W23	13 26 23	22°36'30	0♉50	15°40	7°23	23°16	12°11	17°50	0° 9	29° 0	29°54	20° 3	21°38	15°18	n.a.	W23
T 24	13 30 20	23°33'51	13° 4	16°39	8°36	24° 0	12°15	17°57	0°13	28°59	29°55	19°55	21°35	15°25	n.a.	T 24
F 25	13 34 16	24°31'11	25° 7	17°34	9°49	24°44	12°18	18° 5	0°16	28°58	29°55	19°50	21°32	15°31	n.a.	F 25
S 26	13 38 13	25°28'29	7♊ 1	18°26	11° 2	25°27	12°21	18°13	0°19	28°56	29°55	19°47	21°29	15°38	n.a.	S 26
S 27	13 42 9	26°25'47	18°49	19°13	12°15	26°11	12°23	18°21	0°22	28°55	29°55	19°D46	21°26	15°45	n.a.	S 27
M28	13 46 6	27°23'03	0♋36	19°57	13°29	26°54	12°26	18°29	0°25	28°53	29°55	19°47	21°23	15°51	n.a.	M28
T 29	13 50 2	28°20'18	12°26	20°36	14°42	27°38	12°28	18°37	0°28	28°52	29°56	19°48	21°19	15°58	n.a.	T 29
W30	13 53 59	29♈17'33	24♋24	21♉11	15♈55	28♓21	12♑31	18♈45	0♈32	28♍51	29♋56	19°R49	21♐16	16♊ 4	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n36	22n41	1s 4	4n41	0n44	9s 8	1s32	10s 4	1s 4	23s53	0s28	3n57	2s12	1s 2	0s39	2n 5	2n 5	34n 0	13n53	23s35	23s37	23n35		n.a.
W 2	1 0	20 45	2 4	5 40	0 55	8 40	1 32	9 47	1 4	23 52	0 28	4 0	2 12	1 0	0 39	2 5	2 5	33 59	13 53	23 35	23 37	23 35		n.a.
T 3	1 23	17 50	3 0	6 39	1 5	8 12	1 32	9 30	1 4	23 52	0 29	4 3	2 12	0 59	0 39	2 6	2 5	33 59	13 53	23 35	23 37	23 35		n.a.
F 4	1 46	14 4	3 48	7 36	1 15	7 43	1 32	9 12	1 4	23 52	0 29	4 6	2 12	0 58	0 39	2 7	2 5	33 59	13 52	23 35	23 36	23 35		n.a.
S 5	2 10	9 34	4 27	8 31	1 24	7 14	1 32	8 55	1 3	23 51	0 29	4 9	2 12	0 56	0 39	2 7	2 5	33 59	13 52	23 34	23 36	23 35		n.a.
S 6	2 33	4 30	4 52	9 25	1 33	6 45	1 32	8 38	1 3	23 51	0 29	4 12	2 12	0 55	0 39	2 8	2 5	33 59	13 52	23 33	23 36	23 35		n.a.
M 7	2 56	0s55	5 2	10 17	1 42	6 16	1 32	8 20	1 3	23 51	0 29	4 16	2 12	0 54	0 39	2 8	2 5	33 58	13 52	23 33	23 36	23 35		n.a.
T 8	3 19	6 26	4 54	11 6	1 50	5 47	1 31	8 3	1 3	23 51	0 30	4 19	2 12	0 52	0 39	2 9	2 5	33 58	13 51	23 32	23 36	23 35		n.a.
W 9	3 42	11 43	4 27	11 54	1 57	5 17	1 31	7 45	1 2	23 50	0 30	4 22	2 12	0 51	0 39	2 10	2 5	33 58	13 51	23 31	23 36	23 35		n.a.
T 10	4 5	16 24	3 44	12 40	2 4	4 48	1 31	7 27	1 2	23 50	0 30	4 25	2 12	0 49	0 39	2 10	2 5	33 58	13 51	23 31	23 35	23 35		n.a.
F 11	4 28	20 8	2 45	13 23	2 10	4 18	1 30	7 10	1 2	23 50	0 30	4 28	2 12	0 48	0 39	2 11	2 5	33 57	13 50	23 30	23 35	23 35		n.a.
S 12	4 51	22 35	1 36	14 4	2 15	3 48	1 30	6 52	1 2	23 49	0 31	4 31	2 11	0 47	0 39	2 12	2 5	33 57	13 50	23 30	23 35	23 34		n.a.
S 13	5 14	23 31	0 21	14 43	2 19	3 18	1 29	6 34	1 1	23 49	0 31	4 34	2 11	0 45	0 39	2 12	2 5	33 57	13 49	23 30	23 35	23 34		n.a.
M14	5 36	22 53	0n55	15 19	2 23	2 48	1 28	6 17	1 1	23 49	0 31	4 37	2 11	0 44	0 39	2 13	2 5	33 57	13 49	23 30	23 35	23 34		n.a.
T 15	5 59	20 49	2 7	15 53	2 26	2 18	1 28	5 59	1 1	23 49	0 31	4 40	2 11	0 43	0 39	2 13	2 5	33 56	13 49	23 30	23 34	23 34		n.a.
W16	6 21	17 32	3 9	16 25	2 28	1 48	1 27	5 41	1 0	23 49	0 31	4 44	2 11	0 41	0 39	2 14	2 5	33 56	13 48	23 30	23 34	23 34		n.a.
T 17	6 44	13 20	4 1	16 54	2 30	1 17	1 26	5 23	1 0	23 48	0 32	4 47	2 11	0 40	0 39	2 15	2 5	33 56	13 48	23 30	23 34	23 34		n.a.
F 18	7 6	8 33	4 37	17 21	2 30	0 47	1 25	5 5	1 0	23 48	0 32	4 50	2 11	0 39	0 39	2 15	2 5	33 55	13 48	23 30	23 34	23 34		n.a.
S 19	7 28	3 25	4 59	17 46	2 30	0 17	1 24	4 47	1 0	23 48	0 32	4 53	2 11	0 37	0 39	2 16	2 5	33 55	13 47	23 29	23 34	23 34		n.a.
S 20	7 50	1n46	5 4	18 8	2 29	0n14	1 23	4 30	0 59	23 48	0 32	4 56	2 11	0 36	0 39	2 16	2 5	33 55	13 47	23 28	23 33	23 34		n.a.
M21	8 12	6 47	4 53	18 28	2 27	0 44	1 22	4 12	0 59	23 48	0 33	4 59	2 11	0 35	0 39	2 17	2 5	33 54	13 47	23 28	23 33	23 34		n.a.
T 22	8 34	11 27	4 29	18 46	2 25	1 15	1 21	3 54	0 59	23 48	0 33	5 2	2 11	0 33	0 39	2 18	2 5	33 54	13 46	23 27	23 33	23 33		n.a.
W23	8 56	15 33	3 51	19 2	2 21	1 45	1 20	3 36	0 58	23 48	0 33	5 5	2 11	0 32	0 39	2 18	2 5	33 54	13 46	23 26	23 33	23 33		n.a.
T 24	9 17	18 55	3 4	19 15	2 17	2 16	1 18	3 18	0 58	23 48	0 33	5 8	2 11	0 31	0 39	2 19	2 5	33 53	13 46	23 26	23 33	23 33		n.a.
F 25	9 39	21 25	2 9	19 26	2 11	2 46	1 17	3 0	0 57	23 48	0 34	5 11	2 11	0 29	0 39	2 19	2 5	33 53	13 45	23 25	23 32	23 33		n.a.
S 26	10 0	22 56	1 8	19 35	2 5	3 17	1 16	2 42	0 57	23 48	0 34	5 14	2 11	0 28	0 39	2 20	2 5	33 53	13 45	23 25	23 32	23 33		n.a.
S 27	10 21	23 25	0 5	19 42	1 58	3 47	1 14	2 24	0 57	23 47	0 34	5 17	2 11	0 27	0 39	2 20	2 5	33 52	13 45	23 25	23 32	23 33		n.a.
M28	10 42	22 51	0s58	19 46	1 50	4 17	1 13	2 6	0 56	23 47	0 34	5 20	2 11	0 26	0 39	2 21	2 5	33 52	13 44	23 25	23 32	23 33		n.a.
T 29	11 3	21 15	1 59	19 49	1 42	4 47	1 11	1 49	0 56	23 47	0 35	5 23	2 11	0 24	0 39	2 21	2 5	33 51	13 44	23 25	23 32	23 32		n.a.
W30	11n24	18n41	2s56	19n49	1n32	5n17	1s10	1s31	0s56	23s48	0s35	5n26	2s11	0s23	0s39	2n22	2n 5	33n51	13n43	23s25	23s31	23n32		n.a.

Julian Day Number = 1354437.5, Delta T = 07h04m26s
Ecliptic obliquity = 23°48'54, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'48, Lahiri = -17°49'47 Julian Calendar 1 Apr. 1005 BCE == Greg. Calendar 22 March 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

MAY 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 57 55	0♉14'46	6♌35	21♉42	17♈ 9	29♓ 4	12♏33	18♈52	0♈35	28°R49	29♋56	19°R49	21♐13	16♊11	n.a.	T 1
F 2	14 1 52	1°11'58	19° 5	22° 8	18°22	29°48	12°34	19° 0	0°38	28♍48	29°56	19♐47	21°10	16°18	n.a.	F 2
S 3	14 5 49	2° 9'09	1♍58	22°30	19°35	0♈31	12°36	19° 8	0°41	28°47	29°57	19°43	21° 7	16°24	n.a.	S 3
S 4	14 9 45	3° 6'19	15°16	22°48	20°48	1°14	12°38	19°16	0°44	28°45	29°57	19°38	21° 4	16°31	n.a.	S 4
M 5	14 13 42	4° 3'28	29° 1	23° 0	22° 2	1°57	12°39	19°23	0°47	28°44	29°58	19°32	21° 0	16°38	n.a.	M 5
T 6	14 17 38	5° 0'36	13♎11	23° 9	23°15	2°40	12°40	19°31	0°50	28°43	29°58	19°25	20°57	16°44	n.a.	T 6
W 7	14 21 35	5°57'44	27°44	23°R12	24°28	3°23	12°41	19°39	0°53	28°42	29°59	19°18	20°54	16°51	n.a.	W 7
T 8	14 25 31	6°54'51	12♏31	23°12	25°42	4° 6	12°41	19°47	0°56	28°40	29°59	19°13	20°51	16°58	n.a.	T 8
F 9	14 29 28	7°51'58	27°26	23° 6	26°55	4°49	12°42	19°54	0°59	28°39	29°59	19° 9	20°48	17° 4	n.a.	F 9
S 10	14 33 24	8°49'04	12♐21	22°57	28° 8	5°31	12°42	20° 2	1° 2	28°38	0♌ 0	19°D 8	20°44	17°11	n.a.	S 10
S 11	14 37 21	9°46'11	27° 7	22°43	29°22	6°14	12°R42	20° 9	1° 4	28°37	0° 1	19° 8	20°41	17°18	n.a.	S 11
M12	14 41 18	10°43'17	11♑39	22°25	0♉35	6°57	12°42	20°17	1° 7	28°36	0° 2	19° 9	20°38	17°24	n.a.	M12
T 13	14 45 14	11°40'22	25°54	22° 4	1°49	7°39	12°42	20°25	1°10	28°35	0° 2	19°10	20°35	17°31	n.a.	T 13
W14	14 49 11	12°37'28	9♒50	21°39	3° 2	8°22	12°42	20°32	1°13	28°34	0° 3	19°R11	20°32	17°38	n.a.	W14
T 15	14 53 7	13°34'34	23°27	21°12	4°15	9° 4	12°41	20°40	1°16	28°33	0° 4	19°11	20°29	17°44	n.a.	T 15
F 16	14 57 4	14°31'39	6♓47	20°41	5°29	9°47	12°40	20°47	1°18	28°32	0° 4	19° 9	20°25	17°51	n.a.	F 16
S 17	15 1 0	15°28'45	19°49	20° 9	6°42	10°29	12°39	20°55	1°21	28°31	0° 5	19° 5	20°22	17°57	n.a.	S 17
S 18	15 4 57	16°25'50	2♈37	19°35	7°56	11°11	12°38	21° 2	1°24	28°30	0° 6	19° 1	20°19	18° 4	n.a.	S 18
M19	15 8 54	17°22'56	15°11	19° 0	9° 9	11°54	12°37	21° 9	1°26	28°29	0° 7	18°56	20°16	18°11	n.a.	M19
T 20	15 12 50	18°20'01	27°33	18°25	10°23	12°36	12°35	21°17	1°29	28°28	0° 8	18°51	20°13	18°17	n.a.	T 20
W21	15 16 47	19°17'07	9♉44	17°50	11°36	13°18	12°33	21°24	1°32	28°27	0° 9	18°46	20° 9	18°24	n.a.	W21
T 22	15 20 43	20°14'13	21°47	17°16	12°50	14° 0	12°31	21°31	1°34	28°26	0°10	18°42	20° 6	18°31	n.a.	T 22
F 23	15 24 40	21°11'18	3♊41	16°43	14° 3	14°42	12°29	21°39	1°37	28°25	0°11	18°40	20° 3	18°37	n.a.	F 23
S 24	15 28 36	22° 8'24	15°31	16°12	15°17	15°24	12°27	21°46	1°39	28°24	0°12	18°D39	20° 0	18°44	n.a.	S 24
S 25	15 32 33	23° 5'29	27°18	15°44	16°30	16° 5	12°24	21°53	1°42	28°24	0°13	18°39	19°57	18°51	n.a.	S 25
M26	15 36 29	24° 2'34	9♋ 5	15°19	17°44	16°47	12°21	22° 0	1°44	28°23	0°14	18°40	19°54	18°57	n.a.	M26
T 27	15 40 26	24°59'40	20°55	14°57	18°58	17°29	12°18	22° 7	1°46	28°22	0°15	18°42	19°50	19° 4	n.a.	T 27
W28	15 44 23	25°56'45	2♌54	14°39	20°11	18°11	12°15	22°14	1°49	28°21	0°16	18°44	19°47	19°11	n.a.	W28
T 29	15 48 19	26°53'50	15° 5	14°25	21°25	18°52	12°12	22°21	1°51	28°21	0°17	18°45	19°44	19°17	n.a.	T 29
F 30	15 52 16	27°50'55	27°34	14°16	22°39	19°34	12° 9	22°28	1°53	28°20	0°18	18°R45	19°41	19°24	n.a.	F 30
S 31	15 56 12	28♉47'59	10♍23	14°D11	23♉52	20♈15	12♑ 5	22♈35	1♈55	28♍20	0♌19	18♐45	19♐38	19♊30	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11n44	15n17	3s46	19n47	1n22	5n47	1s 8	1s13	0s55	23s48	0s35	5n29	2s11	0s22	0s39	2n22	2n 5	33n50	13n43	23s25	23s31	23n32		n.a.
F 2	12 4	11 8	4 26	19 43	1 10	6 17	1 6	0 55	0 55	23 48	0 35	5 32	2 11	0 21	0 39	2 23	2 5	33 50	13 43	23 25	23 31	23 32		n.a.
S 3	12 24	6 22	4 54	19 37	0 58	6 47	1 5	0 37	0 54	23 48	0 35	5 35	2 11	0 19	0 39	2 23	2 4	33 50	13 42	23 25	23 31	23 32		n.a.
S 4	12 44	1 10	5 8	19 30	0 46	7 16	1 3	0 19	0 54	23 48	0 36	5 38	2 11	0 18	0 39	2 24	2 4	33 49	13 42	23 24	23 30	23 32		n.a.
M 5	13 4	4s15	5 5	19 20	0 32	7 46	1 1	0 2	0 54	23 48	0 36	5 41	2 11	0 17	0 39	2 24	2 4	33 49	13 42	23 24	23 30	23 31		n.a.
T 6	13 24	9 37	4 43	19 8	0 18	8 15	0 59	0n16	0 53	23 48	0 36	5 44	2 11	0 16	0 39	2 25	2 4	33 48	13 41	23 23	23 30	23 31		n.a.
W 7	13 43	14 35	4 3	18 55	0 3	8 44	0 58	0 34	0 53	23 48	0 36	5 47	2 11	0 15	0 39	2 25	2 4	33 48	13 41	23 23	23 30	23 31		n.a.
T 8	14 2	18 46	3 5	18 40	0s12	9 13	0 56	0 51	0 52	23 48	0 37	5 50	2 11	0 13	0 39	2 26	2 4	33 47	13 41	23 22	23 30	23 31		n.a.
F 9	14 21	21 46	1 55	18 23	0 28	9 42	0 54	1 9	0 52	23 49	0 37	5 53	2 11	0 12	0 39	2 26	2 4	33 47	13 40	23 22	23 29	23 31		n.a.
S 10	14 40	23 14	0 37	18 5	0 44	10 10	0 52	1 27	0 51	23 49	0 37	5 56	2 11	0 11	0 39	2 27	2 4	33 46	13 40	23 22	23 29	23 30		n.a.
S 11	14 58	23 4	0n43	17 46	1 1	10 39	0 50	1 44	0 51	23 49	0 37	5 59	2 11	0 10	0 39	2 27	2 4	33 46	13 40	23 22	23 29	23 30		n.a.
M12	15 16	21 19	2 0	17 25	1 17	11 7	0 48	2 2	0 50	23 49	0 38	6 1	2 11	0 9	0 39	2 28	2 4	33 45	13 39	23 22	23 29	23 30		n.a.
T 13	15 34	18 14	3 7	17 4	1 34	11 35	0 46	2 19	0 50	23 50	0 38	6 4	2 11	0 8	0 39	2 28	2 4	33 45	13 39	23 22	23 28	23 30		n.a.
W14	15 52	14 11	4 2	16 41	1 50	12 2	0 43	2 37	0 50	23 50	0 38	6 7	2 11	0 7	0 39	2 28	2 4	33 44	13 39	23 22	23 28	23 29		n.a.
T 15	16 10	9 29	4 41	16 18	2 7	12 29	0 41	2 54	0 49	23 50	0 39	6 10	2 12	0 5	0 39	2 29	2 4	33 44	13 38	23 22	23 28	23 29		n.a.
F 16	16 27	4 27	5 5	15 55	2 23	12 56	0 39	3 11	0 49	23 51	0 39	6 13	2 12	0 4	0 39	2 29	2 4	33 43	13 38	23 22	23 28	23 29		n.a.
S 17	16 44	0n41	5 12	15 31	2 38	13 23	0 37	3 29	0 48	23 51	0 39	6 15	2 12	0 3	0 39	2 29	2 4	33 43	13 38	23 22	23 28	23 29		n.a.
S 18	17 1	5 41	5 3	15 8	2 53	13 49	0 35	3 46	0 48	23 51	0 39	6 18	2 12	0 2	0 39	2 30	2 4	33 42	13 37	23 21	23 27	23 28		n.a.
M19	17 17	10 22	4 40	14 45	3 6	14 15	0 33	4 3	0 47	23 52	0 40	6 21	2 12	0 1	0 39	2 30	2 4	33 42	13 37	23 21	23 27	23 28		n.a.
T 20	17 33	14 33	4 4	14 23	3 19	14 41	0 30	4 20	0 47	23 52	0 40	6 24	2 12	0 0	0 39	2 30	2 4	33 41	13 37	23 20	23 27	23 28		n.a.
W21	17 49	18 4	3 17	14 2	3 31	15 7	0 28	4 37	0 46	23 53	0 40	6 26	2 12	0n 1	0 39	2 31	2 4	33 41	13 36	23 20	23 27	23 27		n.a.
T 22	18 5	20 47	2 22	13 43	3 41	15 31	0 26	4 54	0 46	23 53	0 40	6 29	2 12	0 2	0 39	2 31	2 4	33 40	13 36	23 20	23 26	23 27		n.a.
F 23	18 20	22 33	1 21	13 25	3 51	15 56	0 23	5 11	0 45	23 53	0 41	6 32	2 12	0 3	0 39	2 31	2 4	33 40	13 36	23 19	23 26	23 27		n.a.
S 24	18 35	23 18	0 17	13 8	3 59	16 20	0 21	5 28	0 45	23 54	0 41	6 34	2 12	0 4	0 39	2 32	2 4	33 39	13 35	23 19	23 26	23 27		n.a.
S 25	18 50	23 0	0s47	12 54	4 5	16 44	0 19	5 45	0 44	23 54	0 41	6 37	2 12	0 5	0 39	2 32	2 3	33 39	13 35	23 19	23 26	23 26		n.a.
M26	19 5	21 40	1 50	12 42	4 10	17 7	0 16	6 2	0 44	23 55	0 41	6 40	2 12	0 6	0 40	2 32	2 3	33 38	13 35	23 19	23 25	23 26		n.a.
T 27	19 19	19 23	2 49	12 32	4 14	17 30	0 14	6 18	0 43	23 55	0 42	6 42	2 12	0 7	0 40	2 32	2 3	33 38	13 34	23 20	23 25	23 26		n.a.
W28	19 33	16 14	3 41	12 25	4 16	17 53	0 12	6 35	0 43	23 56	0 42	6 45	2 12	0 8	0 40	2 33	2 3	33 37	13 34	23 20	23 25	23 25		n.a.
T 29	19 46	12 22	4 23	12 20	4 16	18 15	0 9	6 51	0 42	23 57	0 42	6 47	2 12	0 9	0 40	2 33	2 3	33 36	13 34	23 20	23 25	23 25		n.a.
F 30	19 59	7 54	4 55	12 18	4 16	18 37	0 7	7 8	0 41	23 57	0 42	6 50	2 13	0 9	0 40	2 33	2 3	33 36	13 33	23 20	23 24	23 25		n.a.
S 31	20n12	2n58	5s13	12n18	4s14	18n58	0s 5	7n24	0s41	23s58	0s43	6n52	2s13	0n10	0s40	2n33	2n 3	33n35	13n33	23s20	23s24	23n24		n.a.

Julian Day Number = 1354467.5, Delta T = 07h04m25s
Ecliptic obliquity = 23°48'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'44, Lahiri = -17°49'43 Julian Calendar 1 May 1005 BCE == Greg. Calendar 21 Apr. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

JUNE 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 0 9	29♉45'04	23♍37	14♉11	25♉ 6	20♈56	12°R 1	22♈42	1♈58	28°R19	0♌20	18°R44	19♐35	19♊37	n.a.	S 1
M 2	16 4 5	0♊42'09	7♎19	14°17	26°20	21°38	11♑57	22°49	2° 0	28♍18	0°22	18♐42	19°31	19°44	n.a.	M 2
T 3	16 8 2	1°39'14	21°27	14°27	27°33	22°19	11°53	22°56	2° 2	28°18	0°23	18°39	19°28	19°50	n.a.	T 3
W 4	16 11 58	2°36'19	6♏ 1	14°43	28°47	23° 0	11°49	23° 3	2° 4	28°17	0°24	18°37	19°25	19°57	n.a.	W 4
T 5	16 15 55	3°33'24	20°54	15° 4	0♊ 1	23°41	11°44	23° 9	2° 6	28°17	0°25	18°36	19°22	20° 4	n.a.	T 5
F 6	16 19 52	4°30'30	6♐ 1	15°30	1°14	24°22	11°40	23°16	2° 8	28°16	0°27	18°35	19°19	20°10	n.a.	F 6
S 7	16 23 48	5°27'36	21°10	16° 2	2°28	25° 3	11°35	23°22	2°10	28°16	0°28	18°D35	19°15	20°17	n.a.	S 7
S 8	16 27 45	6°24'43	6♑14	16°39	3°42	25°44	11°30	23°29	2°12	28°16	0°30	18°35	19°12	20°24	n.a.	S 8
M 9	16 31 41	7°21'51	21° 4	17°21	4°56	26°25	11°25	23°35	2°14	28°15	0°31	18°36	19° 9	20°30	n.a.	M 9
T 10	16 35 38	8°18'59	5♒34	18° 8	6° 9	27° 6	11°20	23°42	2°16	28°15	0°32	18°37	19° 6	20°37	n.a.	T 10
W11	16 39 34	9°16'08	19°41	19° 1	7°23	27°46	11°14	23°48	2°17	28°15	0°34	18°37	19° 3	20°44	n.a.	W11
T 12	16 43 31	10°13'18	3♓23	19°58	8°37	28°27	11° 9	23°55	2°19	28°14	0°35	18°38	19° 0	20°50	n.a.	T 12
F 13	16 47 28	11°10'29	16°42	21° 1	9°51	29° 8	11° 3	24° 1	2°21	28°14	0°37	18°R38	18°56	20°57	n.a.	F 13
S 14	16 51 24	12° 7'41	29°39	22° 8	11° 5	29°48	10°57	24° 7	2°22	28°14	0°38	18°38	18°53	21° 4	n.a.	S 14
S 15	16 55 21	13° 4'53	12♈17	23°21	12°19	0♉29	10°51	24°13	2°24	28°14	0°40	18°37	18°50	21°10	n.a.	S 15
M16	16 59 17	14° 2'07	24°39	24°38	13°33	1° 9	10°45	24°19	2°26	28°14	0°41	18°36	18°47	21°17	n.a.	M16
T 17	17 3 14	14°59'22	6♉48	25°59	14°47	1°49	10°39	24°25	2°27	28°14	0°43	18°36	18°44	21°23	n.a.	T 17
W18	17 7 10	15°56'38	18°48	27°25	16° 0	2°30	10°32	24°31	2°29	28°14	0°44	18°36	18°41	21°30	n.a.	W18
T 19	17 11 7	16°53'55	0♊42	28°56	17°14	3°10	10°26	24°37	2°30	28°D14	0°46	18°35	18°37	21°37	n.a.	T 19
F 20	17 15 3	17°51'13	12°31	0♊31	18°28	3°50	10°19	24°43	2°32	28°14	0°48	18°D35	18°34	21°43	n.a.	F 20
S 21	17 19 0	18°48'32	24°18	2° 9	19°42	4°30	10°13	24°49	2°33	28°14	0°49	18°R35	18°31	21°50	n.a.	S 21
S 22	17 22 57	19°45'51	6♋ 5	3°52	20°56	5°10	10° 6	24°54	2°34	28°14	0°51	18°35	18°28	21°57	n.a.	S 22
M23	17 26 53	20°43'12	17°55	5°38	22°10	5°50	9°59	25° 0	2°35	28°14	0°53	18°35	18°25	22° 3	n.a.	M23
T 24	17 30 50	21°40'34	29°50	7°27	23°25	6°30	9°52	25° 5	2°37	28°14	0°54	18°35	18°21	22°10	n.a.	T 24
W25	17 34 46	22°37'56	11♌54	9°20	24°39	7° 9	9°45	25°11	2°38	28°14	0°56	18°34	18°18	22°17	n.a.	W25
T 26	17 38 43	23°35'19	24° 9	11°14	25°53	7°49	9°37	25°16	2°39	28°14	0°58	18°34	18°15	22°23	n.a.	T 26
F 27	17 42 39	24°32'43	6♍39	13°12	27° 7	8°29	9°30	25°22	2°40	28°15	1° 0	18°33	18°12	22°30	n.a.	F 27
S 28	17 46 36	25°30'08	19°27	15°11	28°21	9° 8	9°23	25°27	2°41	28°15	1° 1	18°D33	18° 9	22°37	n.a.	S 28
S 29	17 50 32	26°27'34	2♎36	17°12	29°35	9°48	9°15	25°32	2°42	28°15	1° 3	18°33	18° 6	22°43	n.a.	S 29
M30	17 54 29	27♊25'01	16♎ 9	19♊14	0♋49	10♉27	9♑ 8	25♈37	2♈43	28♍15	1♌ 5	18♐33	18♐ 2	22♊50	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n25	2s14	5s15	12n21	4s11	19n18	0s 2	7n41	0s40	23s58	0s43	6n55	2s13	0n11	0s40	2n33	2n 3	33n35	13n33	23s20	23s24	23n24		n.a.
M 2	20 37	7 31	5 0	12 27	4 6	19 38	0n 0	7 57	0 40	23 59	0 43	6 57	2 13	0 12	0 40	2 34	2 3	33 34	13 33	23 19	23 24	23 23		n.a.
T 3	20 49	12 35	4 26	12 36	4 1	19 58	0 3	8 13	0 39	24 0	0 43	7 0	2 13	0 13	0 40	2 34	2 3	33 34	13 32	23 19	23 23	23 23		n.a.
W 4	21 0	17 6	3 35	12 46	3 54	20 17	0 5	8 29	0 39	24 0	0 44	7 2	2 13	0 14	0 40	2 34	2 3	33 33	13 32	23 19	23 23	23 23		n.a.
T 5	21 12	20 38	2 27	13 0	3 47	20 35	0 7	8 45	0 38	24 1	0 44	7 5	2 13	0 14	0 40	2 34	2 3	33 32	13 32	23 19	23 23	23 22		n.a.
F 6	21 22	22 47	1 9	13 15	3 39	20 53	0 10	9 1	0 38	24 2	0 44	7 7	2 13	0 15	0 40	2 34	2 3	33 32	13 31	23 19	23 23	23 22		n.a.
S 7	21 33	23 17	0n14	13 33	3 29	21 11	0 12	9 16	0 37	24 2	0 44	7 9	2 13	0 16	0 40	2 34	2 3	33 31	13 31	23 19	23 22	23 22		n.a.
S 8	21 43	22 4	1 36	13 53	3 20	21 27	0 14	9 32	0 36	24 3	0 45	7 12	2 14	0 17	0 40	2 34	2 3	33 31	13 31	23 19	23 22	23 21		n.a.
M 9	21 53	19 19	2 51	14 15	3 9	21 44	0 17	9 48	0 36	24 4	0 45	7 14	2 14	0 18	0 40	2 34	2 3	33 30	13 31	23 19	23 22	23 21		n.a.
T 10	22 2	15 25	3 52	14 39	2 58	21 59	0 19	10 3	0 35	24 4	0 45	7 16	2 14	0 18	0 40	2 34	2 3	33 29	13 30	23 19	23 22	23 20		n.a.
W11	22 11	10 45	4 38	15 5	2 46	22 14	0 21	10 19	0 35	24 5	0 45	7 19	2 14	0 19	0 40	2 35	2 2	33 29	13 30	23 19	23 21	23 20		n.a.
T 12	22 20	5 40	5 6	15 32	2 34	22 28	0 24	10 34	0 34	24 6	0 46	7 21	2 14	0 20	0 40	2 35	2 2	33 28	13 30	23 19	23 21	23 20		n.a.
F 13	22 28	0 28	5 17	16 1	2 21	22 42	0 26	10 49	0 33	24 6	0 46	7 23	2 14	0 20	0 40	2 35	2 2	33 28	13 30	23 19	23 21	23 19		n.a.
S 14	22 36	4n37	5 12	16 31	2 9	22 55	0 28	11 4	0 33	24 7	0 46	7 25	2 14	0 21	0 40	2 35	2 2	33 27	13 29	23 19	23 20	23 19		n.a.
S 15	22 43	9 23	4 51	17 2	1 56	23 7	0 30	11 19	0 32	24 8	0 46	7 27	2 14	0 22	0 40	2 35	2 2	33 26	13 29	23 19	23 20	23 18		n.a.
M16	22 51	13 40	4 17	17 34	1 42	23 19	0 32	11 34	0 31	24 9	0 46	7 29	2 15	0 22	0 40	2 35	2 2	33 26	13 29	23 19	23 20	23 18		n.a.
T 17	22 57	17 20	3 32	18 7	1 29	23 30	0 35	11 49	0 31	24 9	0 47	7 32	2 15	0 23	0 40	2 35	2 2	33 25	13 29	23 19	23 20	23 17		n.a.
W18	23 4	20 13	2 38	18 40	1 15	23 41	0 37	12 3	0 30	24 10	0 47	7 34	2 15	0 23	0 40	2 35	2 2	33 25	13 28	23 19	23 19	23 17		n.a.
T 19	23 9	22 13	1 38	19 14	1 2	23 50	0 39	12 18	0 30	24 11	0 47	7 36	2 15	0 24	0 40	2 35	2 2	33 24	13 28	23 19	23 19	23 17		n.a.
F 20	23 15	23 12	0 34	19 47	0 49	23 59	0 41	12 32	0 29	24 12	0 47	7 38	2 15	0 24	0 40	2 34	2 2	33 23	13 28	23 19	23 19	23 16		n.a.
S 21	23 20	23 10	0s32	20 20	0 36	24 7	0 43	12 47	0 28	24 12	0 48	7 40	2 15	0 25	0 40	2 34	2 2	33 23	13 28	23 19	23 19	23 16		n.a.
S 22	23 25	22 5	1 36	20 53	0 23	24 15	0 45	13 1	0 28	24 13	0 48	7 42	2 15	0 25	0 40	2 34	2 2	33 22	13 28	23 19	23 18	23 15		n.a.
M23	23 29	20 1	2 36	21 25	0 10	24 22	0 47	13 15	0 27	24 14	0 48	7 44	2 16	0 26	0 40	2 34	2 2	33 22	13 27	23 19	23 18	23 15		n.a.
T 24	23 33	17 5	3 30	21 56	0n 2	24 28	0 49	13 29	0 26	24 15	0 48	7 45	2 16	0 26	0 40	2 34	2 2	33 21	13 27	23 19	23 18	23 14		n.a.
W25	23 36	13 25	4 15	22 25	0 14	24 33	0 51	13 43	0 26	24 15	0 48	7 47	2 16	0 27	0 40	2 34	2 2	33 20	13 27	23 19	23 17	23 14		n.a.
T 26	23 39	9 8	4 49	22 53	0 25	24 38	0 53	13 56	0 25	24 16	0 49	7 49	2 16	0 27	0 40	2 34	2 1	33 20	13 27	23 19	23 17	23 13		n.a.
F 27	23 42	4 24	5 11	23 20	0 35	24 42	0 55	14 10	0 24	24 17	0 49	7 51	2 16	0 28	0 40	2 34	2 1	33 19	13 27	23 19	23 17	23 13		n.a.
S 28	23 44	0s37	5 18	23 44	0 45	24 45	0 56	14 23	0 24	24 17	0 49	7 53	2 16	0 28	0 40	2 34	2 1	33 19	13 26	23 19	23 17	23 12		n.a.
S 29	23 46	5 45	5 8	24 6	0 55	24 47	0 58	14 37	0 23	24 18	0 49	7 54	2 17	0 28	0 40	2 33	2 1	33 18	13 26	23 19	23 16	23 12		n.a.
M30	23n47	10s46	4s42	24n25	1n 3	24n49	1n 0	14n50	0s22	24s19	0s49	7n56	2s17	0n29	0s40	2n33	2n 1	33n17	13n26	23s19	23s16	23n11		n.a.

Julian Day Number = 1354498.5, Delta T = 07h04m23s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'40, Lahiri = -17°49'39 Julian Calendar 1 June 1005 BCE == Greg. Calendar 22 May 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

JULY 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 58 26	28♊22'28	0♏ 8	21♊17	2♋ 3	11♉ 6	9°R 0	25♈42	2♈44	28♍16	1♌ 7	18♐34	17♐59	22♊57	n.a.	T 1
W 2	18 2 22	29°19'57	14°31	23°20	3°17	11°45	8♑53	25°47	2°45	28°16	1° 9	18°35	17°56	23° 3	n.a.	W 2
T 3	18 6 19	0♋17'27	29°17	25°24	4°32	12°25	8°45	25°52	2°45	28°17	1°11	18°36	17°53	23°10	n.a.	T 3
F 4	18 10 15	1°14'58	14♐19	27°28	5°46	13° 4	8°37	25°57	2°46	28°17	1°13	18°R36	17°50	23°16	n.a.	F 4
S 5	18 14 12	2°12'30	29°30	29°31	7° 0	13°43	8°30	26° 1	2°47	28°18	1°14	18°36	17°47	23°23	n.a.	S 5
S 6	18 18 8	3°10'04	14♑40	1♋34	8°14	14°22	8°22	26° 6	2°48	28°18	1°16	18°35	17°43	23°30	n.a.	S 6
M 7	18 22 5	4° 7'39	29°41	3°37	9°28	15° 1	8°14	26°11	2°48	28°19	1°18	18°34	17°40	23°36	n.a.	M 7
T 8	18 26 2	5° 5'15	14♒23	5°38	10°43	15°39	8° 6	26°15	2°49	28°19	1°20	18°32	17°37	23°43	n.a.	T 8
W 9	18 29 58	6° 2'53	28°41	7°39	11°57	16°18	7°58	26°19	2°49	28°20	1°22	18°30	17°34	23°50	n.a.	W 9
T 10	18 33 55	7° 0'33	12♓33	9°39	13°11	16°57	7°51	26°24	2°50	28°20	1°24	18°28	17°31	23°56	n.a.	T 10
F 11	18 37 51	7°58'14	25°56	11°37	14°25	17°35	7°43	26°28	2°50	28°21	1°26	18°26	17°27	24° 3	n.a.	F 11
S 12	18 41 48	8°55'58	8♈54	13°34	15°40	18°14	7°35	26°32	2°50	28°22	1°28	18°D26	17°24	24°10	n.a.	S 12
S 13	18 45 44	9°53'43	21°30	15°30	16°54	18°52	7°27	26°36	2°51	28°23	1°30	18°26	17°21	24°16	n.a.	S 13
M14	18 49 41	10°51'30	3♉47	17°25	18° 8	19°30	7°19	26°40	2°51	28°23	1°32	18°28	17°18	24°23	n.a.	M14
T 15	18 53 37	11°49'19	15°50	19°19	19°23	20° 9	7°11	26°44	2°51	28°24	1°34	18°29	17°15	24°30	n.a.	T 15
W16	18 57 34	12°47'09	27°44	21°11	20°37	20°47	7° 4	26°48	2°51	28°25	1°36	18°31	17°12	24°36	n.a.	W16
T 17	19 1 31	13°45'02	9♊33	23° 1	21°51	21°25	6°56	26°51	2°51	28°26	1°38	18°32	17° 8	24°43	n.a.	T 17
F 18	19 5 27	14°42'56	21°19	24°51	23° 6	22° 3	6°48	26°55	2°R51	28°27	1°40	18°R32	17° 5	24°50	n.a.	F 18
S 19	19 9 24	15°40'52	3♋ 7	26°39	24°20	22°41	6°40	26°58	2°51	28°28	1°42	18°31	17° 2	24°56	n.a.	S 19
S 20	19 13 20	16°38'50	14°58	28°26	25°34	23°19	6°33	27° 2	2°51	28°29	1°44	18°29	16°59	25° 3	n.a.	S 20
M21	19 17 17	17°36'50	26°56	0♌11	26°49	23°57	6°25	27° 5	2°51	28°30	1°46	18°25	16°56	25° 9	n.a.	M21
T 22	19 21 13	18°34'52	9♌ 1	1°55	28° 3	24°34	6°18	27° 8	2°51	28°31	1°48	18°21	16°53	25°16	n.a.	T 22
W23	19 25 10	19°32'55	21°15	3°38	29°18	25°12	6°10	27°11	2°51	28°32	1°50	18°15	16°49	25°23	n.a.	W23
T 24	19 29 6	20°30'59	3♍40	5°20	0♌32	25°49	6° 3	27°14	2°51	28°33	1°52	18°10	16°46	25°29	n.a.	T 24
F 25	19 33 3	21°29'05	16°18	7° 0	1°47	26°27	5°56	27°17	2°50	28°34	1°55	18° 5	16°43	25°36	n.a.	F 25
S 26	19 37 0	22°27'13	29°11	8°39	3° 1	27° 4	5°48	27°20	2°50	28°35	1°57	18° 2	16°40	25°43	n.a.	S 26
S 27	19 40 56	23°25'23	12♎20	10°17	4°16	27°41	5°41	27°22	2°50	28°36	1°59	18° 0	16°37	25°49	n.a.	S 27
M28	19 44 53	24°23'34	25°48	11°53	5°30	28°19	5°34	27°25	2°49	28°37	2° 1	17°D59	16°33	25°56	n.a.	M28
T 29	19 48 49	25°21'46	9♏36	13°29	6°44	28°56	5°27	27°27	2°49	28°38	2° 3	18° 0	16°30	26° 3	n.a.	T 29
W30	19 52 46	26°20'01	23°44	15° 3	7°59	29°33	5°20	27°30	2°48	28°40	2° 5	18° 1	16°27	26° 9	n.a.	W30
T 31	19 56 42	27♋18'17	8♐13	16♌36	9♌13	0♊10	5♑14	27♈32	2♈47	28♍41	2♌ 7	18♐ 2	16♐24	26♊16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	23n48	15s24	3s58	24n42	1n11	24n50	1n 2	15n 3	0s22	24s20	0s50	7n58	2s17	0n29	0s40	2n33	2n 1	33n17	13n26	23s19	23s16	23n11			n.a.
W 2	23 49	19 17	2 58	24 57	1 18	24 50	1 3	15 16	0 21	24 20	0 50	7 59	2 17	0 29	0 40	2 33	2 1	33 16	13 26	23 19	23 15	23 10			n.a.
T 3	23 49	22 1	1 45	25 8	1 24	24 49	1 5	15 29	0 20	24 21	0 50	8 1	2 17	0 30	0 41	2 32	2 1	33 16	13 26	23 19	23 15	23 10			n.a.
F 4	23 48	23 16	0 24	25 17	1 30	24 48	1 6	15 42	0 20	24 22	0 50	8 3	2 17	0 30	0 41	2 32	2 1	33 15	13 25	23 19	23 15	23 9			n.a.
S 5	23 48	22 49	1n 0	25 24	1 35	24 45	1 8	15 54	0 19	24 22	0 50	8 4	2 18	0 30	0 41	2 32	2 1	33 14	13 25	23 19	23 15	23 9			n.a.
S 6	23 47	20 41	2 20	25 27	1 39	24 42	1 9	16 7	0 18	24 23	0 50	8 6	2 18	0 30	0 41	2 32	2 1	33 14	13 25	23 19	23 14	23 8			n.a.
M 7	23 45	17 9	3 28	25 28	1 42	24 39	1 11	16 19	0 17	24 24	0 51	8 7	2 18	0 31	0 41	2 31	2 1	33 13	13 25	23 19	23 14	23 7			n.a.
T 8	23 43	12 36	4 22	25 26	1 45	24 34	1 12	16 31	0 17	24 24	0 51	8 9	2 18	0 31	0 41	2 31	2 1	33 13	13 25	23 19	23 14	23 7			n.a.
W 9	23 40	7 28	4 58	25 22	1 46	24 29	1 13	16 43	0 16	24 25	0 51	8 10	2 18	0 31	0 41	2 31	2 1	33 12	13 25	23 18	23 13	23 6			n.a.
T 10	23 38	2 7	5 14	25 15	1 48	24 23	1 15	16 55	0 15	24 26	0 51	8 12	2 19	0 31	0 41	2 31	2 1	33 12	13 25	23 18	23 13	23 6			n.a.
F 11	23 34	3n 9	5 13	25 6	1 48	24 16	1 16	17 7	0 14	24 26	0 51	8 13	2 19	0 31	0 41	2 30	2 1	33 11	13 25	23 18	23 13	23 5			n.a.
S 12	23 30	8 6	4 56	24 54	1 48	24 9	1 17	17 18	0 14	24 27	0 51	8 14	2 19	0 31	0 41	2 30	2 0	33 10	13 25	23 18	23 12	23 5			n.a.
S 13	23 26	12 36	4 25	24 40	1 47	24 1	1 18	17 30	0 13	24 27	0 51	8 15	2 19	0 32	0 41	2 29	2 0	33 10	13 24	23 18	23 12	23 4			n.a.
M14	23 22	16 27	3 43	24 25	1 46	23 52	1 19	17 41	0 12	24 28	0 52	8 17	2 19	0 32	0 41	2 29	2 0	33 9	13 24	23 18	23 12	23 3			n.a.
T 15	23 17	19 33	2 51	24 7	1 44	23 42	1 20	17 52	0 11	24 29	0 52	8 18	2 20	0 32	0 41	2 29	2 0	33 9	13 24	23 18	23 12	23 3			n.a.
W16	23 11	21 47	1 52	23 48	1 42	23 32	1 21	18 3	0 11	24 29	0 52	8 19	2 20	0 32	0 41	2 28	2 0	33 8	13 24	23 19	23 11	23 2			n.a.
T 17	23 5	23 3	0 49	23 27	1 39	23 21	1 21	18 14	0 10	24 30	0 52	8 20	2 20	0 32	0 41	2 28	2 0	33 8	13 24	23 19	23 11	23 2			n.a.
F 18	22 59	23 16	0s15	23 4	1 36	23 9	1 22	18 25	0 9	24 30	0 52	8 21	2 20	0 32	0 41	2 28	2 0	33 7	13 24	23 19	23 11	23 1			n.a.
S 19	22 53	22 27	1 19	22 40	1 33	22 57	1 23	18 36	0 8	24 31	0 52	8 22	2 20	0 32	0 41	2 27	2 0	33 6	13 24	23 19	23 10	23 0			n.a.
S 20	22 46	20 38	2 20	22 14	1 28	22 44	1 24	18 46	0 8	24 31	0 52	8 23	2 21	0 32	0 41	2 27	2 0	33 6	13 24	23 18	23 10	23 0			n.a.
M21	22 38	17 54	3 15	21 48	1 24	22 30	1 24	18 56	0 7	24 32	0 52	8 24	2 21	0 32	0 41	2 26	2 0	33 5	13 24	23 18	23 10	22 59			n.a.
T 22	22 30	14 24	4 2	21 20	1 19	22 15	1 25	19 7	0 6	24 32	0 53	8 25	2 21	0 31	0 41	2 26	2 0	33 5	13 24	23 18	23 9	22 59			n.a.
W23	22 22	10 15	4 38	20 51	1 14	22 0	1 25	19 17	0 5	24 33	0 53	8 26	2 21	0 31	0 41	2 25	2 0	33 4	13 24	23 17	23 9	22 58			n.a.
T 24	22 13	5 38	5 2	20 21	1 9	21 44	1 25	19 27	0 4	24 33	0 53	8 27	2 21	0 31	0 41	2 25	2 0	33 4	13 24	23 17	23 9	22 57			n.a.
F 25	22 4	0 42	5 12	19 50	1 3	21 28	1 26	19 36	0 4	24 34	0 53	8 28	2 22	0 31	0 41	2 24	2 0	33 3	13 24	23 16	23 8	22 57			n.a.
S 26	21 55	4s20	5 6	19 18	0 57	21 11	1 26	19 46	0 3	24 34	0 53	8 29	2 22	0 31	0 41	2 24	2 0	33 3	13 24	23 16	23 8	22 56			n.a.
S 27	21 45	9 18	4 45	18 45	0 51	20 53	1 26	19 55	0 2	24 34	0 53	8 30	2 22	0 31	0 41	2 23	2 0	33 2	13 24	23 16	23 8	22 55			n.a.
M28	21 35	13 56	4 7	18 12	0 44	20 35	1 26	20 4	0 1	24 35	0 53	8 30	2 22	0 31	0 41	2 23	1 59	33 2	13 24	23 16	23 7	22 55			n.a.
T 29	21 24	17 58	3 14	17 38	0 38	20 16	1 26	20 14	0 0	24 35	0 53	8 31	2 23	0 30	0 41	2 22	1 59	33 1	13 24	23 16	23 7	22 54			n.a.
W30	21 13	21 4	2 9	17 4	0 31	19 57	1 26	20 23	0n 0	24 36	0 53	8 32	2 23	0 30	0 41	2 22	1 59	33 1	13 24	23 16	23 7	22 53			n.a.
T 31	21n 2	22s54	0s53	16n29	0n24	19n37	1n26	20n31	0n 1	24s36	0s53	8n32	2s23	0n30	0s41	2n21	1n59	33n 0	13n24	23s16	23s 6	22n53			n.a.

Julian Day Number = 1354528.5, Delta T = 07h04m22s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'36, Lahiri = -17°49'35 Julian Calendar 1 July 1005 BCE == Greg. Calendar 21 June 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

AUGUST 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 0 39	28♋16'34	22♐58	18♌ 7	10♌28	0♊46	5°R 7	27♈34	2°R47	28♍42	2♌ 9	18°R 2	16♐21	26♊23	n.a.	F 1
S 2	20 4 35	29°14'54	7♑55	19°38	11°42	1°23	5♑ 0	27°36	2♈46	28°44	2°11	18♐ 1	16°18	26°29	n.a.	S 2
S 3	20 8 32	0♌13'15	22°57	21° 7	12°57	2° 0	4°54	27°38	2°45	28°45	2°14	17°58	16°14	26°36	n.a.	S 3
M 4	20 12 29	1°11'39	7♒53	22°35	14°11	2°36	4°48	27°40	2°45	28°46	2°16	17°52	16°11	26°43	n.a.	M 4
T 5	20 16 25	2°10'04	22°37	24° 2	15°26	3°13	4°42	27°42	2°44	28°48	2°18	17°46	16° 8	26°49	n.a.	T 5
W 6	20 20 22	3° 8'31	7♓ 0	25°27	16°40	3°49	4°35	27°43	2°43	28°49	2°20	17°39	16° 5	26°56	n.a.	W 6
T 7	20 24 18	4° 7'00	20°57	26°51	17°55	4°25	4°30	27°45	2°42	28°51	2°22	17°32	16° 2	27° 2	n.a.	T 7
F 8	20 28 15	5° 5'32	4♈26	28°14	19° 9	5° 1	4°24	27°46	2°41	28°52	2°24	17°27	15°59	27° 9	n.a.	F 8
S 9	20 32 11	6° 4'06	17°28	29°36	20°24	5°38	4°18	27°48	2°40	28°54	2°26	17°23	15°55	27°16	n.a.	S 9
S 10	20 36 8	7° 2'43	0♉ 6	0♍56	21°38	6°14	4°13	27°49	2°39	28°55	2°28	17°21	15°52	27°22	n.a.	S 10
M11	20 40 4	8° 1'21	12°23	2°15	22°53	6°49	4° 7	27°50	2°38	28°57	2°30	17°D21	15°49	27°29	n.a.	M11
T 12	20 44 1	9° 0'03	24°25	3°32	24° 7	7°25	4° 2	27°51	2°37	28°58	2°33	17°22	15°46	27°36	n.a.	T 12
W13	20 47 57	9°58'46	6♊17	4°48	25°22	8° 1	3°57	27°52	2°35	29° 0	2°35	17°23	15°43	27°42	n.a.	W13
T 14	20 51 54	10°57'32	18° 5	6° 2	26°37	8°36	3°53	27°53	2°34	29° 2	2°37	17°R23	15°39	27°49	n.a.	T 14
F 15	20 55 51	11°56'21	29°51	7°15	27°51	9°12	3°48	27°53	2°33	29° 3	2°39	17°22	15°36	27°56	n.a.	F 15
S 16	20 59 47	12°55'11	11♋42	8°26	29° 6	9°47	3°43	27°54	2°32	29° 5	2°41	17°19	15°33	28° 2	n.a.	S 16
S 17	21 3 44	13°54'04	23°40	9°35	0♍20	10°23	3°39	27°54	2°30	29° 7	2°43	17°14	15°30	28° 9	n.a.	S 17
M18	21 7 40	14°52'59	5♌48	10°42	1°35	10°58	3°35	27°54	2°29	29° 8	2°45	17° 6	15°27	28°16	n.a.	M18
T 19	21 11 37	15°51'56	18° 6	11°47	2°49	11°33	3°31	27°55	2°27	29°10	2°47	16°56	15°24	28°22	n.a.	T 19
W20	21 15 33	16°50'56	0♍37	12°49	4° 4	12° 8	3°27	27°R55	2°26	29°12	2°49	16°45	15°20	28°29	n.a.	W20
T 21	21 19 30	17°49'57	13°19	13°49	5°18	12°42	3°23	27°55	2°24	29°14	2°51	16°34	15°17	28°36	n.a.	T 21
F 22	21 23 26	18°49'00	26°14	14°47	6°33	13°17	3°20	27°55	2°23	29°15	2°53	16°24	15°14	28°42	n.a.	F 22
S 23	21 27 23	19°48'06	9♎20	15°42	7°47	13°52	3°17	27°54	2°21	29°17	2°56	16°16	15°11	28°49	n.a.	S 23
S 24	21 31 19	20°47'13	22°39	16°33	9° 2	14°26	3°14	27°54	2°20	29°19	2°58	16°10	15° 8	28°56	n.a.	S 24
M25	21 35 16	21°46'23	6♏10	17°22	10°16	15° 0	3°11	27°53	2°18	29°21	3° 0	16° 7	15° 4	29° 2	n.a.	M25
T 26	21 39 13	22°45'34	19°54	18° 6	11°31	15°35	3° 8	27°53	2°16	29°23	3° 2	16°D 6	15° 1	29° 9	n.a.	T 26
W27	21 43 9	23°44'47	3♐52	18°47	12°46	16° 9	3° 6	27°52	2°14	29°25	3° 4	16° 6	14°58	29°15	n.a.	W27
T 28	21 47 6	24°44'02	18° 4	19°24	14° 0	16°43	3° 3	27°51	2°13	29°27	3° 6	16°R 6	14°55	29°22	n.a.	T 28
F 29	21 51 2	25°43'19	2♑28	19°55	15°15	17°17	3° 1	27°50	2°11	29°28	3° 8	16° 5	14°52	29°29	n.a.	F 29
S 30	21 54 59	26°42'38	17° 3	20°22	16°29	17°50	2°59	27°49	2° 9	29°30	3°10	16° 2	14°49	29°35	n.a.	S 30
S 31	21 58 55	27♌41'59	1♒42	20♍43	17♍44	18♊24	2♑58	27♈48	2♈ 7	29♍32	3♌12	15♐56	14♐45	29♊42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	20n50	23s11	0n27	15n54	0n16	19n16	1n26	20n40	0n 2	24s36	0s53	8n33	2s23	0n29	0s41	2n20	1n59	33n 0	13n24	23s16	23s 6	22n52		n.a.
S 2	20 38	21 49	1 46	15 18	0 9	18 55	1 26	20 48	0 3	24 37	0 53	8 33	2 23	0 29	0 41	2 20	1 59	32 59	13 24	23 16	23 6	22 51		n.a.
S 3	20 25	18 54	2 58	14 42	0 1	18 33	1 26	20 57	0 4	24 37	0 54	8 34	2 24	0 29	0 41	2 19	1 59	32 59	13 24	23 16	23 5	22 51		n.a.
M 4	20 12	14 46	3 57	14 6	0s 6	18 11	1 25	21 5	0 5	24 37	0 54	8 34	2 24	0 29	0 41	2 19	1 59	32 58	13 24	23 15	23 5	22 50		n.a.
T 5	19 59	9 47	4 40	13 30	0 14	17 49	1 25	21 13	0 6	24 37	0 54	8 35	2 24	0 28	0 41	2 18	1 59	32 58	13 24	23 14	23 5	22 49		n.a.
W 6	19 46	4 23	5 3	12 53	0 22	17 25	1 24	21 21	0 6	24 38	0 54	8 35	2 24	0 28	0 41	2 17	1 59	32 57	13 24	23 14	23 4	22 48		n.a.
T 7	19 32	1n 4	5 8	12 17	0 30	17 2	1 24	21 29	0 7	24 38	0 54	8 35	2 25	0 27	0 42	2 17	1 59	32 57	13 24	23 13	23 4	22 48		n.a.
F 8	19 18	6 18	4 55	11 40	0 38	16 38	1 23	21 36	0 8	24 38	0 54	8 36	2 25	0 27	0 42	2 16	1 59	32 56	13 24	23 13	23 4	22 47		n.a.
S 9	19 3	11 4	4 28	11 4	0 47	16 13	1 23	21 44	0 9	24 38	0 54	8 36	2 25	0 27	0 42	2 16	1 59	32 56	13 25	23 12	23 3	22 46		n.a.
S 10	18 48	15 13	3 47	10 28	0 55	15 48	1 22	21 51	0 10	24 39	0 54	8 36	2 25	0 26	0 42	2 15	1 59	32 55	13 25	23 12	23 3	22 46		n.a.
M11	18 33	18 36	2 57	9 51	1 3	15 23	1 21	21 58	0 11	24 39	0 54	8 36	2 25	0 26	0 42	2 14	1 59	32 55	13 25	23 12	23 3	22 45		n.a.
T 12	18 17	21 7	2 1	9 15	1 12	14 57	1 20	22 5	0 12	24 39	0 54	8 37	2 26	0 25	0 42	2 14	1 59	32 55	13 25	23 12	23 2	22 44		n.a.
W13	18 1	22 40	1 0	8 40	1 20	14 30	1 19	22 12	0 13	24 39	0 54	8 37	2 26	0 25	0 42	2 13	1 59	32 54	13 25	23 12	23 2	22 43		n.a.
T 14	17 45	23 13	0s 4	8 4	1 28	14 4	1 18	22 18	0 14	24 39	0 54	8 37	2 26	0 24	0 42	2 12	1 59	32 54	13 25	23 12	23 2	22 43		n.a.
F 15	17 29	22 42	1 7	7 30	1 37	13 37	1 17	22 25	0 14	24 39	0 54	8 37	2 26	0 24	0 42	2 11	1 59	32 53	13 25	23 12	23 1	22 42		n.a.
S 16	17 12	21 11	2 7	6 55	1 45	13 9	1 16	22 31	0 15	24 40	0 54	8 37	2 27	0 23	0 42	2 11	1 59	32 53	13 25	23 12	23 1	22 41		n.a.
S 17	16 55	18 43	3 2	6 21	1 53	12 42	1 15	22 37	0 16	24 40	0 54	8 37	2 27	0 22	0 42	2 10	1 58	32 53	13 25	23 11	23 1	22 40		n.a.
M18	16 37	15 25	3 49	5 48	2 1	12 13	1 14	22 43	0 17	24 40	0 54	8 37	2 27	0 22	0 42	2 9	1 58	32 52	13 26	23 11	23 0	22 40		n.a.
T 19	16 20	11 25	4 27	5 16	2 9	11 45	1 12	22 49	0 18	24 40	0 54	8 36	2 27	0 21	0 42	2 8	1 58	32 52	13 26	23 10	23 0	22 39		n.a.
W20	16 2	6 53	4 52	4 44	2 17	11 16	1 11	22 55	0 19	24 40	0 54	8 36	2 27	0 21	0 42	2 8	1 58	32 51	13 26	23 9	23 0	22 38		n.a.
T 21	15 44	2 0	5 3	4 14	2 25	10 47	1 9	23 1	0 20	24 40	0 54	8 36	2 28	0 20	0 42	2 7	1 58	32 51	13 26	23 7	22 59	22 37		n.a.
F 22	15 25	3s 3	4 59	3 45	2 33	10 18	1 8	23 6	0 21	24 40	0 54	8 36	2 28	0 19	0 42	2 6	1 58	32 51	13 26	23 6	22 59	22 36		n.a.
S 23	15 6	8 2	4 40	3 16	2 40	9 48	1 6	23 11	0 22	24 40	0 54	8 35	2 28	0 19	0 42	2 5	1 58	32 50	13 26	23 6	22 59	22 36		n.a.
S 24	14 47	12 43	4 5	2 50	2 47	9 18	1 5	23 16	0 23	24 40	0 54	8 35	2 28	0 18	0 42	2 5	1 58	32 50	13 27	23 5	22 58	22 35		n.a.
M25	14 28	16 51	3 16	2 24	2 54	8 48	1 3	23 21	0 24	24 40	0 54	8 35	2 29	0 17	0 42	2 4	1 58	32 50	13 27	23 5	22 58	22 34		n.a.
T 26	14 9	20 9	2 15	2 1	3 0	8 18	1 1	23 26	0 25	24 41	0 54	8 34	2 29	0 17	0 42	2 3	1 58	32 49	13 27	23 5	22 57	22 33		n.a.
W27	13 49	22 19	1 5	1 39	3 6	7 47	1 0	23 31	0 26	24 41	0 54	8 34	2 29	0 16	0 42	2 2	1 58	32 49	13 27	23 5	22 57	22 32		n.a.
T 28	13 29	23 6	0n10	1 20	3 12	7 17	0 58	23 35	0 27	24 41	0 54	8 33	2 29	0 15	0 42	2 1	1 58	32 49	13 27	23 5	22 57	22 32		n.a.
F 29	13 9	22 22	1 26	1 2	3 17	6 46	0 56	23 40	0 28	24 41	0 54	8 33	2 29	0 14	0 42	2 1	1 58	32 48	13 28	23 4	22 56	22 31		n.a.
S 30	12 48	20 7	2 37	0 48	3 21	6 15	0 54	23 44	0 29	24 41	0 54	8 32	2 30	0 14	0 42	2 0	1 58	32 48	13 28	23 4	22 56	22 30		n.a.
S 31	12n28	16s34	3n37	0n36	3s25	5n43	0n52	23n48	0n30	24s41	0s54	8n32	2s30	0n13	0s42	1n59	1n58	32n48	13n28	23s 3	22s56	22n29		n.a.

Julian Day Number = 1354559.5, Delta T = 07h04m20s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'31, Lahiri = -17°49'31 Julian Calendar 1 Aug. 1005 BCE == Greg. Calendar 22 July 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

SEPTEMBER 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 2 52	28♌41'22	16♒20	20♍58	18♍58	18♊57	2°R56	27°R47	2°R 5	29♍34	3♌14	15°R47	14♐42	29♊49	n.a.	M 1
T 2	22 6 48	29°40'47	0♓50	21° 7	20°12	19°31	2♑55	27♈46	2♈ 3	29°36	3°16	15♐37	14°39	29°55	n.a.	T 2
W 3	22 10 45	0♍40'14	15° 4	21°R 9	21°27	20° 4	2°54	27°44	2° 1	29°38	3°17	15°25	14°36	0♋ 2	n.a.	W 3
T 4	22 14 42	1°39'43	28°57	21° 3	22°41	20°37	2°53	27°43	1°59	29°40	3°19	15°14	14°33	0° 9	n.a.	T 4
F 5	22 18 38	2°39'15	12♈26	20°49	23°56	21°10	2°52	27°41	1°57	29°42	3°21	15° 4	14°30	0°15	n.a.	F 5
S 6	22 22 35	3°38'49	25°29	20°28	25°10	21°43	2°52	27°39	1°55	29°45	3°23	14°56	14°26	0°22	n.a.	S 6
S 7	22 26 31	4°38'25	8♉ 9	19°57	26°25	22°15	2°51	27°37	1°53	29°47	3°25	14°51	14°23	0°29	n.a.	S 7
M 8	22 30 28	5°38'04	20°28	19°19	27°39	22°48	2°D51	27°35	1°51	29°49	3°27	14°49	14°20	0°35	n.a.	M 8
T 9	22 34 24	6°37'45	2♊31	18°32	28°54	23°20	2°51	27°33	1°49	29°51	3°29	14°48	14°17	0°42	n.a.	T 9
W10	22 38 21	7°37'29	14°23	17°38	0♎ 8	23°52	2°52	27°31	1°46	29°53	3°31	14°48	14°14	0°49	n.a.	W10
T 11	22 42 17	8°37'15	26°11	16°36	1°22	24°24	2°52	27°29	1°44	29°55	3°32	14°48	14°10	0°55	n.a.	T 11
F 12	22 46 14	9°37'03	8♋ 0	15°28	2°37	24°56	2°53	27°26	1°42	29°57	3°34	14°46	14° 7	1° 2	n.a.	F 12
S 13	22 50 10	10°36'54	19°54	14°16	3°51	25°28	2°54	27°24	1°40	29°59	3°36	14°42	14° 4	1° 9	n.a.	S 13
S 14	22 54 7	11°36'47	1♌57	13° 2	5° 6	26° 0	2°55	27°21	1°37	0♎ 1	3°38	14°35	14° 1	1°15	n.a.	S 14
M15	22 58 4	12°36'42	14°14	11°47	6°20	26°31	2°56	27°18	1°35	0° 4	3°40	14°25	13°58	1°22	n.a.	M15
T 16	23 2 0	13°36'40	26°46	10°34	7°34	27° 2	2°57	27°16	1°33	0° 6	3°41	14°13	13°55	1°28	n.a.	T 16
W17	23 5 57	14°36'39	9♍34	9°24	8°49	27°33	2°59	27°13	1°30	0° 8	3°43	14° 0	13°51	1°35	n.a.	W17
T 18	23 9 53	15°36'41	22°37	8°21	10° 3	28° 4	3° 1	27°10	1°28	0°10	3°45	13°46	13°48	1°42	n.a.	T 18
F 19	23 13 50	16°36'45	5♎55	7°26	11°18	28°35	3° 3	27° 7	1°26	0°12	3°46	13°33	13°45	1°48	n.a.	F 19
S 20	23 17 46	17°36'50	19°24	6°40	12°32	29° 5	3° 5	27° 3	1°23	0°15	3°48	13°23	13°42	1°55	n.a.	S 20
S 21	23 21 43	18°36'58	3♏ 3	6° 4	13°46	29°36	3° 8	27° 0	1°21	0°17	3°50	13°15	13°39	2° 2	n.a.	S 21
M22	23 25 39	19°37'07	16°50	5°40	15° 1	0♋ 6	3°11	26°57	1°18	0°19	3°51	13°11	13°36	2° 8	n.a.	M22
T 23	23 29 36	20°37'18	0♐43	5°28	16°15	0°36	3°13	26°53	1°16	0°21	3°53	13° 9	13°32	2°15	n.a.	T 23
W24	23 33 32	21°37'31	14°42	5°D27	17°29	1° 6	3°16	26°50	1°14	0°23	3°54	13° 9	13°29	2°22	n.a.	W24
T 25	23 37 29	22°37'45	28°46	5°37	18°43	1°35	3°20	26°46	1°11	0°26	3°56	13° 8	13°26	2°28	n.a.	T 25
F 26	23 41 26	23°38'01	12♑55	5°57	19°58	2° 5	3°23	26°43	1° 9	0°28	3°57	13° 7	13°23	2°35	n.a.	F 26
S 27	23 45 22	24°38'19	27° 7	6°28	21°12	2°34	3°27	26°39	1° 6	0°30	3°59	13° 4	13°20	2°42	n.a.	S 27
S 28	23 49 19	25°38'38	11♒21	7° 7	22°26	3° 3	3°31	26°35	1° 4	0°32	4° 0	12°58	13°16	2°48	n.a.	S 28
M29	23 53 15	26°38'59	25°32	7°54	23°40	3°32	3°35	26°31	1° 1	0°35	4° 2	12°49	13°13	2°55	n.a.	M29
T 30	23 57 12	27♍39'21	9♓36	8♍48	24♎55	4♋ 0	3♑39	26♈27	0♈59	0♎37	4♌ 3	12♐38	13♐10	3♋ 2	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	12n 7	12s 0	4n23	0n27	3s28	5n12	0n50	23n52	0n31	24s41	0s54	8n31	2s30	0n12	0s42	1n58	1n58	32n48	13n28	23s 3	22s55	22n28		n.a.
T 2	11 46	6 48	4 52	0 22	3 30	4 40	0 48	23 56	0 32	24 41	0 54	8 30	2 30	0 11	0 42	1 57	1 58	32 47	13 29	23 1	22 55	22 27		n.a.
W 3	11 24	1 21	5 2	0 21	3 31	4 9	0 46	23 59	0 33	24 41	0 54	8 30	2 30	0 10	0 42	1 57	1 58	32 47	13 29	23 0	22 55	22 26		n.a.
T 4	11 3	4n 3	4 53	0 23	3 31	3 37	0 44	24 3	0 34	24 41	0 54	8 29	2 31	0 10	0 42	1 56	1 58	32 47	13 29	22 59	22 54	22 26		n.a.
F 5	10 41	9 5	4 28	0 30	3 29	3 5	0 42	24 6	0 36	24 41	0 54	8 28	2 31	0 9	0 42	1 55	1 58	32 47	13 29	22 58	22 54	22 25		n.a.
S 6	10 20	13 34	3 50	0 42	3 26	2 33	0 39	24 10	0 37	24 41	0 54	8 27	2 31	0 8	0 42	1 54	1 58	32 46	13 30	22 57	22 53	22 24		n.a.
S 7	9 58	17 18	3 1	0 58	3 21	2 1	0 37	24 13	0 38	24 41	0 54	8 26	2 31	0 7	0 42	1 53	1 58	32 46	13 30	22 56	22 53	22 23		n.a.
M 8	9 35	20 9	2 5	1 19	3 15	1 29	0 35	24 16	0 39	24 41	0 54	8 26	2 31	0 6	0 42	1 52	1 58	32 46	13 30	22 56	22 53	22 22		n.a.
T 9	9 13	22 3	1 5	1 45	3 6	0 56	0 32	24 18	0 40	24 40	0 54	8 25	2 32	0 5	0 42	1 51	1 58	32 46	13 30	22 56	22 52	22 21		n.a.
W10	8 51	22 55	0 2	2 16	2 56	0 24	0 30	24 21	0 41	24 40	0 53	8 24	2 32	0 4	0 42	1 51	1 58	32 46	13 31	22 56	22 52	22 20		n.a.
T 11	8 28	22 45	1s 0	2 52	2 44	0s 8	0 27	24 24	0 42	24 40	0 53	8 23	2 32	0 3	0 42	1 50	1 58	32 45	13 31	22 56	22 52	22 19		n.a.
F 12	8 5	21 35	2 0	3 31	2 29	0 40	0 25	24 26	0 43	24 40	0 53	8 22	2 32	0 3	0 42	1 49	1 58	32 45	13 31	22 56	22 51	22 19		n.a.
S 13	7 42	19 26	2 54	4 14	2 13	1 13	0 22	24 29	0 44	24 40	0 53	8 20	2 32	0 2	0 42	1 48	1 58	32 45	13 32	22 55	22 51	22 18		n.a.
S 14	7 19	16 26	3 42	4 59	1 56	1 45	0 20	24 31	0 46	24 40	0 53	8 19	2 33	0 1	0 42	1 47	1 58	32 45	13 32	22 54	22 50	22 17		n.a.
M15	6 56	12 40	4 20	5 46	1 37	2 17	0 17	24 33	0 47	24 40	0 53	8 18	2 33	0s 0	0 42	1 46	1 58	32 45	13 32	22 53	22 50	22 16		n.a.
T 16	6 32	8 18	4 47	6 32	1 17	2 50	0 15	24 35	0 48	24 40	0 53	8 17	2 33	0 1	0 42	1 45	1 58	32 45	13 33	22 52	22 50	22 15		n.a.
W17	6 9	3 30	4 59	7 18	0 57	3 22	0 12	24 37	0 49	24 40	0 53	8 16	2 33	0 2	0 42	1 44	1 58	32 44	13 33	22 50	22 49	22 14		n.a.
T 18	5 46	1s33	4 57	8 1	0 36	3 54	0 9	24 38	0 50	24 40	0 53	8 15	2 33	0 3	0 42	1 43	1 58	32 44	13 33	22 49	22 49	22 13		n.a.
F 19	5 22	6 37	4 38	8 40	0 16	4 26	0 7	24 40	0 52	24 40	0 53	8 13	2 33	0 4	0 42	1 43	1 58	32 44	13 34	22 47	22 48	22 12		n.a.
S 20	4 58	11 27	4 4	9 16	0n 4	4 58	0 4	24 42	0 53	24 40	0 53	8 12	2 33	0 5	0 42	1 42	1 58	32 44	13 34	22 46	22 48	22 11		n.a.
S 21	4 34	15 46	3 15	9 46	0 22	5 30	0 1	24 43	0 54	24 40	0 53	8 11	2 34	0 6	0 42	1 41	1 57	32 44	13 34	22 45	22 48	22 10		n.a.
M22	4 10	19 16	2 14	10 11	0 40	6 1	0s 1	24 44	0 55	24 39	0 53	8 9	2 34	0 7	0 42	1 40	1 57	32 44	13 35	22 44	22 47	22 9		n.a.
T 23	3 46	21 41	1 5	10 31	0 56	6 33	0 4	24 45	0 57	24 39	0 53	8 8	2 34	0 8	0 42	1 39	1 57	32 44	13 35	22 44	22 47	22 8		n.a.
W24	3 22	22 47	0n 8	10 44	1 10	7 4	0 7	24 47	0 58	24 39	0 53	8 7	2 34	0 9	0 42	1 38	1 57	32 44	13 35	22 44	22 47	22 7		n.a.
T 25	2 58	22 27	1 22	10 53	1 23	7 36	0 10	24 47	0 59	24 39	0 53	8 5	2 34	0 10	0 42	1 37	1 57	32 44	13 36	22 44	22 46	22 7		n.a.
F 26	2 34	20 41	2 31	10 55	1 34	8 7	0 12	24 48	1 1	24 39	0 53	8 4	2 34	0 11	0 42	1 36	1 57	32 44	13 36	22 44	22 46	22 6		n.a.
S 27	2 10	17 37	3 30	10 52	1 43	8 38	0 15	24 49	1 2	24 39	0 53	8 2	2 34	0 12	0 42	1 35	1 57	32 44	13 37	22 43	22 45	22 5		n.a.
S 28	1 45	13 32	4 17	10 45	1 51	9 8	0 18	24 50	1 3	24 39	0 53	8 1	2 35	0 13	0 42	1 34	1 57	32 44	13 37	22 43	22 45	22 4		n.a.
M29	1 21	8 42	4 48	10 33	1 58	9 39	0 21	24 50	1 4	24 38	0 53	7 59	2 35	0 14	0 42	1 33	1 57	32 44	13 37	22 41	22 45	22 3		n.a.
T 30	0n57	3s27	5n 1	10n17	2n 3	10s 9	0s23	24n51	1n 6	24s38	0s52	7n58	2s35	0s15	0s42	1n33	1n57	32n44	13n38	22s40	22s44	22n 2		n.a.

Julian Day Number = 1354590.5, Delta T = 07h04m19s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'27, Lahiri = -17°49'27 Julian Calendar 1 Sept. 1005 BCE == Greg. Calendar 22 Aug. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

OCTOBER 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 1 8	28♍39'45	23♓29	9♍49	26♎ 9	4♋29	3♑43	26°R23	0°R56	0♎39	4♌ 5	12°R26	13♐ 7	3♋ 8	n.a.	W 1
T 2	0 5 5	29°40'11	7♈ 6	10°56	27°23	4°57	3°48	26♈19	0♈54	0°41	4° 6	12♐14	13° 4	3°15	n.a.	T 2
F 3	0 9 1	0♎40'39	20°23	12° 7	28°37	5°25	3°53	26°15	0°51	0°44	4° 7	12° 3	13° 1	3°22	n.a.	F 3
S 4	0 12 58	1°41'09	3♉20	13°22	29°51	5°52	3°57	26°10	0°49	0°46	4° 9	11°55	12°57	3°28	n.a.	S 4
S 5	0 16 55	2°41'40	15°56	14°40	1♏ 5	6°20	4° 3	26° 6	0°46	0°48	4°10	11°49	12°54	3°35	n.a.	S 5
M 6	0 20 51	3°42'14	28°15	16° 2	2°20	6°47	4° 8	26° 2	0°44	0°50	4°11	11°46	12°51	3°42	n.a.	M 6
T 7	0 24 48	4°42'49	10♊18	17°26	3°34	7°14	4°13	25°57	0°41	0°53	4°13	11°D45	12°48	3°48	n.a.	T 7
W 8	0 28 44	5°43'26	22°12	18°53	4°48	7°41	4°19	25°53	0°39	0°55	4°14	11°46	12°45	3°55	n.a.	W 8
T 9	0 32 41	6°44'05	4♋ 0	20°21	6° 2	8° 7	4°25	25°48	0°37	0°57	4°15	11°R46	12°41	4° 2	n.a.	T 9
F 10	0 36 37	7°44'46	15°49	21°50	7°16	8°33	4°31	25°44	0°34	0°59	4°16	11°46	12°38	4° 8	n.a.	F 10
S 11	0 40 34	8°45'29	27°44	23°21	8°30	8°59	4°37	25°39	0°32	1° 2	4°17	11°44	12°35	4°15	n.a.	S 11
S 12	0 44 30	9°46'14	9♌50	24°52	9°44	9°25	4°43	25°34	0°29	1° 4	4°18	11°39	12°32	4°21	n.a.	S 12
M13	0 48 27	10°47'00	22°12	26°24	10°58	9°50	4°50	25°30	0°27	1° 6	4°20	11°33	12°29	4°28	n.a.	M13
T 14	0 52 24	11°47'48	4♍52	27°57	12°12	10°15	4°56	25°25	0°24	1° 8	4°21	11°24	12°26	4°35	n.a.	T 14
W15	0 56 20	12°48'38	17°52	29°31	13°26	10°40	5° 3	25°20	0°22	1°10	4°22	11°13	12°22	4°41	n.a.	W15
T 16	1 0 17	13°49'29	1♎13	1♎ 4	14°40	11° 5	5°10	25°15	0°19	1°13	4°23	11° 3	12°19	4°48	n.a.	T 16
F 17	1 4 13	14°50'22	14°52	2°38	15°54	11°29	5°17	25°10	0°17	1°15	4°24	10°53	12°16	4°55	n.a.	F 17
S 18	1 8 10	15°51'16	28°47	4°13	17° 8	11°53	5°24	25° 6	0°15	1°17	4°24	10°45	12°13	5° 1	n.a.	S 18
S 19	1 12 6	16°52'11	12♏53	5°47	18°21	12°16	5°32	25° 1	0°12	1°19	4°25	10°39	12°10	5° 8	n.a.	S 19
M20	1 16 3	17°53'08	27° 5	7°21	19°35	12°40	5°40	24°56	0°10	1°21	4°26	10°36	12° 7	5°15	n.a.	M20
T 21	1 19 59	18°54'06	11♐20	8°56	20°49	13° 3	5°47	24°51	0° 8	1°24	4°27	10°D35	12° 3	5°21	n.a.	T 21
W22	1 23 56	19°55'05	25°35	10°30	22° 3	13°25	5°55	24°46	0° 5	1°26	4°28	10°36	12° 0	5°28	n.a.	W22
T 23	1 27 53	20°56'04	9♑46	12° 5	23°17	13°47	6° 3	24°41	0° 3	1°28	4°29	10°37	11°57	5°35	n.a.	T 23
F 24	1 31 49	21°57'05	23°52	13°39	24°31	14° 9	6°11	24°36	0° 1	1°30	4°29	10°R37	11°54	5°41	n.a.	F 24
S 25	1 35 46	22°58'06	7♒53	15°14	25°44	14°31	6°20	24°31	29♓59	1°32	4°30	10°36	11°51	5°48	n.a.	S 25
S 26	1 39 42	23°59'08	21°47	16°48	26°58	14°52	6°28	24°26	29°56	1°34	4°31	10°33	11°47	5°55	n.a.	S 26
M27	1 43 39	25° 0'11	5♓34	18°23	28°12	15°13	6°37	24°21	29°54	1°36	4°32	10°28	11°44	6° 1	n.a.	M27
T 28	1 47 35	26° 1'14	19°11	19°57	29°25	15°33	6°46	24°16	29°52	1°39	4°32	10°21	11°41	6° 8	n.a.	T 28
W29	1 51 32	27° 2'19	2♈36	21°31	0♐39	15°53	6°55	24°11	29°50	1°41	4°33	10°13	11°38	6°15	n.a.	W29
T 30	1 55 28	28° 3'24	15°48	23° 5	1°52	16°13	7° 4	24° 6	29°48	1°43	4°33	10° 5	11°35	6°21	n.a.	T 30
F 31	1 59 25	29♎ 4'30	28♈46	24♎40	3♐ 6	16♋32	7♑13	24♈ 1	29♓46	1♎45	4♌34	9♐59	11♐32	6♋28	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	0n32	1n53	4n56	9n57	2n 7	10s39	0s26	24n51	1n 7	24s38	0s52	7n56	2s35	0s16	0s42	1n32	1n57	32n44	13n38	22s38	22s44	22n 1			n.a.
T 2	0 8	7 2	4 34	9 34	2 9	11 9	0 29	24 52	1 9	24 38	0 52	7 55	2 35	0 17	0 42	1 31	1 57	32 44	13 39	22 37	22 43	22 0			n.a.
F 3	0s16	11 44	3 57	9 8	2 11	11 39	0 32	24 52	1 10	24 38	0 52	7 53	2 35	0 18	0 42	1 30	1 57	32 44	13 39	22 35	22 43	21 59			n.a.
S 4	0 41	15 47	3 9	8 39	2 11	12 8	0 35	24 52	1 11	24 37	0 52	7 51	2 35	0 19	0 42	1 29	1 57	32 44	13 39	22 34	22 43	21 58			n.a.
S 5	1 5	18 59	2 13	8 8	2 11	12 37	0 37	24 52	1 13	24 37	0 52	7 50	2 35	0 20	0 42	1 28	1 57	32 44	13 40	22 34	22 42	21 57			n.a.
M 6	1 30	21 14	1 11	7 35	2 10	13 6	0 40	24 52	1 14	24 37	0 52	7 48	2 35	0 21	0 42	1 27	1 57	32 44	13 40	22 33	22 42	21 56			n.a.
T 7	1 54	22 28	0 8	7 0	2 8	13 34	0 43	24 52	1 16	24 37	0 52	7 46	2 35	0 22	0 42	1 26	1 57	32 44	13 41	22 33	22 41	21 55			n.a.
W 8	2 18	22 39	0s55	6 24	2 6	14 2	0 46	24 52	1 17	24 37	0 52	7 45	2 35	0 23	0 42	1 25	1 57	32 44	13 41	22 33	22 41	21 54			n.a.
T 9	2 43	21 49	1 56	5 46	2 3	14 30	0 48	24 52	1 19	24 36	0 52	7 43	2 35	0 24	0 42	1 24	1 57	32 44	13 42	22 33	22 40	21 53			n.a.
F 10	3 7	20 1	2 51	5 7	1 59	14 57	0 51	24 52	1 20	24 36	0 52	7 41	2 35	0 25	0 42	1 24	1 57	32 44	13 42	22 33	22 40	21 52			n.a.
S 11	3 31	17 21	3 40	4 27	1 56	15 24	0 54	24 52	1 22	24 36	0 52	7 39	2 35	0 26	0 42	1 23	1 58	32 45	13 42	22 33	22 40	21 51			n.a.
S 12	3 56	13 54	4 19	3 46	1 51	15 51	0 56	24 51	1 23	24 36	0 52	7 38	2 36	0 27	0 42	1 22	1 58	32 45	13 43	22 32	22 39	21 49			n.a.
M13	4 20	9 48	4 48	3 4	1 46	16 17	0 59	24 51	1 25	24 35	0 52	7 36	2 36	0 28	0 42	1 21	1 58	32 45	13 43	22 31	22 39	21 48			n.a.
T 14	4 44	5 11	5 3	2 22	1 41	16 43	1 2	24 51	1 26	24 35	0 52	7 34	2 36	0 29	0 42	1 20	1 58	32 45	13 44	22 30	22 38	21 47			n.a.
W15	5 8	0 14	5 3	1 40	1 36	17 8	1 4	24 50	1 28	24 35	0 52	7 32	2 36	0 30	0 42	1 19	1 58	32 45	13 44	22 29	22 38	21 46			n.a.
T 16	5 32	4s51	4 46	0 57	1 31	17 33	1 7	24 50	1 30	24 34	0 52	7 31	2 36	0 31	0 42	1 18	1 58	32 45	13 45	22 27	22 38	21 45			n.a.
F 17	5 56	9 50	4 13	0 14	1 25	17 58	1 9	24 49	1 31	24 34	0 52	7 29	2 36	0 32	0 42	1 17	1 58	32 46	13 45	22 26	22 37	21 44			n.a.
S 18	6 20	14 24	3 25	0s30	1 19	18 22	1 12	24 49	1 33	24 34	0 52	7 27	2 36	0 33	0 42	1 16	1 58	32 46	13 46	22 24	22 37	21 43			n.a.
S 19	6 44	18 13	2 23	1 13	1 13	18 45	1 14	24 48	1 34	24 33	0 51	7 25	2 36	0 33	0 42	1 16	1 58	32 46	13 46	22 24	22 36	21 42			n.a.
M20	7 7	20 59	1 12	1 57	1 7	19 8	1 17	24 48	1 36	24 33	0 51	7 23	2 36	0 34	0 42	1 15	1 58	32 46	13 47	22 23	22 36	21 41			n.a.
T 21	7 31	22 25	0n 4	2 40	1 0	19 31	1 19	24 47	1 38	24 32	0 51	7 22	2 36	0 35	0 42	1 14	1 58	32 46	13 47	22 23	22 35	21 40			n.a.
W22	7 54	22 24	1 20	3 24	0 54	19 53	1 22	24 47	1 40	24 32	0 51	7 20	2 36	0 36	0 42	1 13	1 58	32 47	13 47	22 23	22 35	21 39			n.a.
T 23	8 18	20 57	2 31	4 7	0 47	20 14	1 24	24 46	1 41	24 32	0 51	7 18	2 36	0 37	0 42	1 12	1 58	32 47	13 48	22 23	22 35	21 38			n.a.
F 24	8 41	18 11	3 32	4 51	0 41	20 35	1 26	24 45	1 43	24 31	0 51	7 16	2 35	0 38	0 42	1 11	1 58	32 47	13 48	22 23	22 34	21 37			n.a.
S 25	9 4	14 24	4 20	5 34	0 34	20 55	1 28	24 45	1 45	24 31	0 51	7 14	2 35	0 39	0 42	1 11	1 58	32 47	13 49	22 23	22 34	21 36			n.a.
S 26	9 27	9 51	4 52	6 17	0 28	21 15	1 31	24 44	1 47	24 30	0 51	7 13	2 35	0 40	0 42	1 10	1 58	32 48	13 49	22 23	22 33	21 34			n.a.
M27	9 50	4 51	5 7	7 0	0 21	21 34	1 33	24 44	1 48	24 30	0 51	7 11	2 35	0 41	0 42	1 9	1 58	32 48	13 50	22 22	22 33	21 33			n.a.
T 28	10 12	0n19	5 5	7 42	0 14	21 53	1 35	24 43	1 50	24 29	0 51	7 9	2 35	0 42	0 42	1 8	1 58	32 48	13 50	22 21	22 32	21 32			n.a.
W29	10 35	5 24	4 46	8 24	0 8	22 11	1 37	24 42	1 52	24 29	0 51	7 7	2 35	0 42	0 42	1 7	1 58	32 49	13 51	22 20	22 32	21 31			n.a.
T 30	10 57	10 10	4 11	9 6	0 1	22 28	1 39	24 42	1 54	24 28	0 51	7 5	2 35	0 43	0 42	1 6	1 58	32 49	13 51	22 19	22 31	21 30			n.a.
F 31	11s19	14n23	3n24	9s47	0s 6	22s45	1s41	24n41	1n56	24s28	0s51	7n 4	2s35	0s44	0s42	1n 6	1n58	32n49	13n52	22s18	22s31	21n29			n.a.

Julian Day Number = 1354620.5, Delta T = 07h04m17s
Ecliptic obliquity = 23°48'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'23, Lahiri = -17°49'23 Julian Calendar 1 Oct. 1005 BCE == Greg. Calendar 21 Sept. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

NOVEMBER 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 3 22	0♏ 5'37	11♉28	26♎14	4♐19	16♋51	7♑22	23°R56	29°R44	1♎47	4♌34	9°R53	11♐28	6♋35	n.a.	S 1
S 2	2 7 18	1° 6'45	23°54	27°48	5°33	17° 9	7°31	23♈51	29♓42	1°49	4°35	9♐50	11°25	6°41	n.a.	S 2
M 3	2 11 15	2° 7'54	6♊ 7	29°22	6°46	17°27	7°41	23°46	29°40	1°51	4°35	9°D49	11°22	6°48	n.a.	M 3
T 4	2 15 11	3° 9'03	18° 8	0♏57	8° 0	17°45	7°51	23°41	29°38	1°53	4°36	9°49	11°19	6°55	n.a.	T 4
W 5	2 19 8	4°10'14	0♋ 1	2°31	9°13	18° 2	8° 0	23°36	29°36	1°55	4°36	9°50	11°16	7° 1	n.a.	W 5
T 6	2 23 4	5°11'26	11°50	4° 5	10°26	18°18	8°10	23°32	29°34	1°57	4°36	9°52	11°13	7° 8	n.a.	T 6
F 7	2 27 1	6°12'39	23°38	5°40	11°40	18°35	8°20	23°27	29°32	1°59	4°37	9°54	11° 9	7°15	n.a.	F 7
S 8	2 30 57	7°13'52	5♌33	7°15	12°53	18°50	8°31	23°22	29°30	2° 1	4°37	9°R55	11° 6	7°21	n.a.	S 8
S 9	2 34 54	8°15'06	17°37	8°49	14° 6	19° 5	8°41	23°17	29°28	2° 3	4°37	9°54	11° 3	7°28	n.a.	S 9
M10	2 38 51	9°16'21	29°58	10°24	15°19	19°20	8°51	23°13	29°27	2° 4	4°37	9°52	11° 0	7°35	n.a.	M10
T 11	2 42 47	10°17'37	12♍38	11°59	16°33	19°34	9° 2	23° 8	29°25	2° 6	4°38	9°49	10°57	7°41	n.a.	T 11
W12	2 46 44	11°18'53	25°40	13°34	17°46	19°48	9°12	23° 3	29°23	2° 8	4°38	9°45	10°53	7°48	n.a.	W12
T 13	2 50 40	12°20'10	9♎ 8	15°10	18°59	20° 1	9°23	22°59	29°22	2°10	4°38	9°40	10°50	7°55	n.a.	T 13
F 14	2 54 37	13°21'28	22°59	16°45	20°12	20°13	9°34	22°54	29°20	2°12	4°38	9°36	10°47	8° 1	n.a.	F 14
S 15	2 58 33	14°22'46	7♏12	18°21	21°25	20°25	9°45	22°50	29°18	2°14	4°38	9°32	10°44	8° 8	n.a.	S 15
S 16	3 2 30	15°24'05	21°41	19°57	22°37	20°37	9°56	22°45	29°17	2°15	4°R38	9°30	10°41	8°15	n.a.	S 16
M17	3 6 26	16°25'24	6♐21	21°33	23°50	20°48	10° 7	22°41	29°15	2°17	4°38	9°D29	10°38	8°21	n.a.	M17
T 18	3 10 23	17°26'43	21° 5	23° 9	25° 3	20°58	10°18	22°37	29°14	2°19	4°38	9°30	10°34	8°28	n.a.	T 18
W19	3 14 20	18°28'02	5♑45	24°46	26°16	21° 7	10°30	22°32	29°13	2°21	4°38	9°31	10°31	8°35	n.a.	W19
T 20	3 18 16	19°29'20	20°17	26°22	27°29	21°16	10°41	22°28	29°11	2°22	4°38	9°32	10°28	8°41	n.a.	T 20
F 21	3 22 13	20°30'39	4♒36	27°59	28°41	21°25	10°53	22°24	29°10	2°24	4°38	9°33	10°25	8°48	n.a.	F 21
S 22	3 26 9	21°31'57	18°40	29°36	29°54	21°32	11° 5	22°20	29° 9	2°26	4°37	9°R34	10°22	8°55	n.a.	S 22
S 23	3 30 6	22°33'15	2♓28	1♐14	1♑ 6	21°40	11°16	22°16	29° 7	2°27	4°37	9°34	10°18	9° 1	n.a.	S 23
M24	3 34 2	23°34'33	16° 1	2°51	2°19	21°46	11°28	22°12	29° 6	2°29	4°37	9°33	10°15	9° 8	n.a.	M24
T 25	3 37 59	24°35'50	29°17	4°29	3°31	21°52	11°40	22° 8	29° 5	2°30	4°37	9°31	10°12	9°15	n.a.	T 25
W26	3 41 56	25°37'07	12♈19	6° 6	4°43	21°57	11°52	22° 5	29° 4	2°32	4°36	9°29	10° 9	9°21	n.a.	W26
T 27	3 45 52	26°38'24	25° 8	7°44	5°56	22° 1	12° 4	22° 1	29° 3	2°33	4°36	9°27	10° 6	9°28	n.a.	T 27
F 28	3 49 49	27°39'40	7♉43	9°21	7° 8	22° 5	12°16	21°57	29° 2	2°35	4°36	9°25	10° 3	9°35	n.a.	F 28
S 29	3 53 45	28°40'56	20° 7	10°59	8°20	22° 8	12°29	21°54	29° 1	2°36	4°35	9°24	9°59	9°41	n.a.	S 29
S 30	3 57 42	29♏42'11	2♊20	12♐36	9♑32	22♋10	12♑41	21♈51	29♓ 0	2♎38	4♌35	9♐23	9♐56	9♋48	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s41	17n51	2n28	10s28	0s12	23s 1	1s43	24n41	1n58	24s27	0s51	7n 2	2s35	0s45	0s42	1n 5	1n58	32n50	13n52	22s17	22s31	21n28		n.a.
S 2	12 3	20 25	1 26	11 9	0 19	23 17	1 44	24 40	2 0	24 27	0 51	7 0	2 35	0 46	0 42	1 4	1 58	32 50	13 53	22 16	22 30	21 27		n.a.
M 3	12 24	22 0	0 20	11 49	0 25	23 31	1 46	24 40	2 2	24 26	0 51	6 58	2 35	0 46	0 42	1 3	1 58	32 50	13 53	22 16	22 30	21 25		n.a.
T 4	12 45	22 31	0s45	12 28	0 31	23 45	1 48	24 40	2 4	24 25	0 51	6 57	2 35	0 47	0 42	1 2	1 58	32 51	13 54	22 16	22 29	21 24		n.a.
W 5	13 6	22 1	1 48	13 7	0 37	23 59	1 49	24 39	2 6	24 25	0 51	6 55	2 35	0 48	0 42	1 2	1 58	32 51	13 54	22 16	22 29	21 23		n.a.
T 6	13 27	20 31	2 46	13 46	0 44	24 11	1 51	24 39	2 8	24 24	0 51	6 53	2 34	0 49	0 42	1 1	1 58	32 52	13 55	22 17	22 28	21 22		n.a.
F 7	13 48	18 9	3 37	14 24	0 50	24 23	1 52	24 39	2 10	24 23	0 51	6 52	2 34	0 49	0 42	1 0	1 58	32 52	13 55	22 17	22 28	21 21		n.a.
S 8	14 8	15 0	4 19	15 1	0 55	24 35	1 54	24 38	2 12	24 23	0 51	6 50	2 34	0 50	0 42	0 59	1 58	32 52	13 56	22 17	22 27	21 20		n.a.
S 9	14 29	11 11	4 50	15 38	1 1	24 45	1 55	24 38	2 14	24 22	0 51	6 48	2 34	0 51	0 42	0 59	1 58	32 53	13 56	22 17	22 27	21 19		n.a.
M10	14 49	6 51	5 9	16 14	1 7	24 55	1 56	24 38	2 16	24 21	0 51	6 47	2 34	0 51	0 42	0 58	1 58	32 53	13 57	22 17	22 27	21 17		n.a.
T 11	15 8	2 7	5 13	16 49	1 12	25 4	1 57	24 38	2 18	24 21	0 51	6 45	2 34	0 52	0 42	0 57	1 58	32 54	13 57	22 16	22 26	21 16		n.a.
W12	15 28	2s51	5 2	17 23	1 18	25 12	1 59	24 38	2 20	24 20	0 51	6 43	2 34	0 53	0 41	0 57	1 58	32 54	13 58	22 16	22 26	21 15		n.a.
T 13	15 47	7 51	4 33	17 57	1 23	25 20	2 0	24 39	2 23	24 19	0 51	6 42	2 33	0 53	0 41	0 56	1 58	32 55	13 58	22 15	22 25	21 14		n.a.
F 14	16 6	12 36	3 49	18 30	1 28	25 27	2 1	24 39	2 25	24 18	0 50	6 40	2 33	0 54	0 41	0 55	1 58	32 55	13 59	22 14	22 25	21 13		n.a.
S 15	16 24	16 47	2 49	19 2	1 32	25 33	2 1	24 39	2 27	24 17	0 50	6 39	2 33	0 55	0 41	0 54	1 59	32 55	13 59	22 14	22 24	21 12		n.a.
S 16	16 42	20 1	1 37	19 33	1 37	25 38	2 2	24 40	2 29	24 16	0 50	6 37	2 33	0 55	0 41	0 54	1 59	32 56	14 0	22 13	22 24	21 10		n.a.
M17	17 0	21 59	0 17	20 3	1 41	25 43	2 3	24 40	2 32	24 16	0 50	6 36	2 33	0 56	0 41	0 53	1 59	32 56	14 0	22 13	22 23	21 9		n.a.
T 18	17 18	22 27	1n 4	20 32	1 45	25 47	2 3	24 41	2 34	24 15	0 50	6 34	2 33	0 56	0 41	0 52	1 59	32 57	14 1	22 13	22 23	21 8		n.a.
W19	17 36	21 21	2 20	21 1	1 49	25 50	2 4	24 42	2 36	24 14	0 50	6 33	2 32	0 57	0 41	0 52	1 59	32 57	14 1	22 13	22 22	21 7		n.a.
T 20	17 53	18 51	3 27	21 28	1 52	25 52	2 4	24 43	2 39	24 13	0 50	6 32	2 32	0 57	0 41	0 51	1 59	32 58	14 2	22 14	22 22	21 5		n.a.
F 21	18 9	15 13	4 19	21 53	1 55	25 53	2 5	24 44	2 41	24 12	0 50	6 30	2 32	0 58	0 41	0 51	1 59	32 58	14 2	22 14	22 22	21 4		n.a.
S 22	18 26	10 47	4 56	22 18	1 58	25 54	2 5	24 45	2 43	24 11	0 50	6 29	2 32	0 58	0 41	0 50	1 59	32 59	14 3	22 14	22 21	21 3		n.a.
S 23	18 42	5 53	5 14	22 42	2 1	25 54	2 5	24 46	2 46	24 10	0 50	6 28	2 32	0 59	0 41	0 49	1 59	33 0	14 3	22 14	22 21	21 2		n.a.
M24	18 58	0 47	5 14	23 4	2 3	25 53	2 5	24 47	2 48	24 9	0 50	6 26	2 31	0 59	0 41	0 49	1 59	33 0	14 4	22 14	22 20	21 1		n.a.
T 25	19 13	4n15	4 58	23 24	2 4	25 51	2 5	24 49	2 51	24 8	0 50	6 25	2 31	1 0	0 41	0 48	1 59	33 1	14 4	22 13	22 20	20 59		n.a.
W26	19 28	9 1	4 26	23 44	2 6	25 49	2 5	24 50	2 53	24 7	0 50	6 24	2 31	1 0	0 41	0 48	1 59	33 1	14 5	22 13	22 19	20 58		n.a.
T 27	19 43	13 18	3 42	24 1	2 7	25 45	2 5	24 52	2 56	24 5	0 50	6 23	2 31	1 0	0 41	0 47	1 59	33 2	14 5	22 13	22 19	20 57		n.a.
F 28	19 57	16 55	2 47	24 18	2 7	25 41	2 5	24 54	2 58	24 4	0 50	6 22	2 30	1 1	0 41	0 47	1 59	33 2	14 6	22 13	22 18	20 56		n.a.
S 29	20 11	19 44	1 45	24 32	2 7	25 37	2 4	24 56	3 1	24 3	0 50	6 21	2 30	1 1	0 41	0 46	1 59	33 3	14 6	22 12	22 18	20 54		n.a.
S 30	20s24	21n35	0n39	24s45	2s 6	25s31	2s 4	24n58	3n 3	24s 2	0s50	6n20	2s30	1s 2	0s41	0n45	1n59	33n 3	14n 7	22s12	22s17	20n53		n.a.

Julian Day Number = 1354651.5, Delta T = 07h04m16s
Ecliptic obliquity = 23°48'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'19, Lahiri = -17°49'18 Julian Calendar 1 Nov. 1005 BCE == Greg. Calendar 22 Oct. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1005 BCE
geocentric

DECEMBER 1005 BCE (-1004) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 1 38	0♐43'27	14♊24	14♐13	10♑44	22♋12	12♑53	21°R47	28°R59	2♎39	4°R34	9°D23	9♐53	9♋55	n.a.	M 1
T 2	4 5 35	1°44'42	26°20	15°49	11°55	22°12	13° 6	21♈44	28♓59	2°41	4♌34	9♐24	9°50	10° 1	n.a.	T 2
W 3	4 9 31	2°45'57	8♋11	17°25	13° 7	22°R12	13°18	21°41	28°58	2°42	4°33	9°24	9°47	10° 8	n.a.	W 3
T 4	4 13 28	3°47'11	19°59	19° 0	14°19	22°12	13°31	21°38	28°57	2°43	4°33	9°25	9°44	10°15	n.a.	T 4
F 5	4 17 25	4°48'25	1♌48	20°34	15°30	22°10	13°44	21°35	28°57	2°45	4°32	9°26	9°40	10°21	n.a.	F 5
S 6	4 21 21	5°49'39	13°42	22° 6	16°42	22° 8	13°56	21°32	28°56	2°46	4°31	9°26	9°37	10°28	n.a.	S 6
S 7	4 25 18	6°50'53	25°46	23°36	17°53	22° 5	14° 9	21°29	28°55	2°47	4°31	9°26	9°34	10°35	n.a.	S 7
M 8	4 29 14	7°52'06	8♍ 2	25° 5	19° 4	22° 1	14°22	21°27	28°55	2°48	4°30	9°R26	9°31	10°41	n.a.	M 8
T 9	4 33 11	8°53'19	20°37	26°31	20°15	21°56	14°35	21°24	28°55	2°49	4°29	9°D26	9°28	10°48	n.a.	T 9
W10	4 37 7	9°54'31	3♎34	27°53	21°26	21°51	14°48	21°22	28°54	2°51	4°29	9°26	9°24	10°55	n.a.	W10
T 11	4 41 4	10°55'43	16°56	29°12	22°37	21°45	15° 1	21°19	28°54	2°52	4°28	9°27	9°21	11° 1	n.a.	T 11
F 12	4 45 1	11°56'55	0♏45	0♑27	23°48	21°38	15°15	21°17	28°54	2°53	4°27	9°27	9°18	11° 8	n.a.	F 12
S 13	4 48 57	12°58'06	15° 0	1°37	24°59	21°30	15°28	21°15	28°53	2°54	4°26	9°27	9°15	11°15	n.a.	S 13
S 14	4 52 54	13°59'16	29°39	2°41	26°10	21°21	15°41	21°13	28°53	2°55	4°25	9°27	9°12	11°21	n.a.	S 14
M15	4 56 50	15° 0'26	14♐35	3°38	27°20	21°12	15°54	21°11	28°53	2°56	4°24	9°R27	9° 9	11°28	n.a.	M15
T 16	5 0 47	16° 1'35	29°41	4°28	28°30	21° 1	16° 8	21° 9	28°53	2°57	4°24	9°27	9° 5	11°35	n.a.	T 16
W17	5 4 43	17° 2'42	14♑46	5°10	29°41	20°50	16°21	21° 8	28°D53	2°58	4°23	9°26	9° 2	11°41	n.a.	W17
T 18	5 8 40	18° 3'49	29°43	5°43	0♒51	20°38	16°35	21° 6	28°53	2°59	4°22	9°25	8°59	11°48	n.a.	T 18
F 19	5 12 36	19° 4'54	14♒24	6° 5	2° 1	20°26	16°48	21° 4	28°53	2°59	4°21	9°24	8°56	11°55	n.a.	F 19
S 20	5 16 33	20° 5'58	28°44	6°18	3°11	20°12	17° 2	21° 3	28°53	3° 0	4°20	9°23	8°53	12° 1	n.a.	S 20
S 21	5 20 30	21° 7'01	12♓40	6°R19	4°20	19°58	17°16	21° 2	28°53	3° 1	4°19	9°23	8°50	12° 8	n.a.	S 21
M22	5 24 26	22° 8'02	26°12	6° 8	5°30	19°43	17°29	21° 1	28°54	3° 2	4°18	9°D23	8°46	12°15	n.a.	M22
T 23	5 28 23	23° 9'01	9♈21	5°47	6°39	19°27	17°43	21° 0	28°54	3° 3	4°17	9°23	8°43	12°21	n.a.	T 23
W24	5 32 19	24° 9'59	22°10	5°14	7°48	19°11	17°57	20°59	28°54	3° 3	4°15	9°24	8°40	12°28	n.a.	W24
T 25	5 36 16	25°10'56	4♉43	4°31	8°57	18°54	18°11	20°58	28°55	3° 4	4°14	9°26	8°37	12°35	n.a.	T 25
F 26	5 40 12	26°11'51	17° 1	3°38	10° 6	18°36	18°25	20°57	28°55	3° 5	4°13	9°27	8°34	12°41	n.a.	F 26
S 27	5 44 9	27°12'45	29°10	2°38	11°15	18°18	18°39	20°57	28°56	3° 5	4°12	9°28	8°30	12°48	n.a.	S 27
S 28	5 48 6	28°13'38	11♊10	1°32	12°24	17°59	18°52	20°56	28°56	3° 6	4°11	9°R28	8°27	12°55	n.a.	S 28
M29	5 52 2	29°14'29	23° 4	0°21	13°32	17°40	19° 6	20°56	28°57	3° 6	4°10	9°28	8°24	13° 1	n.a.	M29
T 30	5 55 59	0♑15'18	4♋56	29♐ 9	14°40	17°20	19°20	20°56	28°58	3° 7	4° 8	9°26	8°21	13° 8	n.a.	T 30
W31	5 59 55	1♑16'06	16♋45	27♐56	15♒48	16♋59	19♑34	20♈56	28♓58	3♎ 7	4♌ 7	9♐23	8♐18	13♋15	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	20s37	22n26	0s28	24s56	2s 5	25s25	2s 3	25n 0	3n 6	24s 1	0s50	6n19	2s30	1s 2	0s41	0n45	1n59	33n 4	14n 7	22s12	22s17	20n52		n.a.	M 1
T 2	20 50	22 13	1 33	25 5	2 3	25 18	2 2	25 3	3 8	23 59	0 50	6 18	2 29	1 2	0 41	0 44	1 59	33 5	14 8	22 12	22 16	20 51		n.a.	T 2
W 3	21 2	21 0	2 33	25 13	2 1	25 10	2 1	25 5	3 11	23 58	0 50	6 17	2 29	1 2	0 41	0 44	1 59	33 5	14 8	22 12	22 16	20 49		n.a.	W 3
T 4	21 14	18 53	3 27	25 18	1 58	25 2	2 1	25 8	3 13	23 57	0 50	6 16	2 29	1 3	0 41	0 44	2 0	33 6	14 9	22 13	22 15	20 48		n.a.	T 4
F 5	21 26	15 58	4 12	25 22	1 54	24 53	2 0	25 11	3 16	23 56	0 50	6 15	2 29	1 3	0 41	0 43	2 0	33 6	14 9	22 13	22 15	20 47		n.a.	F 5
S 6	21 37	12 24	4 47	25 24	1 49	24 43	1 58	25 14	3 19	23 54	0 50	6 14	2 28	1 3	0 41	0 43	2 0	33 7	14 9	22 13	22 14	20 46		n.a.	S 6
S 7	21 48	8 17	5 9	25 23	1 44	24 32	1 57	25 17	3 21	23 53	0 50	6 13	2 28	1 3	0 41	0 42	2 0	33 8	14 10	22 13	22 14	20 44		n.a.	S 7
M 8	21 58	3 47	5 18	25 21	1 38	24 21	1 56	25 20	3 24	23 51	0 50	6 12	2 28	1 3	0 41	0 42	2 0	33 8	14 10	22 13	22 13	20 43		n.a.	M 8
T 9	22 8	1s 0	5 12	25 17	1 31	24 9	1 54	25 23	3 26	23 50	0 50	6 12	2 28	1 4	0 41	0 41	2 0	33 9	14 11	22 13	22 13	20 42		n.a.	T 9
W10	22 17	5 52	4 50	25 10	1 22	23 56	1 53	25 27	3 29	23 49	0 50	6 11	2 27	1 4	0 40	0 41	2 0	33 9	14 11	22 13	22 12	20 40		n.a.	W10
T 11	22 26	10 38	4 13	25 2	1 13	23 43	1 51	25 30	3 31	23 47	0 50	6 10	2 27	1 4	0 40	0 41	2 0	33 10	14 12	22 13	22 12	20 39		n.a.	T 11
F 12	22 34	15 1	3 19	24 52	1 3	23 29	1 49	25 34	3 34	23 46	0 50	6 10	2 27	1 4	0 40	0 40	2 0	33 11	14 12	22 13	22 12	20 38		n.a.	F 12
S 13	22 43	18 41	2 12	24 40	0 52	23 14	1 48	25 38	3 37	23 44	0 50	6 9	2 27	1 4	0 40	0 40	2 0	33 11	14 13	22 13	22 11	20 36		n.a.	S 13
S 14	22 50	21 16	0 54	24 27	0 40	22 59	1 46	25 42	3 39	23 43	0 50	6 9	2 26	1 4	0 40	0 39	2 0	33 12	14 13	22 13	22 11	20 35		n.a.	S 14
M15	22 57	22 26	0n28	24 12	0 26	22 43	1 44	25 46	3 42	23 41	0 50	6 8	2 26	1 4	0 40	0 39	2 0	33 12	14 13	22 13	22 10	20 34		n.a.	M15
T 16	23 4	21 59	1 50	23 56	0 12	22 26	1 41	25 50	3 44	23 39	0 50	6 8	2 26	1 4	0 40	0 39	2 0	33 13	14 14	22 13	22 10	20 33		n.a.	T 16
W17	23 10	19 56	3 4	23 39	0n 4	22 9	1 39	25 54	3 47	23 38	0 50	6 8	2 25	1 4	0 40	0 38	2 0	33 14	14 14	22 13	22 9	20 31		n.a.	W17
T 18	23 16	16 33	4 5	23 21	0 20	21 51	1 37	25 58	3 49	23 36	0 50	6 7	2 25	1 4	0 40	0 38	2 0	33 14	14 15	22 13	22 9	20 30		n.a.	T 18
F 19	23 21	12 11	4 48	23 3	0 37	21 33	1 34	26 3	3 52	23 34	0 50	6 7	2 25	1 4	0 40	0 38	2 1	33 15	14 15	22 12	22 8	20 29		n.a.	F 19
S 20	23 26	7 14	5 12	22 45	0 55	21 14	1 32	26 7	3 54	23 33	0 50	6 7	2 24	1 4	0 40	0 38	2 1	33 16	14 15	22 12	22 8	20 27		n.a.	S 20
S 21	23 31	2 2	5 17	22 26	1 14	20 55	1 29	26 12	3 56	23 31	0 50	6 7	2 24	1 4	0 40	0 37	2 1	33 16	14 16	22 12	22 7	20 26		n.a.	S 21
M22	23 35	3n 6	5 4	22 8	1 32	20 35	1 26	26 16	3 59	23 29	0 51	6 6	2 24	1 3	0 40	0 37	2 1	33 17	14 16	22 12	22 7	20 25		n.a.	M22
T 23	23 38	7 58	4 35	21 50	1 51	20 14	1 23	26 21	4 1	23 27	0 51	6 6	2 24	1 3	0 40	0 37	2 1	33 18	14 16	22 12	22 6	20 23		n.a.	T 23
W24	23 41	12 22	3 53	21 34	2 9	19 54	1 20	26 26	4 3	23 25	0 51	6 6	2 23	1 3	0 40	0 37	2 1	33 18	14 17	22 12	22 6	20 22		n.a.	W24
T 25	23 43	16 7	3 1	21 18	2 27	19 32	1 17	26 30	4 5	23 24	0 51	6 6	2 23	1 3	0 40	0 36	2 1	33 19	14 17	22 13	22 5	20 21		n.a.	T 25
F 26	23 45	19 7	2 1	21 3	2 43	19 10	1 14	26 35	4 7	23 22	0 51	6 6	2 23	1 3	0 40	0 36	2 1	33 20	14 18	22 13	22 5	20 19		n.a.	F 26
S 27	23 47	21 12	0 57	20 49	2 58	18 48	1 10	26 39	4 9	23 20	0 51	6 6	2 22	1 2	0 40	0 36	2 1	33 20	14 18	22 13	22 4	20 18		n.a.	S 27
S 28	23 48	22 19	0s 9	20 37	3 11	18 25	1 7	26 44	4 11	23 18	0 51	6 6	2 22	1 2	0 40	0 36	2 1	33 21	14 18	22 13	22 4	20 16		n.a.	S 28
M29	23 49	22 23	1 15	20 26	3 23	18 2	1 3	26 49	4 13	23 16	0 51	6 7	2 22	1 2	0 40	0 36	2 1	33 21	14 19	22 13	22 3	20 15		n.a.	M29
T 30	23 49	21 27	2 16	20 17	3 32	17 38	1 0	26 53	4 15	23 14	0 51	6 7	2 21	1 2	0 40	0 36	2 1	33 22	14 19	22 13	22 2	20 14		n.a.	T 30
W31	23s48	19n35	3s11	20s10	3n38	17s14	0s56	26n58	4n17	23s12	0s51	6n 7	2s21	1s 1	0s40	0n35	2n 1	33n23	14n19	22s12	22s 2	20n12		n.a.	W31

Julian Day Number = 1354681.5, Delta T = 07h04m14s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'15, Lahiri = -17°49'14 Julian Calendar 1 Dec. 1005 BCE == Greg. Calendar 21 Nov. 1005 BCE

The year -1004 astronomical counting style corresponds to year 1005 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

JANUARY 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 3 52	2♉16'53	28♋35	26°R46	16♒56	16°R38	19♉49	20°D56	28♓59	3♎ 8	4°R 6	9°R19	8♐15	13♋21	n.a.	T 1
F 2	6 7 48	3°17'39	10♌27	25♐39	18° 3	16♋17	20° 3	20♈56	29° 0	3° 8	4♌ 5	9♐15	8°11	13°28	n.a.	F 2
S 3	6 11 45	4°18'23	22°25	24°37	19°11	15°55	20°17	20°56	29° 1	3° 8	4° 3	9°11	8° 8	13°35	n.a.	S 3
S 4	6 15 41	5°19'05	4♍30	23°41	20°18	15°32	20°31	20°56	29° 2	3° 9	4° 2	9° 7	8° 5	13°41	n.a.	S 4
M 5	6 19 38	6°19'47	16°46	22°53	21°24	15°10	20°45	20°57	29° 3	3° 9	4° 1	9° 4	8° 2	13°48	n.a.	M 5
T 6	6 23 35	7°20'27	29°18	22°12	22°31	14°47	20°59	20°57	29° 4	3° 9	3°59	9° 3	7°59	13°55	n.a.	T 6
W 7	6 27 31	8°21'05	12♎ 8	21°39	23°38	14°23	21°14	20°58	29° 5	3°10	3°58	9°D 2	7°56	14° 1	n.a.	W 7
T 8	6 31 28	9°21'42	25°20	21°14	24°44	14° 0	21°28	20°59	29° 6	3°10	3°56	9° 3	7°52	14° 8	n.a.	T 8
F 9	6 35 24	10°22'18	8♏58	20°57	25°50	13°36	21°42	21° 0	29° 7	3°10	3°55	9° 5	7°49	14°15	n.a.	F 9
S 10	6 39 21	11°22'53	23° 3	20°48	26°55	13°12	21°56	21° 1	29° 8	3°10	3°54	9° 6	7°46	14°21	n.a.	S 10
S 11	6 43 17	12°23'26	7♐34	20°D46	28° 1	12°49	22°11	21° 2	29°10	3°10	3°52	9°R 7	7°43	14°28	n.a.	S 11
M12	6 47 14	13°23'58	22°28	20°50	29° 6	12°25	22°25	21° 3	29°11	3°10	3°51	9° 6	7°40	14°35	n.a.	M12
T 13	6 51 10	14°24'28	7♑38	21° 2	0♓11	12° 1	22°39	21° 4	29°12	3°R10	3°49	9° 4	7°36	14°41	n.a.	T 13
W14	6 55 7	15°24'56	22°55	21°19	1°15	11°37	22°54	21° 6	29°14	3°10	3°48	9° 0	7°33	14°48	n.a.	W14
T 15	6 59 4	16°25'22	8♒ 8	21°42	2°20	11°13	23° 8	21° 8	29°15	3°10	3°46	8°55	7°30	14°55	n.a.	T 15
F 16	7 3 0	17°25'47	23° 7	22°10	3°24	10°49	23°23	21° 9	29°17	3°10	3°45	8°49	7°27	15° 1	n.a.	F 16
S 17	7 6 57	18°26'09	7♓44	22°43	4°27	10°26	23°37	21°11	29°18	3°10	3°43	8°43	7°24	15° 8	n.a.	S 17
S 18	7 10 53	19°26'29	21°54	23°21	5°30	10° 3	23°51	21°13	29°20	3°10	3°42	8°38	7°21	15°15	n.a.	S 18
M19	7 14 50	20°26'47	5♈35	24° 3	6°33	9°40	24° 6	21°15	29°22	3°10	3°40	8°35	7°17	15°21	n.a.	M19
T 20	7 18 46	21°27'02	18°47	24°49	7°36	9°18	24°20	21°17	29°23	3° 9	3°39	8°D34	7°14	15°28	n.a.	T 20
W21	7 22 43	22°27'16	1♉35	25°38	8°38	8°55	24°35	21°19	29°25	3° 9	3°37	8°35	7°11	15°35	n.a.	W21
T 22	7 26 39	23°27'27	14° 2	26°30	9°40	8°34	24°49	21°22	29°27	3° 9	3°36	8°36	7° 8	15°41	n.a.	T 22
F 23	7 30 36	24°27'36	26°13	27°26	10°42	8°12	25° 3	21°24	29°29	3° 8	3°34	8°37	7° 5	15°48	n.a.	F 23
S 24	7 34 33	25°27'43	8♊13	28°24	11°43	7°51	25°18	21°27	29°30	3° 8	3°33	8°R38	7° 2	15°55	n.a.	S 24
S 25	7 38 29	26°27'48	20° 5	29°25	12°43	7°31	25°32	21°30	29°32	3° 8	3°31	8°37	6°58	16° 1	n.a.	S 25
M26	7 42 26	27°27'50	1♋54	0♉29	13°44	7°11	25°47	21°32	29°34	3° 7	3°29	8°34	6°55	16° 8	n.a.	M26
T 27	7 46 22	28°27'50	13°43	1°35	14°44	6°52	26° 1	21°35	29°36	3° 7	3°28	8°29	6°52	16°15	n.a.	T 27
W28	7 50 19	29°27'49	25°33	2°43	15°43	6°34	26°16	21°38	29°38	3° 6	3°26	8°22	6°49	16°21	n.a.	W28
T 29	7 54 15	0♒27'45	7♌27	3°53	16°42	6°16	26°30	21°41	29°40	3° 6	3°25	8°12	6°46	16°28	n.a.	T 29
F 30	7 58 12	1°27'39	19°26	5° 6	17°40	5°58	26°44	21°45	29°43	3° 5	3°23	8° 2	6°42	16°35	n.a.	F 30
S 31	8 2 8	2♒27'31	1♍32	6♉20	18♓38	5♋42	26♉59	21♈48	29♓45	3♎ 5	3♌22	7♐51	6♐39	16♋42	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23 s48	16n52	3 s59	20 s 4	3n42	16 s50	0 s52	27n 2	4n18	23 s10	0 s51	6n 7	2 s21	1 s 1	0 s40	0n35	2n 1	33n23	14n20	22 s12	22 s 1	20n11		n.a.
F 2	23 46	13 28	4 36	20 0	3 44	16 25	0 48	27 6	4 20	23 8	0 51	6 8	2 20	1 0	0 40	0 35	2 1	33 24	14 20	22 11	22 1	20 10		n.a.
S 3	23 45	9 31	5 1	19 58	3 44	16 0	0 44	27 11	4 22	23 6	0 51	6 8	2 20	1 0	0 40	0 35	2 2	33 25	14 20	22 10	22 0	20 8		n.a.
S 4	23 42	5 10	5 13	19 58	3 42	15 35	0 40	27 15	4 23	23 4	0 51	6 8	2 20	1 0	0 40	0 35	2 2	33 25	14 20	22 10	22 0	20 7		n.a.
M 5	23 40	0 32	5 11	20 0	3 37	15 9	0 36	27 19	4 24	23 1	0 51	6 9	2 19	0 59	0 39	0 35	2 2	33 26	14 21	22 9	21 59	20 5		n.a.
T 6	23 36	4 s12	4 55	20 4	3 32	14 43	0 31	27 23	4 25	22 59	0 51	6 9	2 19	0 59	0 39	0 35	2 2	33 27	14 21	22 9	21 59	20 4		n.a.
W 7	23 33	8 54	4 23	20 9	3 24	14 17	0 27	27 26	4 27	22 57	0 51	6 10	2 19	0 58	0 39	0 35	2 2	33 27	14 21	22 9	21 58	20 3		n.a.
T 8	23 29	13 19	3 37	20 15	3 16	13 50	0 22	27 30	4 28	22 55	0 51	6 11	2 19	0 58	0 39	0 35	2 2	33 28	14 22	22 9	21 58	20 1		n.a.
F 9	23 24	17 12	2 38	20 24	3 7	13 23	0 18	27 33	4 29	22 53	0 51	6 11	2 18	0 57	0 39	0 35	2 2	33 28	14 22	22 9	21 57	20 0		n.a.
S 10	23 19	20 13	1 27	20 33	2 57	12 56	0 13	27 37	4 29	22 50	0 51	6 12	2 18	0 57	0 39	0 35	2 2	33 29	14 22	22 10	21 57	19 58		n.a.
S 11	23 14	22 3	0 8	20 43	2 46	12 29	0 8	27 40	4 30	22 48	0 51	6 13	2 18	0 56	0 39	0 35	2 2	33 30	14 22	22 10	21 56	19 57		n.a.
M12	23 8	22 23	1n12	20 55	2 35	12 1	0 3	27 43	4 31	22 46	0 51	6 13	2 17	0 56	0 39	0 35	2 2	33 30	14 23	22 10	21 56	19 55		n.a.
T 13	23 1	21 6	2 29	21 7	2 24	11 33	0n 2	27 46	4 31	22 43	0 51	6 14	2 17	0 55	0 39	0 35	2 2	33 31	14 23	22 9	21 55	19 54		n.a.
W14	22 54	18 17	3 36	21 19	2 13	11 5	0 7	27 48	4 31	22 41	0 52	6 15	2 17	0 54	0 39	0 35	2 2	33 31	14 23	22 9	21 55	19 53		n.a.
T 15	22 47	14 13	4 27	21 32	2 1	10 37	0 12	27 51	4 32	22 39	0 52	6 16	2 16	0 54	0 39	0 35	2 2	33 32	14 23	22 8	21 54	19 51		n.a.
F 16	22 39	9 19	4 59	21 45	1 49	10 9	0 18	27 53	4 32	22 36	0 52	6 17	2 16	0 53	0 39	0 35	2 2	33 33	14 23	22 7	21 54	19 50		n.a.
S 17	22 31	4 0	5 11	21 59	1 38	9 40	0 23	27 55	4 32	22 34	0 52	6 18	2 16	0 53	0 39	0 36	2 3	33 33	14 24	22 6	21 53	19 48		n.a.
S 18	22 23	1n22	5 2	22 12	1 26	9 12	0 29	27 57	4 32	22 31	0 52	6 19	2 15	0 52	0 39	0 36	2 3	33 34	14 24	22 5	21 53	19 47		n.a.
M19	22 14	6 29	4 37	22 26	1 15	8 43	0 34	27 58	4 32	22 29	0 52	6 20	2 15	0 51	0 39	0 36	2 3	33 34	14 24	22 5	21 52	19 45		n.a.
T 20	22 4	11 7	3 58	22 39	1 4	8 14	0 40	28 0	4 31	22 26	0 52	6 21	2 15	0 50	0 39	0 36	2 3	33 35	14 24	22 5	21 52	19 44		n.a.
W21	21 55	15 8	3 7	22 52	0 53	7 45	0 46	28 1	4 31	22 24	0 52	6 22	2 15	0 50	0 39	0 36	2 3	33 35	14 24	22 5	21 51	19 43		n.a.
T 22	21 44	18 21	2 9	23 4	0 42	7 16	0 51	28 2	4 31	22 21	0 52	6 23	2 14	0 49	0 39	0 36	2 3	33 36	14 24	22 5	21 50	19 41		n.a.
F 23	21 34	20 41	1 7	23 16	0 31	6 47	0 57	28 3	4 30	22 19	0 52	6 25	2 14	0 48	0 39	0 36	2 3	33 37	14 25	22 5	21 50	19 40		n.a.
S 24	21 23	22 3	0 2	23 27	0 21	6 18	1 3	28 3	4 29	22 16	0 52	6 26	2 14	0 47	0 39	0 37	2 3	33 37	14 25	22 5	21 49	19 38		n.a.
S 25	21 11	22 25	1 s 2	23 38	0 11	5 49	1 9	28 4	4 28	22 13	0 52	6 27	2 13	0 47	0 39	0 37	2 3	33 38	14 25	22 5	21 49	19 37		n.a.
M26	21 0	21 46	2 2	23 48	0 1	5 20	1 16	28 4	4 28	22 11	0 52	6 28	2 13	0 46	0 39	0 37	2 3	33 38	14 25	22 5	21 48	19 35		n.a.
T 27	20 47	20 9	2 58	23 57	0 s 8	4 51	1 22	28 4	4 27	22 8	0 52	6 30	2 13	0 45	0 39	0 37	2 3	33 39	14 25	22 4	21 48	19 34		n.a.
W28	20 35	17 41	3 45	24 5	0 18	4 22	1 28	28 4	4 26	22 5	0 53	6 31	2 12	0 44	0 39	0 38	2 3	33 39	14 25	22 3	21 47	19 32		n.a.
T 29	20 22	14 27	4 23	24 12	0 26	3 53	1 34	28 4	4 25	22 3	0 53	6 33	2 12	0 43	0 39	0 38	2 3	33 40	14 25	22 1	21 47	19 31		n.a.
F 30	20 9	10 39	4 50	24 18	0 35	3 24	1 41	28 4	4 23	22 0	0 53	6 34	2 12	0 42	0 39	0 38	2 3	33 40	14 25	21 59	21 46	19 29		n.a.
S 31	19 s55	6n23	5 s 3	24 s23	0 s43	2 s55	1n47	28n 3	4n22	21 s57	0 s53	6n36	2 s12	0 s41	0 s39	0n38	2n 4	33n41	14n26	21 s58	21 s46	19n28		n.a.

Julian Day Number = 1354712.5, Delta T = 07h04m13s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'11, Lahiri = -17°49'10 Julian Calendar 1 Jan. 1004 BCE == Greg. Calendar 22 Dec. 1005 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

FEBRUARY 1004 BCE (-1003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 6 5	3♒27'21	13♍45	7♑36	19♓35	5°R26	27♑13	21♈51	29♓47	3°R 4	3°R20	7°R41	6♐36	16♋48	n.a.	S 1
M 2	8 10 1	4°27'09	26° 8	8°53	20°32	5♋10	27°27	21°55	29°49	3♎ 4	3♌18	7♐33	6°33	16°55	n.a.	M 2
T 3	8 13 58	5°26'55	8♎44	10°13	21°28	4°56	27°42	21°58	29°52	3° 3	3°17	7°28	6°30	17° 2	n.a.	T 3
W 4	8 17 55	6°26'39	21°34	11°34	22°24	4°42	27°56	22° 2	29°54	3° 2	3°15	7°24	6°27	17° 8	n.a.	W 4
T 5	8 21 51	7°26'22	4♏42	12°56	23°19	4°29	28°10	22° 6	29°56	3° 2	3°14	7°D23	6°23	17°15	n.a.	T 5
F 6	8 25 48	8°26'02	18°11	14°20	24°14	4°17	28°25	22°10	29°59	3° 1	3°12	7°23	6°20	17°22	n.a.	F 6
S 7	8 29 44	9°25'41	2♐ 2	15°45	25° 8	4° 5	28°39	22°14	0♈ 1	3° 0	3°10	7°R24	6°17	17°28	n.a.	S 7
S 8	8 33 41	10°25'18	16°18	17°12	26° 1	3°54	28°53	22°18	0° 3	2°59	3° 9	7°24	6°14	17°35	n.a.	S 8
M 9	8 37 37	11°24'53	0♑56	18°40	26°53	3°44	29° 8	22°22	0° 6	2°58	3° 7	7°22	6°11	17°42	n.a.	M 9
T 10	8 41 34	12°24'26	15°53	20°10	27°45	3°35	29°22	22°26	0° 9	2°58	3° 6	7°17	6° 8	17°48	n.a.	T 10
W11	8 45 30	13°23'57	1♒ 2	21°41	28°36	3°27	29°36	22°30	0°11	2°57	3° 4	7°10	6° 4	17°55	n.a.	W11
T 12	8 49 27	14°23'26	16°12	23°13	29°27	3°19	29°50	22°35	0°14	2°56	3° 3	7° 1	6° 1	18° 2	n.a.	T 12
F 13	8 53 24	15°22'53	1♓14	24°47	0♈16	3°12	0♒ 4	22°39	0°16	2°55	3° 1	6°50	5°58	18° 8	n.a.	F 13
S 14	8 57 20	16°22'17	15°58	26°22	1° 5	3° 6	0°19	22°44	0°19	2°54	3° 0	6°40	5°55	18°15	n.a.	S 14
S 15	9 1 17	17°21'39	0♈17	27°58	1°53	3° 1	0°33	22°49	0°22	2°53	2°58	6°31	5°52	18°22	n.a.	S 15
M16	9 5 13	18°20'59	14° 6	29°35	2°40	2°57	0°47	22°53	0°24	2°52	2°57	6°24	5°48	18°28	n.a.	M16
T 17	9 9 10	19°20'16	27°25	1♒14	3°26	2°53	1° 1	22°58	0°27	2°51	2°55	6°20	5°45	18°35	n.a.	T 17
W18	9 13 6	20°19'31	10♉18	2°55	4°12	2°50	1°15	23° 3	0°30	2°50	2°54	6°18	5°42	18°42	n.a.	W18
T 19	9 17 3	21°18'43	22°47	4°36	4°56	2°48	1°29	23° 8	0°33	2°49	2°52	6°D18	5°39	18°48	n.a.	T 19
F 20	9 20 59	22°17'53	4♊58	6°19	5°39	2°47	1°43	23°13	0°36	2°47	2°51	6°R18	5°36	18°55	n.a.	F 20
S 21	9 24 56	23°17'01	16°56	8° 4	6°21	2°D46	1°57	23°19	0°39	2°46	2°49	6°17	5°33	19° 2	n.a.	S 21
S 22	9 28 52	24°16'06	28°46	9°49	7° 2	2°46	2°11	23°24	0°42	2°45	2°48	6°15	5°29	19° 8	n.a.	S 22
M23	9 32 49	25°15'08	10♋34	11°36	7°42	2°47	2°25	23°29	0°44	2°44	2°46	6°11	5°26	19°15	n.a.	M23
T 24	9 36 46	26°14'09	22°23	13°25	8°21	2°49	2°38	23°35	0°47	2°43	2°45	6° 4	5°23	19°22	n.a.	T 24
W25	9 40 42	27°13'07	4♌16	15°15	8°58	2°51	2°52	23°40	0°50	2°41	2°43	5°54	5°20	19°29	n.a.	W25
T 26	9 44 39	28°12'02	16°16	17° 6	9°34	2°54	3° 6	23°46	0°53	2°40	2°42	5°41	5°17	19°35	n.a.	T 26
F 27	9 48 35	29°10'56	28°25	18°59	10° 9	2°58	3°20	23°51	0°56	2°39	2°41	5°28	5°13	19°42	n.a.	F 27
S 28	9 52 32	0♓ 9'47	10♍42	20♒53	10♈42	3♋ 2	3♒33	23♈57	0♈59	2♎38	2♌39	5♐14	5♐10	19♋49	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	19s41	1n50	5s 4	24s27	0s51	2s27	1n54	28n 3	4n21	21s54	0s53	6n37	2s11	0s40	0s38	0n39	2n 4	33n41	14n26	21s56	21s45	19n26		n.a.
M 2	19 27	2s52	4 50	24 29	0 59	1 58	2 0	28 2	4 19	21 52	0 53	6 39	2 11	0 40	0 38	0 39	2 4	33 42	14 26	21 55	21 44	19 25		n.a.
T 3	19 12	7 30	4 21	24 31	1 6	1 29	2 7	28 1	4 18	21 49	0 53	6 40	2 11	0 39	0 38	0 39	2 4	33 42	14 26	21 54	21 44	19 23		n.a.
W 4	18 57	11 55	3 40	24 31	1 13	1 1	2 14	28 0	4 16	21 46	0 53	6 42	2 10	0 38	0 38	0 40	2 4	33 43	14 26	21 53	21 43	19 22		n.a.
T 5	18 42	15 53	2 46	24 30	1 19	0 33	2 21	27 59	4 15	21 43	0 53	6 44	2 10	0 37	0 38	0 40	2 4	33 43	14 26	21 53	21 43	19 20		n.a.
F 6	18 26	19 7	1 41	24 27	1 26	0 5	2 27	27 58	4 13	21 40	0 53	6 45	2 10	0 36	0 38	0 40	2 4	33 43	14 26	21 53	21 42	19 19		n.a.
S 7	18 10	21 22	0 29	24 23	1 31	0n23	2 34	27 57	4 12	21 37	0 54	6 47	2 10	0 35	0 38	0 41	2 4	33 44	14 26	21 53	21 42	19 17		n.a.
S 8	17 54	22 19	0n47	24 17	1 37	0 51	2 41	27 55	4 10	21 35	0 54	6 49	2 9	0 34	0 38	0 41	2 4	33 44	14 26	21 53	21 41	19 16		n.a.
M 9	17 38	21 47	2 2	24 10	1 42	1 19	2 48	27 54	4 8	21 32	0 54	6 51	2 9	0 33	0 38	0 42	2 4	33 45	14 26	21 53	21 41	19 14		n.a.
T 10	17 21	19 43	3 10	24 2	1 47	1 46	2 55	27 52	4 6	21 29	0 54	6 53	2 9	0 32	0 38	0 42	2 4	33 45	14 26	21 52	21 40	19 13		n.a.
W11	17 4	16 15	4 5	23 52	1 51	2 13	3 2	27 51	4 5	21 26	0 54	6 54	2 8	0 30	0 38	0 42	2 4	33 45	14 26	21 51	21 39	19 11		n.a.
T 12	16 46	11 43	4 43	23 40	1 55	2 40	3 9	27 49	4 3	21 23	0 54	6 56	2 8	0 29	0 38	0 43	2 4	33 46	14 26	21 49	21 39	19 10		n.a.
F 13	16 28	6 31	5 1	23 27	1 58	3 6	3 16	27 47	4 1	21 20	0 54	6 58	2 8	0 28	0 38	0 43	2 4	33 46	14 26	21 47	21 38	19 8		n.a.
S 14	16 11	1 2	4 59	23 12	2 1	3 32	3 23	27 46	3 59	21 17	0 54	7 0	2 8	0 27	0 38	0 44	2 4	33 47	14 26	21 46	21 38	19 7		n.a.
S 15	15 52	4n20	4 37	22 55	2 4	3 58	3 31	27 44	3 57	21 14	0 54	7 2	2 7	0 26	0 38	0 44	2 4	33 47	14 26	21 44	21 37	19 5		n.a.
M16	15 34	9 19	4 0	22 37	2 6	4 24	3 38	27 42	3 55	21 11	0 55	7 4	2 7	0 25	0 38	0 45	2 4	33 47	14 26	21 43	21 37	19 3		n.a.
T 17	15 15	13 41	3 11	22 16	2 8	4 49	3 45	27 40	3 53	21 8	0 55	7 6	2 7	0 24	0 38	0 45	2 5	33 48	14 26	21 42	21 36	19 2		n.a.
W18	14 56	17 15	2 14	21 55	2 9	5 14	3 52	27 38	3 51	21 5	0 55	7 8	2 7	0 23	0 38	0 46	2 5	33 48	14 26	21 42	21 36	19 0		n.a.
T 19	14 37	19 54	1 11	21 31	2 10	5 38	3 59	27 36	3 49	21 2	0 55	7 11	2 6	0 21	0 38	0 46	2 5	33 48	14 26	21 42	21 35	18 59		n.a.
F 20	14 18	21 34	0 7	21 5	2 10	6 2	4 7	27 34	3 47	20 59	0 55	7 13	2 6	0 20	0 38	0 46	2 5	33 49	14 25	21 42	21 34	18 57		n.a.
S 21	13 58	22 14	0s56	20 38	2 10	6 26	4 14	27 32	3 45	20 56	0 55	7 15	2 6	0 19	0 38	0 47	2 5	33 49	14 25	21 42	21 34	18 56		n.a.
S 22	13 38	21 52	1 56	20 9	2 10	6 49	4 21	27 30	3 43	20 53	0 55	7 17	2 6	0 18	0 38	0 48	2 5	33 49	14 25	21 41	21 33	18 54		n.a.
M23	13 18	20 33	2 51	19 38	2 9	7 12	4 28	27 28	3 41	20 50	0 55	7 19	2 5	0 17	0 38	0 48	2 5	33 49	14 25	21 41	21 33	18 53		n.a.
T 24	12 58	18 20	3 38	19 5	2 7	7 34	4 35	27 26	3 39	20 47	0 56	7 22	2 5	0 15	0 38	0 49	2 5	33 50	14 25	21 39	21 32	18 51		n.a.
W25	12 38	15 21	4 16	18 30	2 5	7 55	4 42	27 24	3 37	20 44	0 56	7 24	2 5	0 14	0 38	0 49	2 5	33 50	14 25	21 38	21 32	18 49		n.a.
T 26	12 17	11 42	4 43	17 53	2 2	8 16	4 49	27 22	3 35	20 40	0 56	7 26	2 5	0 13	0 38	0 50	2 5	33 50	14 25	21 35	21 31	18 48		n.a.
F 27	11 56	7 34	4 58	17 15	1 59	8 36	4 56	27 20	3 33	20 37	0 56	7 28	2 4	0 12	0 38	0 50	2 5	33 50	14 25	21 33	21 30	18 46		n.a.
S 28	11s35	3n 4	4s59	16s35	1s55	8n56	5n 3	27n18	3n31	20s34	0s56	7n31	2s 4	0s11	0s38	0n51	2n 5	33n51	14n25	21s30	21s30	18n45		n.a.

Julian Day Number = 1354743.5, Delta T = 07h04m11s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'06, Lahiri = -17°49'06 Julian Calendar 1 Feb. 1004 BCE == Greg. Calendar 22 Jan. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

MARCH 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 56 28	1♓ 8'36	23♍10	22♒48	11♈14	3♋ 7	3♒47	24♈ 3	1♈ 3	2°R36	2°R38	5°R 1	5♐ 7	19♋55	n.a.	S 1
M 2	10 0 25	2° 7'23	5♎47	24°45	11°45	3°13	4° 0	24° 9	1° 6	2♎35	2♌36	4♐50	5° 4	20° 2	n.a.	M 2
T 3	10 4 21	3° 6'08	18°36	26°44	12°14	3°19	4°14	24°14	1° 9	2°34	2°35	4°42	5° 1	20° 9	n.a.	T 3
W 4	10 8 18	4° 4'51	1♏36	28°43	12°41	3°27	4°27	24°20	1°12	2°32	2°34	4°36	4°58	20°15	n.a.	W 4
T 5	10 12 15	5° 3'32	14°50	0♓44	13° 7	3°34	4°41	24°26	1°15	2°31	2°33	4°34	4°54	20°22	n.a.	T 5
F 6	10 16 11	6° 2'12	28°19	2°47	13°31	3°42	4°54	24°33	1°18	2°30	2°31	4°33	4°51	20°29	n.a.	F 6
S 7	10 20 8	7° 0'50	12♐ 5	4°50	13°53	3°51	5° 7	24°39	1°21	2°28	2°30	4°33	4°48	20°35	n.a.	S 7
S 8	10 24 4	7°59'26	26° 8	6°54	14°13	4° 1	5°21	24°45	1°25	2°27	2°29	4°32	4°45	20°42	n.a.	S 8
M 9	10 28 1	8°58'00	10♑30	8°59	14°32	4°11	5°34	24°51	1°28	2°25	2°28	4°30	4°42	20°49	n.a.	M 9
T 10	10 31 57	9°56'33	25° 6	11° 6	14°48	4°22	5°47	24°58	1°31	2°24	2°26	4°25	4°39	20°55	n.a.	T 10
W11	10 35 54	10°55'03	9♒54	13°12	15° 3	4°33	6° 0	25° 4	1°34	2°22	2°25	4°17	4°35	21° 2	n.a.	W11
T 12	10 39 50	11°53'32	24°46	15°19	15°15	4°45	6°13	25°10	1°38	2°21	2°24	4° 7	4°32	21° 9	n.a.	T 12
F 13	10 43 47	12°51'59	9♓32	17°26	15°26	4°57	6°26	25°17	1°41	2°19	2°23	3°56	4°29	21°16	n.a.	F 13
S 14	10 47 43	13°50'24	24° 6	19°33	15°34	5°10	6°39	25°24	1°44	2°18	2°22	3°45	4°26	21°22	n.a.	S 14
S 15	10 51 40	14°48'46	8♈19	21°40	15°40	5°23	6°52	25°30	1°48	2°16	2°21	3°35	4°23	21°29	n.a.	S 15
M16	10 55 37	15°47'07	22° 8	23°46	15°43	5°37	7° 5	25°37	1°51	2°15	2°20	3°27	4°19	21°36	n.a.	M16
T 17	10 59 33	16°45'25	5♉29	25°51	15°R45	5°51	7°17	25°44	1°54	2°13	2°19	3°21	4°16	21°42	n.a.	T 17
W18	11 3 30	17°43'42	18°24	27°54	15°44	6° 6	7°30	25°50	1°58	2°12	2°18	3°19	4°13	21°49	n.a.	W18
T 19	11 7 26	18°41'56	0♊57	29°56	15°40	6°22	7°43	25°57	2° 1	2°10	2°17	3°D18	4°10	21°56	n.a.	T 19
F 20	11 11 23	19°40'08	13°10	1♈56	15°34	6°38	7°55	26° 4	2° 4	2° 8	2°16	3°18	4° 7	22° 2	n.a.	F 20
S 21	11 15 19	20°38'18	25°11	3°54	15°26	6°54	8° 8	26°11	2° 8	2° 7	2°15	3°R18	4° 4	22° 9	n.a.	S 21
S 22	11 19 16	21°36'26	7♋ 3	5°49	15°15	7°11	8°20	26°18	2°11	2° 5	2°14	3°17	4° 0	22°16	n.a.	S 22
M23	11 23 12	22°34'32	18°52	7°41	15° 1	7°28	8°32	26°25	2°15	2° 4	2°13	3°14	3°57	22°22	n.a.	M23
T 24	11 27 9	23°32'36	0♌44	9°31	14°45	7°46	8°44	26°32	2°18	2° 2	2°12	3° 8	3°54	22°29	n.a.	T 24
W25	11 31 5	24°30'37	12°41	11°17	14°27	8° 4	8°57	26°39	2°22	2° 1	2°11	3° 0	3°51	22°36	n.a.	W25
T 26	11 35 2	25°28'37	24°48	13° 0	14° 7	8°22	9° 9	26°46	2°25	1°59	2°10	2°50	3°48	22°42	n.a.	T 26
F 27	11 38 59	26°26'34	7♍ 6	14°39	13°44	8°41	9°21	26°53	2°28	1°57	2°10	2°39	3°45	22°49	n.a.	F 27
S 28	11 42 55	27°24'30	19°36	16°14	13°19	9° 0	9°33	27° 1	2°32	1°56	2° 9	2°27	3°41	22°56	n.a.	S 28
S 29	11 46 52	28°22'24	2♎20	17°46	12°51	9°20	9°44	27° 8	2°35	1°54	2° 8	2°16	3°38	23° 3	n.a.	S 29
M30	11 50 48	29°20'17	15°17	19°14	12°22	9°40	9°56	27°15	2°39	1°52	2° 7	2° 7	3°35	23° 9	n.a.	M30
T 31	11 54 45	0♈18'08	28♎25	20♈38	11♈51	10♋ 0	10♒ 8	27♈23	2♈42	1♎51	2♌ 7	2♐ 0	3♐32	23♋16	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	11s14	1s36	4s45	15s52	1s51	9n15	5n10	27n15	3n29	20s31	0s56	7n33	2s 4	0s 9	0s38	0n51	2n 5	33n51	14n24	21s28	21s29	18n43			n.a.
M 2	10 53	6 16	4 18	15 8	1 46	9 34	5 17	27 13	3 27	20 28	0 56	7 35	2 4	0 8	0 38	0 52	2 5	33 51	14 24	21 26	21 29	18 41			n.a.
T 3	10 32	10 44	3 37	14 22	1 41	9 51	5 24	27 11	3 25	20 25	0 57	7 38	2 4	0 7	0 38	0 52	2 5	33 51	14 24	21 25	21 28	18 40			n.a.
W 4	10 10	14 47	2 45	13 35	1 35	10 8	5 30	27 9	3 23	20 22	0 57	7 40	2 3	0 5	0 38	0 53	2 5	33 51	14 24	21 24	21 27	18 38			n.a.
T 5	9 48	18 10	1 42	12 46	1 29	10 25	5 37	27 7	3 21	20 19	0 57	7 43	2 3	0 4	0 38	0 54	2 5	33 51	14 24	21 23	21 27	18 37			n.a.
F 6	9 26	20 38	0 33	11 55	1 21	10 40	5 43	27 4	3 19	20 16	0 57	7 45	2 3	0 3	0 38	0 54	2 5	33 52	14 24	21 23	21 26	18 35			n.a.
S 7	9 4	21 56	0n40	11 2	1 14	10 55	5 50	27 2	3 17	20 12	0 57	7 48	2 3	0 2	0 38	0 55	2 5	33 52	14 23	21 23	21 26	18 33			n.a.
S 8	8 42	21 54	1 51	10 8	1 6	11 8	5 56	27 0	3 15	20 9	0 57	7 50	2 2	0 0	0 38	0 55	2 5	33 52	14 23	21 23	21 25	18 32			n.a.
M 9	8 20	20 26	2 58	9 12	0 57	11 21	6 2	26 58	3 13	20 6	0 57	7 53	2 2	0n 1	0 38	0 56	2 5	33 52	14 23	21 22	21 25	18 30			n.a.
T 10	7 58	17 37	3 53	8 16	0 48	11 33	6 7	26 55	3 11	20 3	0 58	7 55	2 2	0 2	0 38	0 57	2 5	33 52	14 23	21 21	21 24	18 29			n.a.
W11	7 35	13 39	4 34	7 18	0 39	11 44	6 13	26 53	3 9	20 0	0 58	7 58	2 2	0 4	0 38	0 57	2 5	33 52	14 23	21 20	21 23	18 27			n.a.
T 12	7 13	8 49	4 57	6 19	0 29	11 53	6 18	26 51	3 7	19 57	0 58	8 0	2 2	0 5	0 38	0 58	2 5	33 52	14 22	21 18	21 23	18 25			n.a.
F 13	6 50	3 30	4 59	5 19	0 19	12 2	6 23	26 48	3 5	19 54	0 58	8 3	2 1	0 6	0 38	0 59	2 5	33 52	14 22	21 16	21 22	18 24			n.a.
S 14	6 27	1n56	4 42	4 19	0 8	12 10	6 28	26 46	3 3	19 50	0 58	8 6	2 1	0 8	0 38	0 59	2 5	33 52	14 22	21 14	21 22	18 22			n.a.
S 15	6 4	7 8	4 8	3 19	0n 3	12 16	6 32	26 43	3 1	19 47	0 58	8 8	2 1	0 9	0 37	1 0	2 6	33 52	14 22	21 12	21 21	18 21			n.a.
M16	5 41	11 49	3 20	2 18	0 14	12 21	6 36	26 41	2 59	19 44	0 59	8 11	2 1	0 11	0 37	1 0	2 6	33 53	14 21	21 10	21 20	18 19			n.a.
T 17	5 18	15 47	2 22	1 18	0 25	12 25	6 40	26 38	2 58	19 41	0 59	8 13	2 1	0 12	0 37	1 1	2 6	33 53	14 21	21 9	21 20	18 17			n.a.
W18	4 55	18 50	1 18	0 18	0 36	12 28	6 43	26 36	2 56	19 38	0 59	8 16	2 1	0 13	0 37	1 2	2 6	33 53	14 21	21 9	21 19	18 16			n.a.
T 19	4 32	20 52	0 13	0n42	0 47	12 29	6 46	26 33	2 54	19 35	0 59	8 19	2 0	0 15	0 37	1 2	2 6	33 53	14 21	21 9	21 19	18 14			n.a.
F 20	4 9	21 52	0s52	1 40	0 58	12 29	6 49	26 31	2 52	19 32	0 59	8 21	2 0	0 16	0 37	1 3	2 6	33 53	14 20	21 9	21 18	18 12			n.a.
S 21	3 46	21 50	1 53	2 38	1 9	12 27	6 51	26 28	2 50	19 29	1 0	8 24	2 0	0 17	0 37	1 4	2 6	33 53	14 20	21 9	21 17	18 11			n.a.
S 22	3 23	20 48	2 49	3 34	1 20	12 24	6 52	26 25	2 48	19 25	1 0	8 27	2 0	0 19	0 37	1 4	2 6	33 52	14 20	21 8	21 17	18 9			n.a.
M23	2 59	18 53	3 37	4 28	1 30	12 20	6 53	26 22	2 47	19 22	1 0	8 30	2 0	0 20	0 37	1 5	2 6	33 52	14 20	21 8	21 16	18 7			n.a.
T 24	2 36	16 9	4 16	5 21	1 39	12 14	6 53	26 20	2 45	19 19	1 0	8 32	1 59	0 22	0 37	1 6	2 6	33 52	14 19	21 7	21 16	18 6			n.a.
W25	2 13	12 44	4 44	6 12	1 49	12 6	6 53	26 17	2 43	19 16	1 0	8 35	1 59	0 23	0 37	1 6	2 6	33 52	14 19	21 5	21 15	18 4			n.a.
T 26	1 49	8 46	5 0	7 0	1 58	11 57	6 52	26 14	2 41	19 13	1 0	8 38	1 59	0 24	0 37	1 7	2 6	33 52	14 19	21 3	21 14	18 2			n.a.
F 27	1 26	4 23	5 2	7 47	2 6	11 47	6 51	26 11	2 40	19 10	1 1	8 41	1 59	0 26	0 37	1 8	2 6	33 52	14 18	21 1	21 14	18 1			n.a.
S 28	1 3	0s15	4 49	8 32	2 13	11 35	6 49	26 8	2 38	19 7	1 1	8 43	1 59	0 27	0 37	1 8	2 6	33 52	14 18	20 59	21 13	17 59			n.a.
S 29	0 39	4 57	4 22	9 14	2 20	11 21	6 46	26 5	2 36	19 4	1 1	8 46	1 59	0 29	0 37	1 9	2 6	33 52	14 18	20 56	21 13	17 57			n.a.
M30	0 16	9 30	3 42	9 53	2 26	11 6	6 42	26 1	2 35	19 1	1 1	8 49	1 59	0 30	0 37	1 10	2 6	33 52	14 18	20 55	21 12	17 56			n.a.
T 31	0n 7	13s42	2s49	10n31	2n32	10n50	6n37	25n58	2n33	18s58	1s 1	8n52	1s58	0n31	0s37	1n10	2n 6	33n52	14n17	20s53	21s11	17n54			n.a.

Julian Day Number = 1354771.5, Delta T = 07h04m10s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°56'02, Lahiri = -17°49'02 Julian Calendar 1 March 1004 BCE == Greg. Calendar 19 Feb. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

APRIL 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	11 58 41	1♈15'57	11♏45	21♈57	11°R19	10♋21	10♒19	27♈30	2♈46	1°R49	2°R 6	1°R56	3♐29	23♋23	n.a.	W 1
T 2	12 2 38	2°13'45	25°16	23°13	10♈45	10°42	10°31	27°37	2°49	1♎48	2♌ 5	1♐54	3°25	23°29	n.a.	T 2
F 3	12 6 34	3°11'31	8♐57	24°25	10°10	11° 4	10°42	27°45	2°52	1°46	2° 5	1°D54	3°22	23°36	n.a.	F 3
S 4	12 10 31	4° 9'17	22°48	25°32	9°34	11°26	10°53	27°52	2°56	1°44	2° 4	1°55	3°19	23°43	n.a.	S 4
S 5	12 14 28	5° 7'01	6♑50	26°35	8°57	11°48	11° 5	28° 0	2°59	1°43	2° 4	1°R55	3°16	23°49	n.a.	S 5
M 6	12 18 24	6° 4'44	21° 2	27°33	8°19	12°10	11°16	28° 7	3° 3	1°41	2° 3	1°54	3°13	23°56	n.a.	M 6
T 7	12 22 21	7° 2'25	5♒22	28°27	7°41	12°33	11°27	28°15	3° 6	1°39	2° 3	1°51	3°10	24° 3	n.a.	T 7
W 8	12 26 17	8° 0'06	19°47	29°17	7° 3	12°56	11°38	28°22	3°10	1°38	2° 2	1°46	3° 6	24° 9	n.a.	W 8
T 9	12 30 14	8°57'45	4♓12	0♉ 2	6°25	13°20	11°49	28°30	3°13	1°36	2° 2	1°39	3° 3	24°16	n.a.	T 9
F 10	12 34 10	9°55'23	18°33	0°42	5°48	13°43	11°59	28°38	3°17	1°35	2° 1	1°31	3° 0	24°23	n.a.	F 10
S 11	12 38 7	10°52'59	2♈44	1°18	5°11	14° 8	12°10	28°45	3°20	1°33	2° 1	1°23	2°57	24°30	n.a.	S 11
S 12	12 42 3	11°50'35	16°39	1°49	4°35	14°32	12°20	28°53	3°23	1°31	2° 1	1°16	2°54	24°36	n.a.	S 12
M13	12 46 0	12°48'08	0♉14	2°16	4° 0	14°57	12°31	29° 1	3°27	1°30	2° 0	1°10	2°50	24°43	n.a.	M13
T 14	12 49 57	13°45'41	13°27	2°37	3°27	15°21	12°41	29° 8	3°30	1°28	2° 0	1° 7	2°47	24°50	n.a.	T 14
W15	12 53 53	14°43'12	26°18	2°54	2°55	15°47	12°51	29°16	3°34	1°27	2° 0	1°D 5	2°44	24°56	n.a.	W15
T 16	12 57 50	15°40'42	8♊50	3° 5	2°25	16°12	13° 1	29°24	3°37	1°25	2° 0	1° 5	2°41	25° 3	n.a.	T 16
F 17	13 1 46	16°38'10	21° 5	3°12	1°56	16°38	13°11	29°32	3°41	1°23	1°59	1° 7	2°38	25°10	n.a.	F 17
S 18	13 5 43	17°35'37	3♋ 7	3°R15	1°29	17° 4	13°21	29°40	3°44	1°22	1°59	1° 8	2°35	25°16	n.a.	S 18
S 19	13 9 39	18°33'02	15° 1	3°12	1° 5	17°30	13°31	29°47	3°47	1°20	1°59	1°R 9	2°31	25°23	n.a.	S 19
M20	13 13 36	19°30'26	26°52	3° 6	0°42	17°57	13°41	29°55	3°51	1°19	1°59	1° 9	2°28	25°30	n.a.	M20
T 21	13 17 32	20°27'49	8♌46	2°55	0°22	18°23	13°50	0♉ 3	3°54	1°17	1°59	1° 7	2°25	25°36	n.a.	T 21
W22	13 21 29	21°25'10	20°46	2°39	0° 4	18°50	14° 0	0°11	3°57	1°16	1°59	1° 3	2°22	25°43	n.a.	W22
T 23	13 25 26	22°22'30	2♍57	2°20	29♓48	19°18	14° 9	0°19	4° 1	1°14	1°D59	0°58	2°19	25°50	n.a.	T 23
F 24	13 29 22	23°19'49	15°22	1°58	29°35	19°45	14°18	0°27	4° 4	1°13	1°59	0°53	2°16	25°57	n.a.	F 24
S 25	13 33 19	24°17'06	28° 3	1°32	29°24	20°13	14°27	0°34	4° 7	1°11	1°59	0°46	2°12	26° 3	n.a.	S 25
S 26	13 37 15	25°14'23	11♎ 2	1° 4	29°16	20°41	14°36	0°42	4°10	1°10	1°59	0°40	2° 9	26°10	n.a.	S 26
M27	13 41 12	26°11'38	24°17	0°34	29°10	21° 9	14°45	0°50	4°14	1° 8	1°59	0°36	2° 6	26°17	n.a.	M27
T 28	13 45 8	27° 8'53	7♏47	0° 2	29° 7	21°37	14°53	0°58	4°17	1° 7	1°59	0°32	2° 3	26°23	n.a.	T 28
W29	13 49 5	28° 6'06	21°32	29♈29	29°D 5	22° 6	15° 2	1° 6	4°20	1° 6	2° 0	0°31	2° 0	26°30	n.a.	W29
T 30	13 53 1	29♈ 3'19	5♐26	28♈55	29♓ 7	22♋35	15♒10	1♉14	4♈23	1♎ 4	2♌ 0	0°D30	1♐56	26♋37	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	0n31	17s16	1s46	11n 5	2n36	10n32	6n32	25n55	2n31	18s55	1s 2	8n55	1s58	0n33	0s37	1n11	2n 6	33n52	14n17	20s52	21s11	17n52		n.a.
T 2	0 54	19 57	0 35	11 38	2 40	10 13	6 26	25 52	2 30	18 52	1 2	8 57	1 58	0 34	0 37	1 12	2 6	33 51	14 17	20 52	21 10	17 51		n.a.
F 3	1 17	21 31	0n38	12 7	2 43	9 53	6 19	25 48	2 28	18 49	1 2	9 0	1 58	0 35	0 37	1 12	2 6	33 51	14 16	20 52	21 9	17 49		n.a.
S 4	1 41	21 48	1 50	12 34	2 45	9 31	6 12	25 45	2 26	18 46	1 2	9 3	1 58	0 37	0 37	1 13	2 6	33 51	14 16	20 52	21 9	17 47		n.a.
S 5	2 4	20 43	2 56	12 59	2 46	9 9	6 4	25 41	2 25	18 43	1 3	9 6	1 58	0 38	0 37	1 14	2 6	33 51	14 16	20 52	21 8	17 46		n.a.
M 6	2 27	18 19	3 52	13 20	2 46	8 46	5 55	25 37	2 23	18 40	1 3	9 9	1 58	0 40	0 37	1 14	2 6	33 51	14 15	20 52	21 8	17 44		n.a.
T 7	2 50	14 48	4 34	13 39	2 45	8 22	5 45	25 34	2 22	18 37	1 3	9 11	1 57	0 41	0 37	1 15	2 6	33 50	14 15	20 51	21 7	17 42		n.a.
W 8	3 13	10 23	4 59	13 56	2 43	7 57	5 35	25 30	2 20	18 35	1 3	9 14	1 57	0 42	0 37	1 16	2 6	33 50	14 15	20 50	21 6	17 40		n.a.
T 9	3 36	5 23	5 6	14 9	2 41	7 32	5 24	25 26	2 18	18 32	1 3	9 17	1 57	0 44	0 37	1 16	2 6	33 50	14 14	20 49	21 6	17 39		n.a.
F 10	3 59	0 7	4 53	14 20	2 37	7 6	5 12	25 22	2 17	18 29	1 4	9 20	1 57	0 45	0 37	1 17	2 6	33 50	14 14	20 47	21 5	17 37		n.a.
S 11	4 22	5n 6	4 22	14 29	2 32	6 41	5 1	25 18	2 15	18 26	1 4	9 23	1 57	0 47	0 37	1 18	2 6	33 50	14 14	20 46	21 5	17 35		n.a.
S 12	4 45	9 57	3 36	14 34	2 26	6 15	4 48	25 13	2 14	18 23	1 4	9 26	1 57	0 48	0 37	1 18	2 6	33 49	14 13	20 44	21 4	17 34		n.a.
M13	5 8	14 12	2 39	14 37	2 19	5 49	4 35	25 9	2 12	18 21	1 4	9 29	1 57	0 49	0 37	1 19	2 6	33 49	14 13	20 43	21 3	17 32		n.a.
T 14	5 31	17 37	1 34	14 37	2 11	5 23	4 22	25 5	2 11	18 18	1 5	9 31	1 57	0 51	0 37	1 19	2 6	33 49	14 12	20 42	21 3	17 30		n.a.
W15	5 53	20 3	0 26	14 35	2 3	4 58	4 9	25 0	2 9	18 15	1 5	9 34	1 57	0 52	0 37	1 20	2 6	33 48	14 12	20 42	21 2	17 28		n.a.
T 16	6 16	21 26	0s42	14 30	1 53	4 33	3 55	24 56	2 8	18 12	1 5	9 37	1 56	0 53	0 37	1 21	2 6	33 48	14 12	20 42	21 1	17 27		n.a.
F 17	6 38	21 45	1 46	14 22	1 42	4 9	3 41	24 51	2 6	18 10	1 5	9 40	1 56	0 55	0 37	1 21	2 6	33 48	14 11	20 42	21 1	17 25		n.a.
S 18	7 1	21 2	2 45	14 12	1 30	3 46	3 27	24 46	2 5	18 7	1 6	9 43	1 56	0 56	0 37	1 22	2 6	33 48	14 11	20 42	21 0	17 23		n.a.
S 19	7 23	19 23	3 35	13 59	1 17	3 23	3 13	24 41	2 4	18 4	1 6	9 46	1 56	0 58	0 37	1 22	2 6	33 47	14 11	20 43	20 59	17 21		n.a.
M20	7 45	16 55	4 17	13 43	1 3	3 1	2 59	24 36	2 2	18 2	1 6	9 49	1 56	0 59	0 37	1 23	2 6	33 47	14 10	20 43	20 59	17 20		n.a.
T 21	8 7	13 44	4 47	13 26	0 49	2 40	2 45	24 31	2 1	17 59	1 6	9 51	1 56	1 0	0 37	1 24	2 6	33 47	14 10	20 42	20 58	17 18		n.a.
W22	8 29	9 59	5 5	13 6	0 34	2 20	2 31	24 26	1 59	17 57	1 7	9 54	1 56	1 2	0 37	1 24	2 6	33 46	14 10	20 41	20 58	17 16		n.a.
T 23	8 50	5 46	5 10	12 45	0 18	2 1	2 18	24 21	1 58	17 54	1 7	9 57	1 56	1 3	0 37	1 25	2 6	33 46	14 9	20 40	20 57	17 15		n.a.
F 24	9 12	1 15	5 0	12 22	0 1	1 43	2 4	24 15	1 57	17 52	1 7	10 0	1 56	1 4	0 37	1 25	2 6	33 46	14 9	20 39	20 56	17 13		n.a.
S 25	9 34	3s25	4 36	11 57	0s15	1 27	1 51	24 10	1 55	17 49	1 7	10 3	1 56	1 6	0 37	1 26	2 5	33 45	14 8	20 38	20 56	17 11		n.a.
S 26	9 55	8 3	3 57	11 31	0 32	1 11	1 37	24 4	1 54	17 47	1 8	10 6	1 56	1 7	0 37	1 27	2 5	33 45	14 8	20 37	20 55	17 9		n.a.
M27	10 16	12 25	3 5	11 5	0 49	0 57	1 25	23 58	1 52	17 45	1 8	10 9	1 56	1 8	0 37	1 27	2 5	33 44	14 8	20 36	20 54	17 8		n.a.
T 28	10 37	16 14	2 1	10 37	1 6	0 44	1 12	23 52	1 51	17 42	1 8	10 11	1 55	1 10	0 37	1 28	2 5	33 44	14 7	20 35	20 54	17 6		n.a.
W29	10 58	19 13	0 49	10 10	1 23	0 32	0 59	23 46	1 50	17 40	1 8	10 14	1 55	1 11	0 37	1 28	2 5	33 44	14 7	20 35	20 53	17 4		n.a.
T 30	11n18	21s 6	0n27	9n42	1s40	0n22	0n47	23n40	1n48	17s38	1s 9	10n17	1s55	1n12	0s37	1n29	2n 5	33n43	14n 7	20s35	20s52	17n 2		n.a.

Julian Day Number = 1354802.5, Delta T = 07h04m08s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'58, Lahiri = -17°48'58 Julian Calendar 1 Apr. 1004 BCE == Greg. Calendar 22 March 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

MAY 1004 BCE (-1003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 56 58	0♉ 0'32	19♐30	28°R21	29♓10	23♋ 4	15♒19	1♉22	4♈27	1°R 3	2♎ 0	0♐31	1♐53	26♋43	n.a.	F 1
S 2	14 0 55	0°57'44	3♑38	27♈48	29°16	23°33	15°27	1°30	4°30	1♏ 1	2° 0	0°33	1°50	26°50	n.a.	S 2
S 3	14 4 51	1°54'56	17°50	27°17	29°24	24° 2	15°35	1°38	4°33	1° 0	2° 1	0°34	1°47	26°57	n.a.	S 3
M 4	14 8 48	2°52'07	2♒ 3	26°47	29°34	24°32	15°43	1°46	4°36	0°59	2° 1	0°R35	1°44	27° 4	n.a.	M 4
T 5	14 12 44	3°49'18	16°16	26°19	29°46	25° 2	15°50	1°54	4°39	0°57	2° 1	0°34	1°41	27°10	n.a.	T 5
W 6	14 16 41	4°46'28	0♓24	25°54	0♈ 0	25°31	15°58	2° 1	4°42	0°56	2° 2	0°32	1°37	27°17	n.a.	W 6
T 7	14 20 37	5°43'38	14°27	25°32	0°16	26° 2	16° 5	2° 9	4°45	0°55	2° 2	0°30	1°34	27°24	n.a.	T 7
F 8	14 24 34	6°40'48	28°21	25°14	0°34	26°32	16°13	2°17	4°49	0°54	2° 3	0°26	1°31	27°30	n.a.	F 8
S 9	14 28 30	7°37'57	12♈ 4	24°59	0°54	27° 2	16°20	2°25	4°52	0°52	2° 3	0°23	1°28	27°37	n.a.	S 9
S 10	14 32 27	8°35'06	25°34	24°48	1°16	27°33	16°27	2°33	4°55	0°51	2° 4	0°20	1°25	27°44	n.a.	S 10
M11	14 36 24	9°32'14	8♉47	24°42	1°39	28° 4	16°33	2°41	4°58	0°50	2° 4	0°18	1°21	27°50	n.a.	M11
T 12	14 40 20	10°29'23	21°44	24°D40	2° 5	28°35	16°40	2°49	5° 1	0°49	2° 5	0°17	1°18	27°57	n.a.	T 12
W13	14 44 17	11°26'30	4♊25	24°43	2°31	29° 6	16°47	2°57	5° 3	0°48	2° 5	0°D17	1°15	28° 4	n.a.	W13
T 14	14 48 13	12°23'38	16°49	24°50	2°59	29°38	16°53	3° 5	5° 6	0°47	2° 6	0°17	1°12	28°11	n.a.	T 14
F 15	14 52 10	13°20'45	29° 1	25° 2	3°29	0♌ 9	16°59	3°12	5° 9	0°45	2° 7	0°19	1° 9	28°17	n.a.	F 15
S 16	14 56 6	14°17'51	11♋ 2	25°18	4° 0	0°41	17° 5	3°20	5°12	0°44	2° 7	0°20	1° 6	28°24	n.a.	S 16
S 17	15 0 3	15°14'57	22°56	25°40	4°32	1°13	17°11	3°28	5°15	0°43	2° 8	0°21	1° 2	28°31	n.a.	S 17
M18	15 3 59	16°12'02	4♌48	26° 5	5° 6	1°45	17°17	3°36	5°18	0°42	2° 9	0°22	0°59	28°37	n.a.	M18
T 19	15 7 56	17° 9'07	16°42	26°36	5°41	2°17	17°23	3°44	5°21	0°41	2°10	0°R23	0°56	28°44	n.a.	T 19
W20	15 11 53	18° 6'11	28°43	27°11	6°17	2°50	17°28	3°51	5°23	0°40	2°10	0°22	0°53	28°51	n.a.	W20
T 21	15 15 49	19° 3'15	10♍55	27°50	6°55	3°22	17°33	3°59	5°26	0°39	2°11	0°21	0°50	28°57	n.a.	T 21
F 22	15 19 46	20° 0'19	23°22	28°34	7°33	3°55	17°38	4° 7	5°29	0°38	2°12	0°20	0°47	29° 4	n.a.	F 22
S 23	15 23 42	20°57'22	6♎ 8	29°23	8°13	4°28	17°43	4°15	5°31	0°38	2°13	0°19	0°43	29°11	n.a.	S 23
S 24	15 27 39	21°54'25	19°14	0♉15	8°54	5° 1	17°48	4°22	5°34	0°37	2°14	0°18	0°40	29°18	n.a.	S 24
M25	15 31 35	22°51'28	2♏43	1°12	9°35	5°34	17°52	4°30	5°37	0°36	2°15	0°17	0°37	29°24	n.a.	M25
T 26	15 35 32	23°48'31	16°31	2°13	10°18	6° 7	17°57	4°38	5°39	0°35	2°16	0°17	0°34	29°31	n.a.	T 26
W27	15 39 28	24°45'35	0♐38	3°19	11° 2	6°40	18° 1	4°45	5°42	0°34	2°17	0°D17	0°31	29°38	n.a.	W27
T 28	15 43 25	25°42'38	14°59	4°28	11°46	7°14	18° 5	4°53	5°44	0°33	2°18	0°17	0°27	29°44	n.a.	T 28
F 29	15 47 22	26°39'41	29°30	5°41	12°31	7°48	18° 9	5° 0	5°47	0°33	2°19	0°17	0°24	29°51	n.a.	F 29
S 30	15 51 18	27°36'45	14♑ 3	6°59	13°18	8°21	18°13	5° 8	5°49	0°32	2°20	0°17	0°21	29°58	n.a.	S 30
S 31	15 55 15	28♉33'50	28♑35	8♉20	14♈ 5	8♌55	18♒16	5♉15	5♈51	0♏31	2♌21	0♐17	0♐18	0♌ 4	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	11n39	21s42	1n42	9n15	1s56	0n12	0n36	23n34	1n47	17s36	1s 9	10n20	1s55	1n13	0s37	1n29	2n 5	33n43	14n 6	20s35	20s52	17n 0		n.a.
S 2	11 59	20 54	2 52	8 49	2 11	0 4	0 24	23 28	1 46	17 33	1 9	10 23	1 55	1 15	0 37	1 30	2 5	33 42	14 6	20 35	20 51	16 59		n.a.
S 3	12 19	18 48	3 51	8 24	2 26	0s 3	0 13	23 21	1 45	17 31	1 9	10 26	1 55	1 16	0 37	1 30	2 5	33 42	14 5	20 35	20 50	16 57		n.a.
M 4	12 39	15 32	4 36	8 1	2 39	0 9	0 2	23 15	1 43	17 29	1 10	10 28	1 55	1 17	0 37	1 31	2 5	33 41	14 5	20 35	20 50	16 55		n.a.
T 5	12 59	11 23	5 4	7 39	2 52	0 13	0s 8	23 8	1 42	17 27	1 10	10 31	1 55	1 18	0 37	1 31	2 5	33 41	14 5	20 35	20 49	16 53		n.a.
W 6	13 19	6 37	5 14	7 19	3 3	0 17	0 18	23 1	1 41	17 25	1 10	10 34	1 55	1 20	0 37	1 32	2 5	33 41	14 4	20 35	20 49	16 52		n.a.
T 7	13 38	1 32	5 5	7 1	3 14	0 19	0 28	22 54	1 39	17 23	1 11	10 37	1 55	1 21	0 37	1 32	2 5	33 40	14 4	20 34	20 48	16 50		n.a.
F 8	13 57	3n34	4 37	6 46	3 23	0 20	0 38	22 47	1 38	17 21	1 11	10 40	1 55	1 22	0 37	1 33	2 5	33 40	14 4	20 34	20 47	16 48		n.a.
S 9	14 16	8 26	3 55	6 33	3 31	0 21	0 47	22 40	1 37	17 19	1 11	10 42	1 55	1 23	0 37	1 33	2 5	33 39	14 3	20 33	20 47	16 46		n.a.
S 10	14 35	12 49	3 0	6 23	3 38	0 20	0 55	22 32	1 36	17 17	1 11	10 45	1 55	1 25	0 37	1 34	2 5	33 39	14 3	20 32	20 46	16 44		n.a.
M11	14 54	16 28	1 56	6 15	3 43	0 18	1 4	22 25	1 35	17 15	1 12	10 48	1 55	1 26	0 37	1 34	2 5	33 38	14 3	20 32	20 45	16 43		n.a.
T 12	15 12	19 14	0 47	6 11	3 48	0 16	1 12	22 17	1 33	17 14	1 12	10 51	1 55	1 27	0 37	1 35	2 5	33 38	14 2	20 32	20 45	16 41		n.a.
W13	15 30	20 59	0s23	6 9	3 51	0 12	1 20	22 9	1 32	17 12	1 12	10 53	1 55	1 28	0 37	1 35	2 5	33 37	14 2	20 32	20 44	16 39		n.a.
T 14	15 48	21 39	1 30	6 10	3 53	0 8	1 27	22 2	1 31	17 10	1 13	10 56	1 55	1 29	0 37	1 35	2 5	33 37	14 1	20 32	20 43	16 37		n.a.
F 15	16 5	21 16	2 32	6 13	3 54	0 2	1 34	21 54	1 30	17 9	1 13	10 59	1 55	1 30	0 38	1 36	2 5	33 36	14 1	20 32	20 43	16 35		n.a.
S 16	16 23	19 55	3 27	6 19	3 53	0n 4	1 41	21 45	1 28	17 7	1 13	11 2	1 55	1 32	0 38	1 36	2 5	33 36	14 1	20 32	20 42	16 34		n.a.
S 17	16 40	17 42	4 12	6 28	3 52	0 11	1 48	21 37	1 27	17 6	1 14	11 4	1 55	1 33	0 38	1 37	2 5	33 35	14 0	20 33	20 41	16 32		n.a.
M18	16 57	14 45	4 46	6 40	3 50	0 19	1 54	21 29	1 26	17 4	1 14	11 7	1 55	1 34	0 38	1 37	2 5	33 35	14 0	20 33	20 41	16 30		n.a.
T 19	17 13	11 11	5 8	6 54	3 46	0 28	2 0	21 20	1 25	17 3	1 14	11 10	1 55	1 35	0 38	1 37	2 5	33 34	14 0	20 33	20 40	16 28		n.a.
W20	17 29	7 10	5 16	7 11	3 42	0 37	2 6	21 11	1 24	17 1	1 15	11 12	1 55	1 36	0 38	1 38	2 5	33 33	13 59	20 33	20 39	16 26		n.a.
T 21	17 45	2 48	5 11	7 30	3 37	0 47	2 11	21 3	1 23	17 0	1 15	11 15	1 55	1 37	0 38	1 38	2 4	33 33	13 59	20 33	20 39	16 25		n.a.
F 22	18 1	1s46	4 51	7 51	3 31	0 58	2 16	20 54	1 21	16 59	1 15	11 18	1 55	1 38	0 38	1 38	2 4	33 32	13 59	20 32	20 38	16 23		n.a.
S 23	18 17	6 23	4 17	8 15	3 24	1 9	2 21	20 45	1 20	16 57	1 16	11 20	1 55	1 39	0 38	1 39	2 4	33 32	13 58	20 32	20 37	16 21		n.a.
S 24	18 32	10 51	3 28	8 40	3 17	1 21	2 26	20 35	1 19	16 56	1 16	11 23	1 55	1 40	0 38	1 39	2 4	33 31	13 58	20 32	20 37	16 19		n.a.
M25	18 46	14 54	2 27	9 8	3 9	1 34	2 30	20 26	1 18	16 55	1 16	11 25	1 55	1 41	0 38	1 39	2 4	33 31	13 58	20 32	20 36	16 17		n.a.
T 26	19 1	18 14	1 16	9 37	3 0	1 47	2 34	20 17	1 17	16 54	1 16	11 28	1 55	1 42	0 38	1 40	2 4	33 30	13 57	20 32	20 35	16 15		n.a.
W27	19 15	20 34	0n 2	10 8	2 51	2 0	2 38	20 7	1 16	16 53	1 17	11 31	1 55	1 43	0 38	1 40	2 4	33 29	13 57	20 32	20 35	16 14		n.a.
T 28	19 29	21 37	1 21	10 41	2 41	2 15	2 42	19 57	1 15	16 52	1 17	11 33	1 55	1 44	0 38	1 40	2 4	33 29	13 57	20 32	20 34	16 12		n.a.
F 29	19 43	21 14	2 35	11 16	2 31	2 29	2 45	19 47	1 14	16 51	1 17	11 36	1 55	1 45	0 38	1 40	2 4	33 28	13 56	20 32	20 33	16 10		n.a.
S 30	19 56	19 25	3 40	11 51	2 20	2 45	2 49	19 37	1 13	16 50	1 18	11 38	1 55	1 46	0 38	1 41	2 4	33 28	13 56	20 32	20 33	16 8		n.a.
S 31	20n 9	16s22	4n30	12n29	2s 9	3n 0	2s52	19n27	1n11	16s50	1s18	11n41	1s55	1n47	0s38	1n41	2n 4	33n27	13n56	20s32	20s32	16n 6		n.a.

Julian Day Number = 1354832.5, Delta T = 07h04m07s
Ecliptic obliquity = 23°48'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'54, Lahiri = -17°48'54 Julian Calendar 1 May 1004 BCE == Greg. Calendar 21 Apr. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

JUNE 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	15 59 11	29♉30'54	13♒ 0	9♉45	14♈53	9♌29	18♒20	5♉23	5♈54	0°R31	2♌22	0♐18	0♐15	0♌11	n.a.	M 1
T 2	16 3 8	0♊28'00	27°14	11°14	15°41	10° 4	18°23	5°30	5°56	0♎30	2°24	0°18	0°12	0°18	n.a.	T 2
W 3	16 7 4	1°25'06	11♓17	12°47	16°31	10°38	18°26	5°38	5°58	0°29	2°25	0°18	0° 8	0°25	n.a.	W 3
T 4	16 11 1	2°22'12	25° 5	14°24	17°21	11°12	18°28	5°45	6° 1	0°29	2°26	0°18	0° 5	0°31	n.a.	T 4
F 5	16 14 58	3°19'19	8♈38	16° 4	18°11	11°47	18°31	5°52	6° 3	0°28	2°27	0°18	0° 2	0°38	n.a.	F 5
S 6	16 18 54	4°16'27	21°57	17°47	19° 3	12°22	18°33	6° 0	6° 5	0°28	2°29	0°18	29♏59	0°45	n.a.	S 6
S 7	16 22 51	5°13'36	5♉ 2	19°34	19°55	12°56	18°36	6° 7	6° 7	0°27	2°30	0°19	29°56	0°51	n.a.	S 7
M 8	16 26 47	6°10'45	17°53	21°23	20°47	13°31	18°38	6°14	6° 9	0°27	2°31	0°19	29°53	0°58	n.a.	M 8
T 9	16 30 44	7° 7'55	0♊30	23°16	21°40	14° 7	18°39	6°22	6°11	0°26	2°33	0°R19	29°49	1° 5	n.a.	T 9
W10	16 34 40	8° 5'06	12°56	25°12	22°34	14°42	18°41	6°29	6°13	0°26	2°34	0°19	29°46	1°12	n.a.	W10
T 11	16 38 37	9° 2'17	25°10	27°10	23°28	15°17	18°42	6°36	6°15	0°26	2°35	0°18	29°43	1°18	n.a.	T 11
F 12	16 42 33	9°59'28	7♋15	29°10	24°23	15°53	18°44	6°43	6°17	0°25	2°37	0°17	29°40	1°25	n.a.	F 12
S 13	16 46 30	10°56'40	19°13	1♊12	25°18	16°28	18°45	6°50	6°19	0°25	2°38	0°16	29°37	1°32	n.a.	S 13
S 14	16 50 27	11°53'53	1♌ 5	3°15	26°14	17° 4	18°46	6°57	6°21	0°25	2°40	0°14	29°33	1°38	n.a.	S 14
M15	16 54 23	12°51'06	12°56	5°20	27°10	17°40	18°46	7° 4	6°23	0°25	2°41	0°13	29°30	1°45	n.a.	M15
T 16	16 58 20	13°48'20	24°50	7°26	28° 7	18°16	18°47	7°11	6°25	0°24	2°43	0°12	29°27	1°52	n.a.	T 16
W17	17 2 16	14°45'34	6♍49	9°33	29° 4	18°52	18°47	7°18	6°26	0°24	2°44	0°11	29°24	1°59	n.a.	W17
T 18	17 6 13	15°42'49	18°59	11°40	0♉ 1	19°28	18°R47	7°24	6°28	0°24	2°46	0°D11	29°21	2° 5	n.a.	T 18
F 19	17 10 9	16°40'04	1♎24	13°47	0°59	20° 4	18°47	7°31	6°30	0°24	2°47	0°11	29°18	2°12	n.a.	F 19
S 20	17 14 6	17°37'20	14° 8	15°53	1°57	20°41	18°47	7°38	6°31	0°24	2°49	0°12	29°14	2°19	n.a.	S 20
S 21	17 18 3	18°34'36	27°15	18° 0	2°56	21°17	18°46	7°45	6°33	0°24	2°51	0°13	29°11	2°25	n.a.	S 21
M22	17 21 59	19°31'54	10♏47	20° 5	3°55	21°54	18°46	7°51	6°34	0°D24	2°52	0°15	29° 8	2°32	n.a.	M22
T 23	17 25 56	20°29'12	24°45	22°10	4°55	22°30	18°45	7°58	6°36	0°24	2°54	0°R15	29° 5	2°39	n.a.	T 23
W24	17 29 52	21°26'31	9♐ 6	24°14	5°55	23° 7	18°44	8° 4	6°37	0°24	2°56	0°15	29° 2	2°45	n.a.	W24
T 25	17 33 49	22°23'51	23°47	26°17	6°55	23°44	18°42	8°11	6°39	0°24	2°57	0°14	28°59	2°52	n.a.	T 25
F 26	17 37 45	23°21'12	8♑41	28°18	7°55	24°21	18°41	8°17	6°40	0°24	2°59	0°12	28°55	2°59	n.a.	F 26
S 27	17 41 42	24°18'34	23°40	0♋19	8°56	24°58	18°39	8°24	6°41	0°24	3° 1	0° 9	28°52	3° 6	n.a.	S 27
S 28	17 45 38	25°15'58	8♒35	2°17	9°57	25°36	18°37	8°30	6°43	0°24	3° 2	0° 6	28°49	3°12	n.a.	S 28
M29	17 49 35	26°13'23	23°19	4°15	10°59	26°13	18°35	8°36	6°44	0°25	3° 4	0° 3	28°46	3°19	n.a.	M29
T 30	17 53 32	27♊10'49	7♓46	6♋11	12♉ 1	26♌50	18♒33	8♉42	6♈45	0♎25	3♌ 6	0♐ 1	28♏43	3♌26	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	20n22	12s20	5n 3	13n 7	1s57	3n17	2s54	19n17	1n10	16s49	1s18	11n43	1s55	1n48	0s38	1n41	2n 4	33n27	13n55	20s32	20s31	16n 4		n.a.
T 2	20 34	7 40	5 17	13 46	1 45	3 33	2 57	19 7	1 9	16 48	1 19	11 46	1 55	1 49	0 38	1 41	2 4	33 26	13 55	20 32	20 31	16 3		n.a.
W 3	20 46	2 39	5 11	14 26	1 33	3 50	2 59	18 56	1 8	16 48	1 19	11 48	1 55	1 50	0 38	1 41	2 4	33 25	13 55	20 32	20 30	16 1		n.a.
T 4	20 58	2n25	4 48	15 7	1 21	4 7	3 1	18 45	1 7	16 47	1 19	11 51	1 55	1 51	0 38	1 42	2 4	33 25	13 54	20 32	20 29	15 59		n.a.
F 5	21 9	7 17	4 9	15 48	1 9	4 25	3 3	18 35	1 6	16 46	1 20	11 53	1 55	1 52	0 38	1 42	2 4	33 24	13 54	20 32	20 28	15 57		n.a.
S 6	21 20	11 43	3 17	16 30	0 57	4 43	3 5	18 24	1 5	16 46	1 20	11 55	1 55	1 52	0 38	1 42	2 4	33 24	13 54	20 32	20 28	15 55		n.a.
S 7	21 30	15 32	2 16	17 11	0 44	5 2	3 7	18 13	1 4	16 46	1 20	11 58	1 55	1 53	0 38	1 42	2 4	33 23	13 53	20 32	20 27	15 53		n.a.
M 8	21 41	18 31	1 8	17 52	0 32	5 20	3 8	18 2	1 3	16 45	1 21	12 0	1 55	1 54	0 38	1 42	2 3	33 22	13 53	20 32	20 26	15 51		n.a.
T 9	21 50	20 34	0s 1	18 33	0 20	5 39	3 9	17 50	1 2	16 45	1 21	12 3	1 55	1 55	0 38	1 42	2 3	33 22	13 53	20 32	20 26	15 50		n.a.
W10	22 0	21 33	1 9	19 14	0 8	5 58	3 10	17 39	1 1	16 45	1 21	12 5	1 55	1 56	0 38	1 42	2 3	33 21	13 53	20 32	20 25	15 48		n.a.
T 11	22 9	21 30	2 13	19 53	0n 3	6 18	3 11	17 27	1 0	16 45	1 22	12 7	1 55	1 57	0 38	1 42	2 3	33 20	13 52	20 32	20 24	15 46		n.a.
F 12	22 18	20 26	3 11	20 31	0 15	6 37	3 12	17 15	0 59	16 45	1 22	12 9	1 55	1 57	0 38	1 42	2 3	33 20	13 52	20 32	20 24	15 44		n.a.
S 13	22 26	18 28	3 59	21 8	0 25	6 57	3 13	17 4	0 58	16 45	1 22	12 12	1 55	1 58	0 38	1 43	2 3	33 19	13 52	20 31	20 23	15 42		n.a.
S 14	22 34	15 44	4 36	21 43	0 36	7 17	3 13	16 52	0 57	16 45	1 23	12 14	1 55	1 59	0 38	1 43	2 3	33 19	13 51	20 31	20 22	15 40		n.a.
M15	22 42	12 22	5 2	22 16	0 45	7 37	3 13	16 40	0 56	16 45	1 23	12 16	1 55	1 59	0 38	1 43	2 3	33 18	13 51	20 31	20 22	15 38		n.a.
T 16	22 49	8 31	5 15	22 47	0 54	7 58	3 13	16 27	0 55	16 45	1 24	12 18	1 55	2 0	0 38	1 43	2 3	33 17	13 51	20 30	20 21	15 36		n.a.
W17	22 56	4 18	5 14	23 16	1 3	8 18	3 13	16 15	0 54	16 45	1 24	12 21	1 55	2 1	0 38	1 43	2 3	33 17	13 51	20 30	20 20	15 35		n.a.
T 18	23 2	0s 9	4 59	23 42	1 11	8 39	3 13	16 3	0 53	16 46	1 24	12 23	1 56	2 1	0 38	1 43	2 3	33 16	13 50	20 30	20 19	15 33		n.a.
F 19	23 8	4 41	4 30	24 6	1 18	8 59	3 13	15 50	0 52	16 46	1 25	12 25	1 56	2 2	0 38	1 43	2 3	33 15	13 50	20 30	20 19	15 31		n.a.
S 20	23 14	9 9	3 48	24 27	1 24	9 20	3 12	15 37	0 51	16 46	1 25	12 27	1 56	2 3	0 38	1 43	2 3	33 15	13 50	20 31	20 18	15 29		n.a.
S 21	23 19	13 19	2 52	24 45	1 30	9 41	3 12	15 24	0 50	16 47	1 25	12 29	1 56	2 3	0 38	1 43	2 3	33 14	13 50	20 31	20 17	15 27		n.a.
M22	23 24	16 57	1 45	25 1	1 35	10 2	3 11	15 12	0 49	16 47	1 26	12 31	1 56	2 4	0 38	1 43	2 3	33 13	13 50	20 31	20 17	15 25		n.a.
T 23	23 28	19 44	0 30	25 14	1 39	10 23	3 10	14 58	0 48	16 48	1 26	12 33	1 56	2 4	0 38	1 42	2 2	33 13	13 49	20 31	20 16	15 23		n.a.
W24	23 32	21 22	0n49	25 24	1 43	10 44	3 9	14 45	0 47	16 49	1 26	12 35	1 56	2 5	0 38	1 42	2 2	33 12	13 49	20 31	20 15	15 21		n.a.
T 25	23 35	21 34	2 6	25 31	1 45	11 5	3 8	14 32	0 46	16 49	1 27	12 37	1 56	2 6	0 38	1 42	2 2	33 12	13 49	20 31	20 15	15 19		n.a.
F 26	23 39	20 16	3 16	25 36	1 47	11 26	3 7	14 19	0 45	16 50	1 27	12 39	1 56	2 6	0 38	1 42	2 2	33 11	13 49	20 31	20 14	15 18		n.a.
S 27	23 41	17 33	4 13	25 38	1 49	11 47	3 5	14 5	0 44	16 51	1 27	12 41	1 56	2 7	0 38	1 42	2 2	33 10	13 48	20 30	20 13	15 16		n.a.
S 28	23 44	13 42	4 52	25 37	1 50	12 7	3 4	13 51	0 43	16 52	1 28	12 43	1 56	2 7	0 38	1 42	2 2	33 10	13 48	20 29	20 12	15 14		n.a.
M29	23 46	9 3	5 12	25 34	1 50	12 28	3 2	13 38	0 42	16 53	1 28	12 45	1 56	2 8	0 38	1 42	2 2	33 9	13 48	20 29	20 12	15 12		n.a.
T 30	23n47	3s59	5n11	25n29	1n49	12n49	3s 1	13n24	0n41	16s54	1s28	12n47	1s56	2n 8	0s38	1n42	2n 2	33n 8	13n48	20s28	20s11	15n10		n.a.

Julian Day Number = 1354863.5, Delta T = 07h04m05s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'50, Lahiri = -17°48'50 Julian Calendar 1 June 1004 BCE == Greg. Calendar 22 May 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

JULY 1004 BCE (-1003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 57 28	28♊ 8'17	21♓51	8♋ 5	13♉ 3	27♌28	18°R30	8♉48	6♈46	0♎25	3♌ 8	29°R59	28♏39	3♌32	n.a.	W 1
T 2	18 1 25	29° 5'46	5♈35	9°58	14° 5	28° 5	18♒28	8°54	6°47	0°25	3°10	29°D59	28°36	3°39	n.a.	T 2
F 3	18 5 21	0♋ 3'17	18°57	11°50	15° 8	28°43	18°25	9° 0	6°48	0°26	3°12	0♐ 0	28°33	3°46	n.a.	F 3
S 4	18 9 18	1° 0'49	2♉ 1	13°39	16°11	29°21	18°22	9° 6	6°49	0°26	3°13	0° 2	28°30	3°53	n.a.	S 4
S 5	18 13 14	1°58'23	14°47	15°28	17°14	29°59	18°19	9°12	6°50	0°27	3°15	0° 3	28°27	3°59	n.a.	S 5
M 6	18 17 11	2°55'59	27°19	17°15	18°18	0♍37	18°15	9°18	6°51	0°27	3°17	0°R 4	28°24	4° 6	n.a.	M 6
T 7	18 21 7	3°53'36	9♊40	19° 0	19°21	1°15	18°12	9°24	6°52	0°27	3°19	0° 4	28°20	4°13	n.a.	T 7
W 8	18 25 4	4°51'15	21°51	20°44	20°25	1°54	18° 8	9°29	6°52	0°28	3°21	0° 2	28°17	4°19	n.a.	W 8
T 9	18 29 1	5°48'55	3♋55	22°26	21°30	2°32	18° 4	9°35	6°53	0°28	3°23	29♏58	28°14	4°26	n.a.	T 9
F 10	18 32 57	6°46'37	15°52	24° 7	22°34	3°10	18° 0	9°40	6°54	0°29	3°25	29°53	28°11	4°33	n.a.	F 10
S 11	18 36 54	7°44'20	27°46	25°47	23°39	3°49	17°56	9°46	6°54	0°30	3°27	29°46	28° 8	4°40	n.a.	S 11
S 12	18 40 50	8°42'05	9♌37	27°25	24°44	4°28	17°51	9°51	6°55	0°30	3°29	29°39	28° 5	4°46	n.a.	S 12
M13	18 44 47	9°39'51	21°28	29° 2	25°49	5° 6	17°47	9°56	6°56	0°31	3°31	29°32	28° 1	4°53	n.a.	M13
T 14	18 48 43	10°37'38	3♍21	0♌37	26°54	5°45	17°42	10° 2	6°56	0°32	3°33	29°26	27°58	5° 0	n.a.	T 14
W15	18 52 40	11°35'27	15°20	2°11	28° 0	6°24	17°37	10° 7	6°56	0°32	3°35	29°21	27°55	5° 6	n.a.	W15
T 16	18 56 36	12°33'17	27°28	3°43	29° 5	7° 3	17°32	10°12	6°57	0°33	3°37	29°18	27°52	5°13	n.a.	T 16
F 17	19 0 33	13°31'08	9♎50	5°14	0♊11	7°42	17°26	10°17	6°57	0°34	3°39	29°D16	27°49	5°20	n.a.	F 17
S 18	19 4 30	14°29'01	22°29	6°43	1°17	8°21	17°21	10°22	6°57	0°35	3°41	29°17	27°45	5°27	n.a.	S 18
S 19	19 8 26	15°26'55	5♏30	8°11	2°24	9° 1	17°15	10°26	6°58	0°36	3°43	29°18	27°42	5°33	n.a.	S 19
M20	19 12 23	16°24'51	18°57	9°38	3°30	9°40	17°10	10°31	6°58	0°36	3°45	29°19	27°39	5°40	n.a.	M20
T 21	19 16 19	17°22'48	2♐53	11° 3	4°37	10°20	17° 4	10°36	6°58	0°37	3°47	29°R19	27°36	5°47	n.a.	T 21
W22	19 20 16	18°20'47	17°16	12°26	5°44	10°59	16°58	10°40	6°58	0°38	3°49	29°18	27°33	5°53	n.a.	W22
T 23	19 24 12	19°18'48	2♑ 3	13°48	6°51	11°39	16°51	10°45	6°R58	0°39	3°51	29°14	27°30	6° 0	n.a.	T 23
F 24	19 28 9	20°16'50	17°10	15° 8	7°58	12°19	16°45	10°49	6°58	0°40	3°53	29° 9	27°26	6° 7	n.a.	F 24
S 25	19 32 5	21°14'54	2♒26	16°27	9° 6	12°59	16°39	10°54	6°58	0°41	3°55	29° 2	27°23	6°14	n.a.	S 25
S 26	19 36 2	22°12'59	17°41	17°44	10°13	13°38	16°32	10°58	6°58	0°42	3°57	28°54	27°20	6°20	n.a.	S 26
M27	19 39 59	23°11'07	2♓43	18°59	11°21	14°18	16°26	11° 2	6°58	0°43	4° 0	28°46	27°17	6°27	n.a.	M27
T 28	19 43 55	24° 9'17	17°25	20°13	12°29	14°59	16°19	11° 6	6°57	0°45	4° 2	28°40	27°14	6°34	n.a.	T 28
W29	19 47 52	25° 7'28	1♈41	21°25	13°37	15°39	16°12	11°10	6°57	0°46	4° 4	28°35	27°10	6°40	n.a.	W29
T 30	19 51 48	26° 5'42	15°30	22°34	14°45	16°19	16° 5	11°14	6°57	0°47	4° 6	28°33	27° 7	6°47	n.a.	T 30
F 31	19 55 45	27♋ 3'59	28♈51	23♌42	15♊54	16♍59	15♒58	11♉18	6♈56	0♎48	4♌ 8	28°D33	27♏ 4	6♌54	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
W 1	23n48	1n10	4n51	25n22	1n48	13n10	2s59	13n10	0n40	16s55	1s29	12n49	1s57	2n 8	0s39	1n41	2n 2	33n 8	13n48	20s28	20s10	15n 8			n.a.
T 2	23 49	6 9	4 15	25 12	1 47	13 30	2 57	12 56	0 39	16 56	1 29	12 51	1 57	2 9	0 39	1 41	2 2	33 7	13 48	20 28	20 10	15 6			n.a.
F 3	23 49	10 42	3 26	25 1	1 45	13 51	2 55	12 42	0 38	16 57	1 29	12 53	1 57	2 9	0 39	1 41	2 2	33 6	13 47	20 28	20 9	15 4			n.a.
S 4	23 49	14 40	2 28	24 47	1 42	14 11	2 53	12 27	0 37	16 59	1 29	12 55	1 57	2 10	0 39	1 41	2 2	33 6	13 47	20 28	20 8	15 2			n.a.
S 5	23 48	17 50	1 23	24 32	1 39	14 31	2 51	12 13	0 36	17 0	1 30	12 56	1 57	2 10	0 39	1 41	2 2	33 5	13 47	20 29	20 7	15 0			n.a.
M 6	23 47	20 7	0 15	24 15	1 35	14 51	2 48	11 58	0 35	17 1	1 30	12 58	1 57	2 10	0 39	1 40	2 2	33 5	13 47	20 29	20 7	14 58			n.a.
T 7	23 45	21 23	0s52	23 57	1 31	15 11	2 46	11 44	0 34	17 3	1 30	13 0	1 57	2 10	0 39	1 40	2 2	33 4	13 47	20 29	20 6	14 57			n.a.
W 8	23 43	21 38	1 56	23 37	1 27	15 30	2 44	11 29	0 33	17 4	1 31	13 2	1 57	2 11	0 39	1 40	2 1	33 3	13 47	20 28	20 5	14 55			n.a.
T 9	23 41	20 52	2 54	23 16	1 22	15 50	2 41	11 14	0 32	17 6	1 31	13 3	1 57	2 11	0 39	1 40	2 1	33 3	13 46	20 28	20 5	14 53			n.a.
F 10	23 38	19 9	3 43	22 53	1 17	16 9	2 39	10 59	0 31	17 7	1 31	13 5	1 57	2 11	0 39	1 39	2 1	33 2	13 46	20 26	20 4	14 51			n.a.
S 11	23 35	16 38	4 23	22 29	1 11	16 28	2 36	10 44	0 30	17 9	1 32	13 7	1 58	2 11	0 39	1 39	2 1	33 1	13 46	20 25	20 3	14 49			n.a.
S 12	23 31	13 27	4 51	22 4	1 6	16 46	2 33	10 29	0 29	17 11	1 32	13 8	1 58	2 12	0 39	1 39	2 1	33 1	13 46	20 23	20 2	14 47			n.a.
M13	23 27	9 44	5 6	21 39	0 59	17 5	2 31	10 14	0 29	17 12	1 32	13 10	1 58	2 12	0 39	1 38	2 1	33 0	13 46	20 22	20 2	14 45			n.a.
T 14	23 23	5 39	5 9	21 12	0 53	17 23	2 28	9 58	0 28	17 14	1 33	13 11	1 58	2 12	0 39	1 38	2 1	33 0	13 46	20 21	20 1	14 43			n.a.
W15	23 18	1 18	4 57	20 44	0 46	17 40	2 25	9 43	0 27	17 16	1 33	13 13	1 58	2 12	0 39	1 38	2 1	32 59	13 46	20 19	20 0	14 41			n.a.
T 16	23 13	3s 8	4 33	20 15	0 39	17 58	2 22	9 27	0 26	17 18	1 33	13 14	1 58	2 12	0 39	1 37	2 1	32 58	13 46	20 19	20 0	14 39			n.a.
F 17	23 7	7 33	3 55	19 46	0 32	18 15	2 19	9 12	0 25	17 20	1 33	13 16	1 58	2 12	0 39	1 37	2 1	32 58	13 46	20 18	19 59	14 37			n.a.
S 18	23 1	11 45	3 6	19 17	0 24	18 32	2 16	8 56	0 24	17 22	1 34	13 17	1 58	2 12	0 39	1 37	2 1	32 57	13 46	20 19	19 58	14 35			n.a.
S 19	22 54	15 31	2 5	18 46	0 17	18 48	2 12	8 40	0 23	17 24	1 34	13 19	1 59	2 13	0 39	1 36	2 1	32 57	13 45	20 19	19 57	14 33			n.a.
M20	22 47	18 37	0 56	18 15	0 9	19 4	2 9	8 24	0 22	17 26	1 34	13 20	1 59	2 13	0 39	1 36	2 1	32 56	13 45	20 19	19 57	14 31			n.a.
T 21	22 40	20 45	0n19	17 44	0 0	19 20	2 6	8 8	0 21	17 28	1 34	13 21	1 59	2 13	0 39	1 35	2 1	32 55	13 45	20 19	19 56	14 29			n.a.
W22	22 32	21 37	1 35	17 13	0s 8	19 35	2 3	7 52	0 20	17 30	1 35	13 23	1 59	2 13	0 39	1 35	2 1	32 55	13 45	20 19	19 55	14 27			n.a.
T 23	22 24	21 1	2 47	16 41	0 16	19 50	1 59	7 36	0 20	17 32	1 35	13 24	1 59	2 13	0 39	1 34	2 1	32 54	13 45	20 18	19 54	14 25			n.a.
F 24	22 15	18 55	3 48	16 9	0 25	20 4	1 56	7 20	0 19	17 34	1 35	13 25	1 59	2 13	0 39	1 34	2 0	32 54	13 45	20 17	19 54	14 24			n.a.
S 25	22 6	15 29	4 34	15 37	0 34	20 18	1 53	7 4	0 18	17 36	1 35	13 26	1 59	2 13	0 39	1 33	2 0	32 53	13 45	20 15	19 53	14 22			n.a.
S 26	21 57	11 1	5 0	15 5	0 43	20 32	1 49	6 47	0 17	17 39	1 36	13 27	2 0	2 12	0 39	1 33	2 0	32 52	13 45	20 14	19 52	14 20			n.a.
M27	21 47	5 55	5 5	14 33	0 52	20 45	1 46	6 31	0 16	17 41	1 36	13 29	2 0	2 12	0 39	1 33	2 0	32 52	13 45	20 12	19 51	14 18			n.a.
T 28	21 37	0 36	4 50	14 1	1 1	20 58	1 42	6 14	0 15	17 43	1 36	13 30	2 0	2 12	0 39	1 32	2 0	32 51	13 45	20 10	19 51	14 16			n.a.
W29	21 27	4n36	4 17	13 29	1 10	21 10	1 39	5 58	0 14	17 45	1 36	13 31	2 0	2 12	0 39	1 32	2 0	32 51	13 45	20 9	19 50	14 14			n.a.
T 30	21 16	9 24	3 29	12 57	1 19	21 21	1 35	5 41	0 13	17 48	1 36	13 32	2 0	2 12	0 39	1 31	2 0	32 50	13 45	20 9	19 49	14 12			n.a.
F 31	21n 4	13n36	2n32	12n26	1s29	21n32	1s31	5n24	0n13	17s50	1s37	13n33	2s 0	2n12	0s39	1n30	2n 0	32n50	13n45	20s 9	19s49	14n10			n.a.

Julian Day Number = 1354893.5, Delta T = 07h04m03s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'46, Lahiri = -17°48'45 Julian Calendar 1 July 1004 BCE == Greg. Calendar 21 June 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

AUGUST 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 59 41	28♋ 2'17	11♉48	24♌47	17♊ 2	17♍40	15°R50	11♉21	6°R56	0♎49	4♌10	28♏33	27♏ 1	7♌ 1	n.a.	S 1
S 2	20 3 38	29° 0'38	24°26	25°51	18°11	18°20	15♒43	11°25	6♈55	0°51	4°12	28°R34	26°58	7° 7	n.a.	S 2
M 3	20 7 34	29°59'01	6♊47	26°51	19°20	19° 1	15°36	11°28	6°55	0°52	4°14	28°34	26°55	7°14	n.a.	M 3
T 4	20 11 31	0♌57'26	18°56	27°50	20°29	19°42	15°28	11°32	6°54	0°53	4°17	28°31	26°51	7°21	n.a.	T 4
W 5	20 15 28	1°55'54	0♋57	28°45	21°38	20°23	15°21	11°35	6°54	0°54	4°19	28°27	26°48	7°27	n.a.	W 5
T 6	20 19 24	2°54'23	12°53	29°38	22°47	21° 3	15°13	11°38	6°53	0°56	4°21	28°20	26°45	7°34	n.a.	T 6
F 7	20 23 21	3°52'55	24°45	0♍27	23°57	21°44	15° 5	11°41	6°52	0°57	4°23	28°10	26°42	7°41	n.a.	F 7
S 8	20 27 17	4°51'29	6♌36	1°13	25° 6	22°26	14°58	11°44	6°52	0°59	4°25	27°58	26°39	7°48	n.a.	S 8
S 9	20 31 14	5°50'05	18°28	1°56	26°16	23° 7	14°50	11°47	6°51	1° 0	4°27	27°45	26°36	7°54	n.a.	S 9
M10	20 35 10	6°48'42	0♍21	2°35	27°26	23°48	14°42	11°50	6°50	1° 2	4°29	27°32	26°32	8° 1	n.a.	M10
T 11	20 39 7	7°47'22	12°18	3° 9	28°36	24°29	14°34	11°53	6°49	1° 3	4°31	27°20	26°29	8° 8	n.a.	T 11
W12	20 43 3	8°46'04	24°20	3°39	29°46	25°11	14°26	11°55	6°48	1° 5	4°34	27°11	26°26	8°14	n.a.	W12
T 13	20 47 0	9°44'47	6♎31	4° 4	0♋56	25°52	14°18	11°58	6°47	1° 6	4°36	27° 4	26°23	8°21	n.a.	T 13
F 14	20 50 56	10°43'33	18°52	4°25	2° 7	26°34	14°10	12° 0	6°46	1° 8	4°38	26°59	26°20	8°28	n.a.	F 14
S 15	20 54 53	11°42'20	1♏29	4°39	3°17	27°15	14° 2	12° 2	6°45	1° 9	4°40	26°57	26°16	8°35	n.a.	S 15
S 16	20 58 50	12°41'09	14°25	4°48	4°28	27°57	13°54	12° 4	6°44	1°11	4°42	26°D57	26°13	8°41	n.a.	S 16
M17	21 2 46	13°40'00	27°43	4°R50	5°38	28°39	13°46	12° 7	6°43	1°13	4°44	26°R57	26°10	8°48	n.a.	M17
T 18	21 6 43	14°38'53	11♐29	4°46	6°49	29°21	13°38	12° 8	6°41	1°14	4°46	26°56	26° 7	8°55	n.a.	T 18
W19	21 10 39	15°37'48	25°42	4°34	8° 0	0♎ 3	13°30	12°10	6°40	1°16	4°49	26°54	26° 4	9° 1	n.a.	W19
T 20	21 14 36	16°36'45	10♑22	4°16	9°11	0°45	13°22	12°12	6°39	1°18	4°51	26°49	26° 1	9° 8	n.a.	T 20
F 21	21 18 32	17°35'44	25°25	3°50	10°22	1°27	13°14	12°14	6°37	1°19	4°53	26°41	25°57	9°15	n.a.	F 21
S 22	21 22 29	18°34'45	10♒42	3°16	11°33	2° 9	13° 6	12°15	6°36	1°21	4°55	26°31	25°54	9°22	n.a.	S 22
S 23	21 26 25	19°33'47	26° 2	2°35	12°45	2°51	12°58	12°17	6°35	1°23	4°57	26°20	25°51	9°28	n.a.	S 23
M24	21 30 22	20°32'52	11♓14	1°47	13°56	3°34	12°50	12°18	6°33	1°25	4°59	26° 9	25°48	9°35	n.a.	M24
T 25	21 34 19	21°31'59	26° 7	0°53	15° 8	4°16	12°42	12°19	6°32	1°26	5° 1	26° 0	25°45	9°42	n.a.	T 25
W26	21 38 15	22°31'09	10♈34	29♌53	16°20	4°58	12°35	12°20	6°30	1°28	5° 3	25°53	25°42	9°49	n.a.	W26
T 27	21 42 12	23°30'21	24°31	28°48	17°31	5°41	12°27	12°21	6°28	1°30	5° 5	25°48	25°38	9°55	n.a.	T 27
F 28	21 46 8	24°29'36	7♉58	27°40	18°43	6°24	12°19	12°22	6°27	1°32	5° 7	25°46	25°35	10° 2	n.a.	F 28
S 29	21 50 5	25°28'53	20°58	26°30	19°55	7° 6	12°12	12°23	6°25	1°34	5° 9	25°46	25°32	10° 9	n.a.	S 29
S 30	21 54 1	26°28'12	3♊35	25°21	21° 7	7°49	12° 4	12°23	6°23	1°36	5°11	25°46	25°29	10°15	n.a.	S 30
M31	21 57 58	27♌27'34	15♊53	24♌13	22♋20	8♎32	11♒57	12♉24	6♈22	1♎38	5♌13	25♏45	25♏26	10♌22	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20n53	17n 1	1n28	11n55	1s38	21n43	1s28	5n 8	0n12	17s53	1s37	13n34	2s 0	2n12	0s39	1n30	2n 0	32n49	13n45	20s 9	19s48	14n 8		n.a.
S 2	20 41	19 32	0 22	11 25	1 47	21 53	1 24	4 51	0 11	17 55	1 37	13 35	2 1	2 11	0 39	1 29	2 0	32 49	13 45	20 9	19 47	14 6		n.a.
M 3	20 28	21 4	0s44	10 56	1 57	22 2	1 21	4 34	0 10	17 57	1 37	13 36	2 1	2 11	0 39	1 29	2 0	32 48	13 45	20 9	19 46	14 4		n.a.
T 4	20 15	21 35	1 47	10 27	2 6	22 11	1 17	4 17	0 9	18 0	1 37	13 37	2 1	2 11	0 39	1 28	2 0	32 48	13 45	20 9	19 46	14 2		n.a.
W 5	20 2	21 5	2 44	9 59	2 15	22 20	1 13	4 0	0 8	18 2	1 38	13 38	2 1	2 11	0 39	1 28	2 0	32 47	13 45	20 7	19 45	14 0		n.a.
T 6	19 49	19 39	3 33	9 32	2 24	22 27	1 10	3 43	0 7	18 5	1 38	13 38	2 1	2 10	0 39	1 27	2 0	32 46	13 45	20 6	19 44	13 58		n.a.
F 7	19 35	17 22	4 13	9 6	2 33	22 35	1 6	3 26	0 7	18 7	1 38	13 39	2 1	2 10	0 40	1 26	2 0	32 46	13 45	20 4	19 43	13 56		n.a.
S 8	19 21	14 23	4 41	8 41	2 42	22 41	1 2	3 8	0 6	18 10	1 38	13 40	2 1	2 10	0 40	1 26	2 0	32 45	13 45	20 1	19 43	13 54		n.a.
S 9	19 6	10 49	4 58	8 18	2 51	22 47	0 58	2 51	0 5	18 12	1 38	13 41	2 2	2 9	0 40	1 25	2 0	32 45	13 46	19 58	19 42	13 52		n.a.
M10	18 52	6 50	5 1	7 56	2 59	22 53	0 55	2 34	0 4	18 15	1 38	13 42	2 2	2 9	0 40	1 24	2 0	32 44	13 46	19 55	19 41	13 50		n.a.
T 11	18 36	2 34	4 51	7 36	3 7	22 57	0 51	2 16	0 3	18 17	1 38	13 42	2 2	2 9	0 40	1 24	1 59	32 44	13 46	19 52	19 40	13 48		n.a.
W12	18 21	1s49	4 29	7 18	3 15	23 1	0 47	1 59	0 3	18 19	1 39	13 43	2 2	2 8	0 40	1 23	1 59	32 43	13 46	19 50	19 40	13 46		n.a.
T 13	18 5	6 11	3 54	7 2	3 22	23 5	0 44	1 42	0 2	18 22	1 39	13 43	2 2	2 8	0 40	1 22	1 59	32 43	13 46	19 48	19 39	13 44		n.a.
F 14	17 49	10 23	3 7	6 49	3 29	23 8	0 40	1 24	0 1	18 24	1 39	13 44	2 2	2 7	0 40	1 22	1 59	32 43	13 46	19 47	19 38	13 42		n.a.
S 15	17 33	14 12	2 11	6 38	3 35	23 10	0 36	1 7	0 0	18 27	1 39	13 45	2 3	2 7	0 40	1 21	1 59	32 42	13 46	19 47	19 37	13 40		n.a.
S 16	17 16	17 28	1 6	6 29	3 40	23 11	0 33	0 49	0s 1	18 29	1 39	13 45	2 3	2 6	0 40	1 20	1 59	32 42	13 46	19 47	19 37	13 38		n.a.
M17	16 59	19 54	0n 4	6 24	3 45	23 12	0 29	0 31	0 2	18 32	1 39	13 46	2 3	2 6	0 40	1 20	1 59	32 41	13 46	19 47	19 36	13 36		n.a.
T 18	16 42	21 15	1 16	6 23	3 48	23 13	0 26	0 14	0 2	18 34	1 39	13 46	2 3	2 5	0 40	1 19	1 59	32 41	13 46	19 47	19 35	13 34		n.a.
W19	16 24	21 19	2 26	6 25	3 51	23 12	0 22	0s 4	0 3	18 37	1 39	13 46	2 3	2 5	0 40	1 18	1 59	32 40	13 47	19 46	19 34	13 32		n.a.
T 20	16 6	19 57	3 28	6 30	3 52	23 11	0 18	0 22	0 4	18 39	1 39	13 47	2 3	2 4	0 40	1 18	1 59	32 40	13 47	19 45	19 34	13 30		n.a.
F 21	15 48	17 10	4 17	6 40	3 52	23 9	0 15	0 39	0 5	18 41	1 39	13 47	2 4	2 4	0 40	1 17	1 59	32 40	13 47	19 43	19 33	13 28		n.a.
S 22	15 30	13 11	4 49	6 54	3 50	23 7	0 11	0 57	0 6	18 44	1 39	13 47	2 4	2 3	0 40	1 16	1 59	32 39	13 47	19 41	19 32	13 26		n.a.
S 23	15 11	8 20	5 0	7 12	3 47	23 4	0 8	1 15	0 6	18 46	1 39	13 48	2 4	2 2	0 40	1 15	1 59	32 39	13 47	19 38	19 31	13 24		n.a.
M24	14 52	3 0	4 50	7 34	3 41	23 0	0 4	1 33	0 7	18 48	1 39	13 48	2 4	2 2	0 40	1 15	1 59	32 38	13 47	19 36	19 30	13 22		n.a.
T 25	14 33	2n24	4 20	8 0	3 34	22 55	0 1	1 50	0 8	18 51	1 39	13 48	2 4	2 1	0 40	1 14	1 59	32 38	13 48	19 33	19 30	13 20		n.a.
W26	14 13	7 31	3 35	8 30	3 25	22 50	0n 2	2 8	0 9	18 53	1 39	13 48	2 4	2 1	0 40	1 13	1 59	32 38	13 48	19 32	19 29	13 18		n.a.
T 27	13 54	12 4	2 37	9 3	3 14	22 44	0 6	2 26	0 9	18 55	1 39	13 49	2 5	2 0	0 40	1 12	1 59	32 37	13 48	19 31	19 28	13 16		n.a.
F 28	13 34	15 51	1 33	9 39	3 0	22 38	0 9	2 44	0 10	18 57	1 39	13 49	2 5	1 59	0 40	1 11	1 59	32 37	13 48	19 30	19 27	13 14		n.a.
S 29	13 14	18 41	0 25	10 17	2 45	22 31	0 12	3 2	0 11	19 0	1 39	13 49	2 5	1 59	0 40	1 11	1 59	32 36	13 48	19 30	19 27	13 12		n.a.
S 30	12 53	20 31	0s41	10 57	2 29	22 23	0 15	3 20	0 12	19 2	1 39	13 49	2 5	1 58	0 40	1 10	1 59	32 36	13 49	19 30	19 26	13 10		n.a.
M31	12n33	21n19	1s44	11n36	2s11	22n14	0n19	3s38	0s12	19s 4	1s39	13n49	2s 5	1n57	0s40	1n 9	1n59	32n36	13n49	19s30	19s25	13n 8		n.a.

Julian Day Number = 1354924.5, Delta T = 07h04m02s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'42, Lahiri = -17°48'41 Julian Calendar 1 Aug. 1004 BCE == Greg. Calendar 22 July 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

SEPTEMBER 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 1 54	28♌26'58	27♊58	23°R10	23♋32	9♎15	11°R49	12♉24	6°R20	1♎40	5♌15	25°R42	25♏22	10♌29	n.a.	T 1
W 2	22 5 51	29°26'25	9♋54	22♌12	24°44	9°58	11♒42	12°25	6♈18	1°42	5°17	25♏37	25°19	10°36	n.a.	W 2
T 3	22 9 47	0♍25'54	21°46	21°21	25°57	10°41	11°35	12°25	6°16	1°44	5°19	25°29	25°16	10°42	n.a.	T 3
F 4	22 13 44	1°25'26	3♌37	20°39	27° 9	11°24	11°28	12°R25	6°14	1°46	5°21	25°18	25°13	10°49	n.a.	F 4
S 5	22 17 41	2°25'00	15°28	20° 7	28°22	12° 8	11°21	12°25	6°12	1°48	5°23	25° 4	25°10	10°56	n.a.	S 5
S 6	22 21 37	3°24'36	27°23	19°46	29°35	12°51	11°14	12°25	6°10	1°50	5°25	24°50	25° 7	11° 2	n.a.	S 6
M 7	22 25 34	4°24'14	9♍22	19°D35	0♌48	13°34	11° 7	12°24	6° 8	1°52	5°27	24°36	25° 3	11° 9	n.a.	M 7
T 8	22 29 30	5°23'54	21°27	19°36	2° 0	14°18	11° 0	12°24	6° 6	1°54	5°29	24°22	25° 0	11°16	n.a.	T 8
W 9	22 33 27	6°23'36	3♎39	19°47	3°13	15° 1	10°54	12°23	6° 4	1°56	5°31	24°11	24°57	11°23	n.a.	W 9
T 10	22 37 23	7°23'21	15°58	20° 9	4°26	15°45	10°47	12°23	6° 2	1°58	5°33	24° 3	24°54	11°29	n.a.	T 10
F 11	22 41 20	8°23'07	28°27	20°40	5°40	16°29	10°41	12°22	6° 0	2° 0	5°35	23°58	24°51	11°36	n.a.	F 11
S 12	22 45 16	9°22'55	11♏ 9	21°21	6°53	17°12	10°35	12°21	5°58	2° 2	5°37	23°55	24°48	11°43	n.a.	S 12
S 13	22 49 13	10°22'45	24° 6	22°10	8° 6	17°56	10°29	12°20	5°56	2° 4	5°38	23°D55	24°44	11°49	n.a.	S 13
M14	22 53 9	11°22'37	7♐22	23° 7	9°19	18°40	10°23	12°19	5°54	2° 6	5°40	23°R55	24°41	11°56	n.a.	M14
T 15	22 57 6	12°22'31	20°59	24°11	10°33	19°24	10°17	12°18	5°51	2° 8	5°42	23°55	24°38	12° 3	n.a.	T 15
W16	23 1 3	13°22'27	4♑59	25°20	11°46	20° 8	10°12	12°17	5°49	2°11	5°44	23°53	24°35	12°10	n.a.	W16
T 17	23 4 59	14°22'24	19°23	26°35	13° 0	20°52	10° 7	12°15	5°47	2°13	5°46	23°49	24°32	12°16	n.a.	T 17
F 18	23 8 56	15°22'23	4♒ 8	27°54	14°14	21°36	10° 1	12°14	5°45	2°15	5°47	23°42	24°28	12°23	n.a.	F 18
S 19	23 12 52	16°22'24	19° 8	29°17	15°27	22°20	9°56	12°12	5°42	2°17	5°49	23°33	24°25	12°30	n.a.	S 19
S 20	23 16 49	17°22'26	4♓16	0♍43	16°41	23° 5	9°52	12°11	5°40	2°19	5°51	23°23	24°22	12°37	n.a.	S 20
M21	23 20 45	18°22'31	19°20	2°12	17°55	23°49	9°47	12° 9	5°38	2°21	5°53	23°13	24°19	12°43	n.a.	M21
T 22	23 24 42	19°22'37	4♈10	3°43	19° 9	24°33	9°42	12° 7	5°35	2°24	5°54	23° 4	24°16	12°50	n.a.	T 22
W23	23 28 38	20°22'46	18°39	5°16	20°23	25°18	9°38	12° 5	5°33	2°26	5°56	22°57	24°13	12°57	n.a.	W23
T 24	23 32 35	21°22'57	2♉42	6°50	21°37	26° 2	9°34	12° 3	5°31	2°28	5°58	22°53	24° 9	13° 3	n.a.	T 24
F 25	23 36 32	22°23'10	16°15	8°26	22°51	26°47	9°30	12° 0	5°28	2°30	5°59	22°51	24° 6	13°10	n.a.	F 25
S 26	23 40 28	23°23'25	29°21	10° 2	24° 5	27°32	9°26	11°58	5°26	2°33	6° 1	22°D51	24° 3	13°17	n.a.	S 26
S 27	23 44 25	24°23'42	12♊ 3	11°40	25°19	28°16	9°22	11°56	5°23	2°35	6° 2	22°52	24° 0	13°24	n.a.	S 27
M28	23 48 21	25°24'02	24°24	13°17	26°33	29° 1	9°19	11°53	5°21	2°37	6° 4	22°R53	23°57	13°30	n.a.	M28
T 29	23 52 18	26°24'23	6♋30	14°55	27°48	29°46	9°16	11°50	5°19	2°39	6° 5	22°52	23°53	13°37	n.a.	T 29
W30	23 56 14	27♍24'47	18♋27	16♍33	29♌ 2	0♏31	9♒13	11♉48	5♈16	2♎41	6♌ 7	22♏49	23♏50	13♌44	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	12n12	21n 7	2s41	12n15	1s51	22n 5	0n22	3s55	0s13	19s 6	1s39	13n49	2s 5	1n56	0s40	1n 8	1n59	32n35	13n49	19s29	19s24	13n 6		n.a.
W 2	11 51	19 56	3 31	12 53	1 32	21 55	0 25	4 13	0 14	19 8	1 39	13 49	2 6	1 56	0 40	1 7	1 59	32 35	13 49	19 28	19 24	13 4		n.a.
T 3	11 30	17 54	4 10	13 29	1 11	21 45	0 28	4 31	0 15	19 10	1 39	13 49	2 6	1 55	0 40	1 7	1 58	32 35	13 49	19 26	19 23	13 2		n.a.
F 4	11 8	15 8	4 39	14 1	0 51	21 34	0 31	4 49	0 15	19 12	1 39	13 48	2 6	1 54	0 40	1 6	1 58	32 35	13 50	19 23	19 22	13 0		n.a.
S 5	10 47	11 45	4 56	14 30	0 32	21 22	0 34	5 7	0 16	19 14	1 39	13 48	2 6	1 53	0 40	1 5	1 58	32 34	13 50	19 20	19 21	12 58		n.a.
S 6	10 25	7 53	4 59	14 55	0 12	21 9	0 37	5 25	0 17	19 16	1 39	13 48	2 6	1 53	0 40	1 4	1 58	32 34	13 50	19 16	19 20	12 56		n.a.
M 7	10 3	3 42	4 50	15 16	0n 6	20 56	0 40	5 42	0 18	19 17	1 39	13 48	2 6	1 52	0 40	1 3	1 58	32 34	13 50	19 13	19 20	12 54		n.a.
T 8	9 41	0s39	4 27	15 32	0 23	20 43	0 42	6 0	0 18	19 19	1 39	13 48	2 7	1 51	0 40	1 2	1 58	32 33	13 51	19 10	19 19	12 52		n.a.
W 9	9 18	5 1	3 53	15 43	0 39	20 28	0 45	6 18	0 19	19 21	1 39	13 47	2 7	1 50	0 40	1 2	1 58	32 33	13 51	19 7	19 18	12 50		n.a.
T 10	8 56	9 14	3 6	15 50	0 53	20 13	0 48	6 36	0 20	19 23	1 38	13 47	2 7	1 49	0 40	1 1	1 58	32 33	13 51	19 5	19 17	12 48		n.a.
F 11	8 33	13 7	2 10	15 52	1 6	19 58	0 50	6 53	0 21	19 24	1 38	13 47	2 7	1 48	0 40	1 0	1 58	32 33	13 52	19 3	19 17	12 46		n.a.
S 12	8 10	16 28	1 7	15 49	1 17	19 42	0 53	7 11	0 21	19 26	1 38	13 46	2 7	1 48	0 40	0 59	1 58	32 33	13 52	19 3	19 16	12 44		n.a.
S 13	7 48	19 4	0n 1	15 43	1 27	19 25	0 55	7 29	0 22	19 27	1 38	13 46	2 7	1 47	0 40	0 58	1 58	32 32	13 52	19 3	19 15	12 42		n.a.
M14	7 24	20 43	1 11	15 32	1 36	19 8	0 58	7 46	0 23	19 29	1 38	13 45	2 7	1 46	0 40	0 57	1 58	32 32	13 52	19 3	19 14	12 40		n.a.
T 15	7 1	21 12	2 18	15 17	1 43	18 50	1 0	8 4	0 23	19 30	1 38	13 45	2 8	1 45	0 40	0 56	1 58	32 32	13 53	19 3	19 13	12 38		n.a.
W16	6 38	20 24	3 20	14 59	1 49	18 31	1 2	8 22	0 24	19 32	1 38	13 44	2 8	1 44	0 40	0 55	1 58	32 32	13 53	19 2	19 13	12 36		n.a.
T 17	6 15	18 16	4 10	14 38	1 54	18 12	1 5	8 39	0 25	19 33	1 38	13 44	2 8	1 43	0 40	0 55	1 58	32 32	13 53	19 1	19 12	12 33		n.a.
F 18	5 51	14 54	4 45	14 14	1 58	17 53	1 7	8 56	0 25	19 34	1 37	13 43	2 8	1 42	0 40	0 54	1 58	32 31	13 54	18 59	19 11	12 31		n.a.
S 19	5 28	10 33	5 2	13 47	2 1	17 33	1 9	9 14	0 26	19 36	1 37	13 42	2 8	1 41	0 40	0 53	1 58	32 31	13 54	18 57	19 10	12 29		n.a.
S 20	5 4	5 29	4 57	13 18	2 2	17 12	1 11	9 31	0 27	19 37	1 37	13 42	2 8	1 40	0 40	0 52	1 58	32 31	13 54	18 55	19 9	12 27		n.a.
M21	4 40	0 8	4 32	12 46	2 3	16 51	1 13	9 49	0 27	19 38	1 37	13 41	2 8	1 39	0 40	0 51	1 58	32 31	13 55	18 52	19 9	12 25		n.a.
T 22	4 16	5n10	3 49	12 12	2 3	16 30	1 15	10 6	0 28	19 39	1 37	13 40	2 9	1 38	0 40	0 50	1 58	32 31	13 55	18 50	19 8	12 23		n.a.
W23	3 52	10 4	2 52	11 37	2 2	16 8	1 17	10 23	0 29	19 40	1 37	13 40	2 9	1 37	0 40	0 49	1 58	32 31	13 56	18 48	19 7	12 21		n.a.
T 24	3 28	14 15	1 45	11 0	2 1	15 45	1 18	10 40	0 29	19 41	1 36	13 39	2 9	1 36	0 40	0 48	1 58	32 31	13 56	18 47	19 6	12 19		n.a.
F 25	3 4	17 31	0 35	10 22	1 59	15 22	1 20	10 57	0 30	19 42	1 36	13 38	2 9	1 35	0 40	0 47	1 58	32 31	13 56	18 46	19 5	12 17		n.a.
S 26	2 40	19 46	0s35	9 43	1 56	14 59	1 21	11 14	0 31	19 43	1 36	13 37	2 9	1 35	0 40	0 46	1 58	32 31	13 57	18 46	19 5	12 15		n.a.
S 27	2 16	20 55	1 41	9 2	1 53	14 35	1 23	11 31	0 31	19 44	1 36	13 36	2 9	1 34	0 40	0 46	1 58	32 30	13 57	18 47	19 4	12 13		n.a.
M28	1 51	21 1	2 41	8 21	1 50	14 11	1 24	11 48	0 32	19 44	1 36	13 35	2 9	1 33	0 40	0 45	1 58	32 30	13 57	18 47	19 3	12 11		n.a.
T 29	1 27	20 8	3 32	7 39	1 46	13 46	1 26	12 4	0 33	19 45	1 35	13 34	2 9	1 32	0 40	0 44	1 58	32 30	13 58	18 47	19 2	12 9		n.a.
W30	1n 3	18n21	4s13	6n57	1n42	13n21	1n27	12s21	0s33	19s46	1s35	13n33	2s10	1n31	0s40	0n43	1n58	32n30	13n58	18s46	19s 1	12n 7		n.a.

Julian Day Number = 1354955.5, Delta T = 07h04m00s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'37, Lahiri = -17°48'37 Julian Calendar 1 Sept. 1004 BCE == Greg. Calendar 22 Aug. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

OCTOBER 1004 BCE (-1003) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 0 11	28♍25'13	0♌18	18♍12	0♍17	1♏16	9°R10	11°R45	5°R14	2♎44	6♌ 8	22°R45	23♏47	13♌50	n.a.	T 1
F 2	0 4 7	29°25'41	12° 9	19°50	1°31	2° 1	9♒ 7	11♉42	5♈11	2°46	6°10	22♏37	23°44	13°57	n.a.	F 2
S 3	0 8 4	0♎26'10	24° 3	21°28	2°45	2°46	9° 5	11°39	5° 9	2°48	6°11	22°28	23°41	14° 4	n.a.	S 3
S 4	0 12 0	1°26'42	6♍ 2	23° 6	4° 0	3°31	9° 3	11°36	5° 6	2°50	6°13	22°18	23°38	14°11	n.a.	S 4
M 5	0 15 57	2°27'15	18° 9	24°44	5°15	4°16	9° 1	11°33	5° 4	2°53	6°14	22° 8	23°34	14°17	n.a.	M 5
T 6	0 19 54	3°27'50	0♎25	26°22	6°29	5° 2	8°59	11°29	5° 1	2°55	6°15	21°59	23°31	14°24	n.a.	T 6
W 7	0 23 50	4°28'27	12°50	27°59	7°44	5°47	8°57	11°26	4°59	2°57	6°17	21°51	23°28	14°31	n.a.	W 7
T 8	0 27 47	5°29'06	25°26	29°37	8°59	6°32	8°56	11°22	4°56	2°59	6°18	21°46	23°25	14°37	n.a.	T 8
F 9	0 31 43	6°29'46	8♏12	1♎14	10°13	7°18	8°55	11°19	4°54	3° 2	6°19	21°42	23°22	14°44	n.a.	F 9
S 10	0 35 40	7°30'28	21°10	2°51	11°28	8° 3	8°54	11°15	4°51	3° 4	6°21	21°D42	23°19	14°51	n.a.	S 10
S 11	0 39 36	8°31'11	4♐20	4°27	12°43	8°49	8°53	11°11	4°49	3° 6	6°22	21°42	23°15	14°58	n.a.	S 11
M12	0 43 33	9°31'55	17°43	6° 3	13°58	9°34	8°52	11° 8	4°46	3° 8	6°23	21°44	23°12	15° 4	n.a.	M12
T 13	0 47 29	10°32'41	1♑22	7°39	15°13	10°20	8°52	11° 4	4°44	3°11	6°24	21°45	23° 9	15°11	n.a.	T 13
W14	0 51 26	11°33'27	15°16	9°15	16°28	11° 6	8°D52	11° 0	4°41	3°13	6°25	21°R45	23° 6	15°18	n.a.	W14
T 15	0 55 23	12°34'15	29°26	10°51	17°43	11°51	8°52	10°56	4°39	3°15	6°26	21°44	23° 3	15°25	n.a.	T 15
F 16	0 59 19	13°35'04	13♒51	12°26	18°58	12°37	8°52	10°52	4°36	3°17	6°27	21°41	22°59	15°31	n.a.	F 16
S 17	1 3 16	14°35'54	28°26	14° 1	20°13	13°23	8°52	10°47	4°34	3°20	6°28	21°36	22°56	15°38	n.a.	S 17
S 18	1 7 12	15°36'45	13♓ 7	15°36	21°28	14° 9	8°53	10°43	4°32	3°22	6°29	21°31	22°53	15°45	n.a.	S 18
M19	1 11 9	16°37'38	27°46	17°11	22°43	14°55	8°54	10°39	4°29	3°24	6°30	21°25	22°50	15°51	n.a.	M19
T 20	1 15 5	17°38'31	12♈18	18°46	23°58	15°41	8°55	10°35	4°27	3°26	6°31	21°20	22°47	15°58	n.a.	T 20
W21	1 19 2	18°39'26	26°33	20°20	25°13	16°27	8°56	10°30	4°24	3°28	6°32	21°16	22°44	16° 5	n.a.	W21
T 22	1 22 58	19°40'22	10♉29	21°54	26°28	17°13	8°58	10°26	4°22	3°31	6°33	21°14	22°40	16°12	n.a.	T 22
F 23	1 26 55	20°41'19	24° 1	23°29	27°43	17°59	9° 0	10°21	4°20	3°33	6°34	21°D14	22°37	16°18	n.a.	F 23
S 24	1 30 52	21°42'18	7♊ 9	25° 3	28°59	18°45	9° 1	10°17	4°17	3°35	6°35	21°15	22°34	16°25	n.a.	S 24
S 25	1 34 48	22°43'18	19°54	26°37	0♎14	19°31	9° 4	10°12	4°15	3°37	6°36	21°16	22°31	16°32	n.a.	S 25
M26	1 38 45	23°44'20	2♋20	28°11	1°29	20°17	9° 6	10° 7	4°13	3°39	6°37	21°18	22°28	16°39	n.a.	M26
T 27	1 42 41	24°45'23	14°30	29°45	2°44	21° 4	9° 8	10° 3	4°10	3°41	6°37	21°20	22°24	16°45	n.a.	T 27
W28	1 46 38	25°46'27	26°30	1♏19	4° 0	21°50	9°11	9°58	4° 8	3°44	6°38	21°R20	22°21	16°52	n.a.	W28
T 29	1 50 34	26°47'32	8♌23	2°53	5°15	22°36	9°14	9°53	4° 6	3°46	6°39	21°19	22°18	16°59	n.a.	T 29
F 30	1 54 31	27°48'39	20°15	4°27	6°30	23°23	9°17	9°48	4° 3	3°48	6°39	21°18	22°15	17° 5	n.a.	F 30
S 31	1 58 27	28♎49'46	2♍10	6♏ 0	7♎46	24♏ 9	9♒20	9♉43	4♈ 1	3♎50	6♌40	21♏15	22♏12	17♌12	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
T 1	0n38	15n48	4s43	6n13	1n37	12n55	1n28	12s38	0s34	19s46	1s35	13n32	2s10	1n30	0s40	0n42	1n58	32n30	13n59	18s45	19s 1	12n 5			n.a.
F 2	0 14	12 36	5 1	5 30	1 32	12 29	1 29	12 54	0 35	19 47	1 35	13 31	2 10	1 29	0 40	0 41	1 58	32 30	13 59	18 43	19 0	12 3			n.a.
S 3	0s11	8 55	5 6	4 46	1 27	12 3	1 30	13 10	0 35	19 47	1 35	13 30	2 10	1 28	0 40	0 40	1 58	32 30	13 59	18 41	18 59	12 1			n.a.
S 4	0 35	4 51	4 57	4 1	1 21	11 37	1 31	13 27	0 36	19 47	1 34	13 29	2 10	1 27	0 40	0 39	1 58	32 30	14 0	18 38	18 58	11 59			n.a.
M 5	0 59	0 33	4 35	3 17	1 16	11 10	1 32	13 43	0 36	19 48	1 34	13 28	2 10	1 26	0 40	0 38	1 58	32 30	14 0	18 35	18 57	11 56			n.a.
T 6	1 24	3s50	4 1	2 32	1 10	10 42	1 33	13 59	0 37	19 48	1 34	13 27	2 10	1 25	0 40	0 37	1 58	32 30	14 1	18 33	18 57	11 54			n.a.
W 7	1 48	8 7	3 14	1 47	1 4	10 15	1 34	14 15	0 38	19 48	1 34	13 26	2 10	1 24	0 40	0 36	1 58	32 30	14 1	18 31	18 56	11 52			n.a.
T 8	2 13	12 6	2 17	1 3	0 58	9 47	1 35	14 31	0 38	19 48	1 34	13 25	2 10	1 23	0 40	0 36	1 58	32 30	14 2	18 29	18 55	11 50			n.a.
F 9	2 37	15 36	1 12	0 18	0 52	9 19	1 35	14 46	0 39	19 49	1 33	13 24	2 10	1 22	0 40	0 35	1 58	32 31	14 2	18 29	18 54	11 48			n.a.
S 10	3 1	18 23	0 3	0s27	0 46	8 51	1 36	15 2	0 39	19 49	1 33	13 22	2 10	1 21	0 40	0 34	1 58	32 31	14 2	18 28	18 53	11 46			n.a.
S 11	3 26	20 14	1n 8	1 12	0 39	8 22	1 36	15 17	0 40	19 49	1 33	13 21	2 11	1 20	0 40	0 33	1 58	32 31	14 3	18 28	18 53	11 44			n.a.
M12	3 50	20 58	2 16	1 56	0 33	7 53	1 36	15 33	0 41	19 49	1 33	13 20	2 11	1 19	0 40	0 32	1 58	32 31	14 3	18 29	18 52	11 42			n.a.
T 13	4 14	20 30	3 18	2 41	0 26	7 24	1 37	15 48	0 41	19 48	1 32	13 19	2 11	1 18	0 40	0 31	1 58	32 31	14 4	18 29	18 51	11 40			n.a.
W14	4 38	18 47	4 10	3 25	0 20	6 54	1 37	16 3	0 42	19 48	1 32	13 17	2 11	1 17	0 40	0 30	1 58	32 31	14 4	18 29	18 50	11 38			n.a.
T 15	5 2	15 54	4 48	4 9	0 13	6 25	1 37	16 18	0 42	19 48	1 32	13 16	2 11	1 16	0 40	0 29	1 58	32 31	14 5	18 29	18 49	11 36			n.a.
F 16	5 26	12 1	5 8	4 53	0 7	5 55	1 37	16 33	0 43	19 48	1 32	13 15	2 11	1 15	0 40	0 28	1 58	32 31	14 5	18 28	18 49	11 34			n.a.
S 17	5 50	7 23	5 8	5 37	0 0	5 25	1 37	16 47	0 43	19 47	1 31	13 13	2 11	1 14	0 40	0 28	1 58	32 31	14 6	18 27	18 48	11 32			n.a.
S 18	6 14	2 18	4 49	6 20	0s 6	4 55	1 37	17 2	0 44	19 47	1 31	13 12	2 11	1 13	0 40	0 27	1 58	32 32	14 6	18 25	18 47	11 30			n.a.
M19	6 38	2n55	4 11	7 3	0 13	4 25	1 37	17 16	0 44	19 46	1 31	13 11	2 11	1 12	0 40	0 26	1 58	32 32	14 7	18 24	18 46	11 27			n.a.
T 20	7 2	7 56	3 16	7 45	0 19	3 54	1 37	17 30	0 45	19 46	1 31	13 9	2 11	1 11	0 40	0 25	1 58	32 32	14 7	18 23	18 45	11 25			n.a.
W21	7 25	12 25	2 11	8 28	0 26	3 24	1 36	17 44	0 46	19 45	1 30	13 8	2 11	1 10	0 40	0 24	1 58	32 32	14 7	18 22	18 44	11 23			n.a.
T 22	7 49	16 7	0 59	9 9	0 32	2 53	1 36	17 58	0 46	19 45	1 30	13 6	2 11	1 9	0 40	0 23	1 58	32 32	14 8	18 21	18 44	11 21			n.a.
F 23	8 12	18 49	0s15	9 51	0 38	2 22	1 35	18 12	0 47	19 44	1 30	13 5	2 11	1 8	0 40	0 22	1 58	32 33	14 8	18 21	18 43	11 19			n.a.
S 24	8 35	20 26	1 26	10 32	0 44	1 52	1 35	18 25	0 47	19 43	1 30	13 4	2 11	1 7	0 40	0 21	1 58	32 33	14 9	18 21	18 42	11 17			n.a.
S 25	8 58	20 55	2 31	11 12	0 51	1 21	1 34	18 39	0 48	19 42	1 29	13 2	2 11	1 6	0 40	0 21	1 58	32 33	14 9	18 22	18 41	11 15			n.a.
M26	9 21	20 21	3 27	11 52	0 57	0 50	1 34	18 52	0 48	19 42	1 29	13 1	2 11	1 5	0 40	0 20	1 58	32 33	14 10	18 22	18 40	11 13			n.a.
T 27	9 44	18 50	4 12	12 32	1 2	0 19	1 33	19 5	0 49	19 41	1 29	12 59	2 11	1 4	0 40	0 19	1 58	32 34	14 10	18 22	18 40	11 11			n.a.
W28	10 7	16 31	4 45	13 10	1 8	0s12	1 32	19 18	0 49	19 40	1 29	12 58	2 11	1 3	0 40	0 18	1 58	32 34	14 11	18 23	18 39	11 9			n.a.
T 29	10 29	13 31	5 6	13 49	1 14	0 43	1 31	19 30	0 50	19 39	1 29	12 56	2 11	1 3	0 40	0 17	1 58	32 34	14 11	18 22	18 38	11 7			n.a.
F 30	10 51	10 0	5 14	14 26	1 19	1 15	1 30	19 43	0 50	19 38	1 28	12 55	2 11	1 2	0 40	0 16	1 58	32 35	14 12	18 22	18 37	11 4			n.a.
S 31	11s14	6n 4	5s 9	15s 3	1s24	1s46	1n29	19s55	0s50	19s37	1s28	12n53	2s11	1n 1	0s40	0n16	1n58	32n35	14n12	18s21	18s36	11n 2			n.a.

Julian Day Number = 1354985.5, Delta T = 07h03m59s
Ecliptic obliquity = 23°48'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'33, Lahiri = -17°48'33 Julian Calendar 1 Oct. 1004 BCE == Greg. Calendar 21 Sept. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

NOVEMBER 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 2 24	29♎50'55	14♍12	7♏34	9♎ 1	24♏56	9♒24	9°R39	3°R59	3♎52	6♌41	21°R11	22♏ 9	17♌19	n.a.	S 1
M 2	2 6 21	0♏52'05	26°25	9° 8	10°16	25°42	9°27	9♉34	3♈57	3°54	6°41	21♏ 8	22° 5	17°26	n.a.	M 2
T 3	2 10 17	1°53'16	8♎50	10°42	11°32	26°29	9°31	9°29	3°55	3°56	6°42	21° 5	22° 2	17°32	n.a.	T 3
W 4	2 14 14	2°54'27	21°30	12°16	12°47	27°15	9°35	9°24	3°53	3°58	6°42	21° 2	21°59	17°39	n.a.	W 4
T 5	2 18 10	3°55'40	4♏24	13°50	14° 2	28° 2	9°40	9°19	3°51	4° 0	6°43	21° 0	21°56	17°46	n.a.	T 5
F 6	2 22 7	4°56'53	17°33	15°24	15°18	28°49	9°44	9°14	3°49	4° 2	6°43	21°D 0	21°53	17°52	n.a.	F 6
S 7	2 26 3	5°58'07	0♐55	16°57	16°33	29°35	9°49	9° 9	3°47	4° 4	6°43	21° 0	21°50	17°59	n.a.	S 7
S 8	2 30 0	6°59'21	14°29	18°31	17°49	0♐22	9°54	9° 4	3°45	4° 6	6°44	21° 1	21°46	18° 6	n.a.	S 8
M 9	2 33 56	8° 0'36	28°14	20° 5	19° 4	1° 9	9°59	8°59	3°43	4° 8	6°44	21° 2	21°43	18°13	n.a.	M 9
T 10	2 37 53	9° 1'51	12♑ 9	21°38	20°20	1°56	10° 4	8°54	3°41	4°10	6°44	21° 3	21°40	18°19	n.a.	T 10
W11	2 41 50	10° 3'07	26°11	23°12	21°35	2°43	10° 9	8°49	3°39	4°12	6°45	21° 4	21°37	18°26	n.a.	W11
T 12	2 45 46	11° 4'22	10♒19	24°45	22°50	3°29	10°15	8°44	3°37	4°14	6°45	21°R 4	21°34	18°33	n.a.	T 12
F 13	2 49 43	12° 5'38	24°31	26°18	24° 6	4°16	10°20	8°39	3°35	4°16	6°45	21° 4	21°30	18°40	n.a.	F 13
S 14	2 53 39	13° 6'53	8♓46	27°50	25°21	5° 3	10°26	8°34	3°33	4°18	6°45	21° 3	21°27	18°46	n.a.	S 14
S 15	2 57 36	14° 8'09	22°59	29°22	26°37	5°50	10°32	8°29	3°32	4°19	6°45	21° 2	21°24	18°53	n.a.	S 15
M16	3 1 32	15° 9'24	7♈ 8	0♐53	27°52	6°37	10°39	8°24	3°30	4°21	6°45	21° 1	21°21	19° 0	n.a.	M16
T 17	3 5 29	16°10'40	21° 9	2°24	29° 8	7°24	10°45	8°19	3°28	4°23	6°45	21° 1	21°18	19° 6	n.a.	T 17
W18	3 9 26	17°11'56	4♉59	3°53	0♏23	8°11	10°52	8°14	3°27	4°25	6°R45	21° 0	21°15	19°13	n.a.	W18
T 19	3 13 22	18°13'12	18°34	5°21	1°38	8°58	10°58	8° 9	3°25	4°27	6°45	21°D 0	21°11	19°20	n.a.	T 19
F 20	3 17 19	19°14'28	1♊52	6°48	2°54	9°45	11° 5	8° 4	3°24	4°28	6°45	21° 0	21° 8	19°27	n.a.	F 20
S 21	3 21 15	20°15'44	14°53	8°14	4° 9	10°32	11°12	8° 0	3°22	4°30	6°45	21° 0	21° 5	19°33	n.a.	S 21
S 22	3 25 12	21°17'01	27°36	9°37	5°25	11°19	11°20	7°55	3°21	4°32	6°45	21°R 1	21° 2	19°40	n.a.	S 22
M23	3 29 8	22°18'18	10♋ 2	10°57	6°40	12° 7	11°27	7°50	3°19	4°33	6°45	21° 0	20°59	19°47	n.a.	M23
T 24	3 33 5	23°19'34	22°14	12°15	7°56	12°54	11°34	7°45	3°18	4°35	6°45	21° 0	20°56	19°54	n.a.	T 24
W25	3 37 1	24°20'51	4♌16	13°30	9°11	13°41	11°42	7°41	3°17	4°37	6°45	21° 0	20°52	20° 0	n.a.	W25
T 26	3 40 58	25°22'09	16°10	14°40	10°26	14°28	11°50	7°36	3°15	4°38	6°44	21° 0	20°49	20° 7	n.a.	T 26
F 27	3 44 55	26°23'26	28° 2	15°46	11°42	15°15	11°58	7°31	3°14	4°40	6°44	21°D 0	20°46	20°14	n.a.	F 27
S 28	3 48 51	27°24'43	9♍57	16°46	12°57	16° 3	12° 6	7°27	3°13	4°41	6°44	21° 0	20°43	20°20	n.a.	S 28
S 29	3 52 48	28°26'00	21°59	17°41	14°13	16°50	12°14	7°22	3°12	4°43	6°43	21° 0	20°40	20°27	n.a.	S 29
M30	3 56 44	29♏27'18	4♎13	18♐28	15♏28	17♐37	12♒23	7♉18	3♈11	4♎44	6♌43	21♏ 1	20♏36	20♌34	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11s36	1n52	4s50	15s40	1s30	2s17	1n28	20s 7	0s51	19s35	1s28	12n52	2s11	1n 0	0s40	0n15	1n58	32n35	14n13	18s20	18s35	11n 0		n.a.
M 2	11 57	2s28	4 17	16 15	1 34	2 48	1 27	20 19	0 51	19 34	1 28	12 50	2 11	0 59	0 40	0 14	1 58	32 36	14 13	18 19	18 35	10 58		n.a.
T 3	12 19	6 48	3 32	16 50	1 39	3 19	1 26	20 31	0 52	19 33	1 27	12 49	2 11	0 58	0 40	0 13	1 59	32 36	14 14	18 18	18 34	10 56		n.a.
W 4	12 40	10 54	2 36	17 24	1 44	3 50	1 25	20 42	0 52	19 31	1 27	12 47	2 11	0 57	0 40	0 12	1 59	32 36	14 14	18 18	18 33	10 54		n.a.
T 5	13 1	14 36	1 30	17 57	1 48	4 21	1 23	20 53	0 53	19 30	1 27	12 45	2 11	0 57	0 40	0 12	1 59	32 37	14 15	18 17	18 32	10 52		n.a.
F 6	13 22	17 38	0 19	18 29	1 52	4 51	1 22	21 4	0 53	19 29	1 27	12 44	2 11	0 56	0 40	0 11	1 59	32 37	14 15	18 17	18 31	10 50		n.a.
S 7	13 43	19 46	0n55	19 0	1 56	5 22	1 21	21 15	0 54	19 27	1 26	12 42	2 11	0 55	0 40	0 10	1 59	32 37	14 16	18 17	18 30	10 48		n.a.
S 8	14 4	20 48	2 6	19 31	1 59	5 53	1 19	21 25	0 54	19 26	1 26	12 41	2 11	0 54	0 40	0 9	1 59	32 38	14 16	18 17	18 30	10 46		n.a.
M 9	14 24	20 36	3 12	20 0	2 2	6 23	1 18	21 36	0 54	19 24	1 26	12 39	2 11	0 53	0 40	0 9	1 59	32 38	14 17	18 18	18 29	10 43		n.a.
T 10	14 44	19 9	4 7	20 28	2 5	6 53	1 16	21 46	0 55	19 22	1 26	12 38	2 11	0 53	0 40	0 8	1 59	32 39	14 18	18 18	18 28	10 41		n.a.
W11	15 4	16 32	4 48	20 55	2 7	7 24	1 14	21 56	0 55	19 21	1 25	12 36	2 10	0 52	0 40	0 7	1 59	32 39	14 18	18 18	18 27	10 39		n.a.
T 12	15 23	12 56	5 11	21 20	2 9	7 54	1 13	22 5	0 56	19 19	1 25	12 35	2 10	0 51	0 40	0 6	1 59	32 39	14 19	18 18	18 26	10 37		n.a.
F 13	15 42	8 35	5 16	21 45	2 11	8 23	1 11	22 15	0 56	19 17	1 25	12 33	2 10	0 51	0 40	0 6	1 59	32 40	14 19	18 18	18 25	10 35		n.a.
S 14	16 1	3 45	5 2	22 8	2 12	8 53	1 9	22 24	0 56	19 15	1 25	12 32	2 10	0 50	0 40	0 5	1 59	32 40	14 20	18 18	18 24	10 33		n.a.
S 15	16 20	1n17	4 29	22 29	2 13	9 22	1 8	22 33	0 57	19 13	1 24	12 30	2 10	0 49	0 40	0 4	1 59	32 41	14 20	18 18	18 24	10 31		n.a.
M16	16 38	6 14	3 40	22 49	2 13	9 52	1 6	22 41	0 57	19 11	1 24	12 29	2 10	0 49	0 40	0 4	1 59	32 41	14 21	18 18	18 23	10 29		n.a.
T 17	16 56	10 49	2 38	23 8	2 12	10 21	1 4	22 50	0 57	19 9	1 24	12 27	2 10	0 48	0 39	0 3	1 59	32 42	14 21	18 17	18 22	10 27		n.a.
W18	17 14	14 45	1 28	23 24	2 11	10 49	1 2	22 58	0 58	19 7	1 24	12 26	2 10	0 47	0 39	0 2	1 59	32 42	14 22	18 17	18 21	10 24		n.a.
T 19	17 31	17 50	0 14	23 39	2 10	11 18	1 0	23 6	0 58	19 5	1 24	12 24	2 10	0 47	0 39	0 2	1 59	32 43	14 22	18 17	18 20	10 22		n.a.
F 20	17 48	19 53	1s 0	23 53	2 7	11 46	0 58	23 13	0 58	19 3	1 23	12 23	2 9	0 46	0 39	0 1	1 59	32 43	14 23	18 17	18 19	10 20		n.a.
S 21	18 5	20 49	2 9	24 4	2 4	12 14	0 56	23 21	0 59	19 1	1 23	12 21	2 9	0 46	0 39	0 0	1 59	32 44	14 23	18 17	18 19	10 18		n.a.
S 22	18 22	20 38	3 9	24 13	2 1	12 41	0 54	23 28	0 59	18 59	1 23	12 20	2 9	0 45	0 39	0s 0	1 59	32 44	14 24	18 17	18 18	10 16		n.a.
M23	18 38	19 26	4 0	24 21	1 56	13 9	0 52	23 35	0 59	18 56	1 23	12 18	2 9	0 44	0 39	0 1	1 59	32 45	14 24	18 17	18 17	10 14		n.a.
T 24	18 54	17 22	4 38	24 26	1 50	13 36	0 49	23 41	1 0	18 54	1 22	12 17	2 9	0 44	0 39	0 2	1 59	32 45	14 25	18 17	18 16	10 12		n.a.
W25	19 9	14 35	5 4	24 29	1 44	14 2	0 47	23 48	1 0	18 52	1 22	12 16	2 9	0 43	0 39	0 2	1 59	32 46	14 25	18 17	18 15	10 10		n.a.
T 26	19 24	11 13	5 16	24 31	1 36	14 28	0 45	23 54	1 0	18 49	1 22	12 14	2 9	0 43	0 39	0 3	1 59	32 46	14 26	18 17	18 14	10 8		n.a.
F 27	19 39	7 25	5 15	24 29	1 28	14 54	0 43	23 59	1 1	18 47	1 22	12 13	2 8	0 42	0 39	0 3	2 0	32 47	14 26	18 17	18 13	10 5		n.a.
S 28	19 53	3 20	5 0	24 26	1 18	15 20	0 40	24 5	1 1	18 44	1 22	12 12	2 8	0 42	0 39	0 4	2 0	32 47	14 27	18 17	18 13	10 3		n.a.
S 29	20 7	0s56	4 32	24 20	1 7	15 45	0 38	24 10	1 1	18 42	1 21	12 10	2 8	0 42	0 39	0 5	2 0	32 48	14 27	18 17	18 12	10 1		n.a.
M30	20s21	5s14	3s51	24s13	0s55	16s 9	0n36	24s15	1s 2	18s39	1s21	12n 9	2s 8	0n41	0s39	0s 5	2n 0	32n49	14n28	18s18	18s11	9n59		n.a.

Julian Day Number = 1355016.5, Delta T = 07h03m57s
Ecliptic obliquity = 23°48'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'29, Lahiri = -17°48'29 Julian Calendar 1 Nov. 1004 BCE == Greg. Calendar 22 Oct. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1004 BCE
geocentric

DECEMBER 1004 BCE (-1003) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 0 41	0♐28'35	16♎42	19♐ 7	16♏44	18♐24	12♒32	7°R13	3°R10	4♎46	6°R43	21♏ 2	20♏33	20♌41	n.a.	T 1
W 2	4 4 37	1°29'52	29°30	19°38	17°59	19°12	12°40	7♉ 9	3♈ 9	4°47	6♌42	21° 3	20°30	20°47	n.a.	W 2
T 3	4 8 34	2°31'09	12♏38	19°59	19°14	19°59	12°49	7° 5	3° 8	4°49	6°42	21° 4	20°27	20°54	n.a.	T 3
F 4	4 12 30	3°32'25	26° 7	20°R 9	20°30	20°46	12°58	7° 1	3° 7	4°50	6°41	21°R 4	20°24	21° 1	n.a.	F 4
S 5	4 16 27	4°33'42	9♐54	20° 9	21°45	21°34	13° 7	6°56	3° 6	4°51	6°41	21° 3	20°21	21° 7	n.a.	S 5
S 6	4 20 24	5°34'57	23°57	19°56	23° 1	22°21	13°17	6°52	3° 5	4°53	6°40	21° 2	20°17	21°14	n.a.	S 6
M 7	4 24 20	6°36'12	8♑13	19°32	24°16	23° 8	13°26	6°48	3° 4	4°54	6°40	21° 0	20°14	21°21	n.a.	M 7
T 8	4 28 17	7°37'27	22°35	18°56	25°31	23°56	13°36	6°44	3° 4	4°55	6°39	20°57	20°11	21°28	n.a.	T 8
W 9	4 32 13	8°38'40	6♒59	18° 9	26°47	24°43	13°45	6°41	3° 3	4°57	6°38	20°55	20° 8	21°34	n.a.	W 9
T 10	4 36 10	9°39'53	21°20	17°13	28° 2	25°30	13°55	6°37	3° 2	4°58	6°38	20°54	20° 5	21°41	n.a.	T 10
F 11	4 40 6	10°41'04	5♓35	16° 8	29°17	26°18	14° 5	6°33	3° 2	4°59	6°37	20°D53	20° 2	21°48	n.a.	F 11
S 12	4 44 3	11°42'14	19°41	14°56	0♐33	27° 5	14°15	6°30	3° 1	5° 0	6°36	20°53	19°58	21°55	n.a.	S 12
S 13	4 48 0	12°43'23	3♈36	13°40	1°48	27°52	14°25	6°26	3° 1	5° 1	6°36	20°54	19°55	22° 1	n.a.	S 13
M14	4 51 56	13°44'32	17°21	12°23	3° 3	28°40	14°35	6°23	3° 1	5° 2	6°35	20°55	19°52	22° 8	n.a.	M14
T 15	4 55 53	14°45'38	0♉54	11° 6	4°19	29°27	14°46	6°19	3° 0	5° 3	6°34	20°57	19°49	22°15	n.a.	T 15
W16	4 59 49	15°46'44	14°15	9°51	5°34	0♑15	14°56	6°16	3° 0	5° 4	6°33	20°R58	19°46	22°21	n.a.	W16
T 17	5 3 46	16°47'49	27°25	8°42	6°49	1° 2	15° 7	6°13	3° 0	5° 5	6°32	20°58	19°42	22°28	n.a.	T 17
F 18	5 7 42	17°48'53	10♊22	7°39	8° 4	1°49	15°18	6°10	2°59	5° 6	6°31	20°57	19°39	22°35	n.a.	F 18
S 19	5 11 39	18°49'56	23° 6	6°43	9°20	2°37	15°28	6° 7	2°59	5° 7	6°30	20°54	19°36	22°42	n.a.	S 19
S 20	5 15 35	19°50'58	5♋39	5°56	10°35	3°24	15°39	6° 4	2°59	5° 8	6°29	20°49	19°33	22°48	n.a.	S 20
M21	5 19 32	20°51'59	17°59	5°17	11°50	4°11	15°50	6° 1	2°D59	5° 9	6°28	20°44	19°30	22°55	n.a.	M21
T 22	5 23 29	21°52'58	0♌ 8	4°48	13° 5	4°59	16° 2	5°58	2°59	5°10	6°27	20°38	19°27	23° 2	n.a.	T 22
W23	5 27 25	22°53'57	12° 9	4°27	14°20	5°46	16°13	5°56	2°59	5°11	6°26	20°33	19°23	23° 9	n.a.	W23
T 24	5 31 22	23°54'55	24° 3	4°15	15°36	6°34	16°24	5°53	2°59	5°12	6°25	20°28	19°20	23°15	n.a.	T 24
F 25	5 35 18	24°55'52	5♍55	4°D12	16°51	7°21	16°36	5°51	3° 0	5°12	6°24	20°25	19°17	23°22	n.a.	F 25
S 26	5 39 15	25°56'47	17°48	4°15	18° 6	8° 8	16°47	5°48	3° 0	5°13	6°23	20°23	19°14	23°29	n.a.	S 26
S 27	5 43 11	26°57'42	29°47	4°27	19°21	8°56	16°59	5°46	3° 0	5°14	6°22	20°D22	19°11	23°35	n.a.	S 27
M28	5 47 8	27°58'36	11♎58	4°44	20°36	9°43	17°10	5°44	3° 0	5°14	6°21	20°23	19° 7	23°42	n.a.	M28
T 29	5 51 4	28°59'28	24°25	5° 8	21°52	10°30	17°22	5°42	3° 1	5°15	6°20	20°25	19° 4	23°49	n.a.	T 29
W30	5 55 1	0♑ 0'20	7♏13	5°38	23° 7	11°18	17°34	5°40	3° 1	5°16	6°19	20°26	19° 1	23°56	n.a.	W30
T 31	5 58 58	1♑ 1'10	20♏24	6♐13	24♐22	12♑ 5	17♒46	5♉39	3♈ 2	5♎16	6♌17	20°R27	18♏58	24♌ 2	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20s34	9s25	2s59	24s 3	0s41	16s34	0n34	24s19	1s 2	18s36	1s21	12n 8	2s 8	0n41	0s39	0s 6	2n 0	32n49	14n28	18s18	18s10	9n57		n.a.
W 2	20 47	13 17	1 57	23 51	0 27	16 57	0 31	24 24	1 2	18 34	1 21	12 6	2 8	0 40	0 39	0 6	2 0	32 50	14 29	18 18	18 9	9 55		n.a.
T 3	20 59	16 37	0 47	23 36	0 11	17 21	0 29	24 28	1 2	18 31	1 21	12 5	2 7	0 40	0 39	0 7	2 0	32 50	14 29	18 18	18 8	9 53		n.a.
F 4	21 11	19 8	0n28	23 20	0n 6	17 44	0 26	24 32	1 3	18 28	1 20	12 4	2 7	0 40	0 39	0 7	2 0	32 51	14 30	18 18	18 7	9 51		n.a.
S 5	21 23	20 36	1 42	23 2	0 24	18 6	0 24	24 35	1 3	18 25	1 20	12 3	2 7	0 39	0 39	0 8	2 0	32 51	14 30	18 18	18 7	9 48		n.a.
S 6	21 34	20 49	2 52	22 43	0 43	18 28	0 22	24 38	1 3	18 22	1 20	12 2	2 7	0 39	0 39	0 8	2 0	32 52	14 30	18 18	18 6	9 46		n.a.
M 7	21 45	19 42	3 52	22 22	1 2	18 49	0 19	24 41	1 3	18 19	1 20	12 1	2 7	0 39	0 39	0 9	2 0	32 53	14 31	18 17	18 5	9 44		n.a.
T 8	21 55	17 19	4 38	21 59	1 22	19 10	0 17	24 44	1 3	18 16	1 20	11 59	2 6	0 39	0 39	0 9	2 0	32 53	14 31	18 17	18 4	9 42		n.a.
W 9	22 5	13 53	5 6	21 36	1 41	19 30	0 14	24 46	1 4	18 13	1 20	11 58	2 6	0 38	0 39	0 10	2 0	32 54	14 32	18 16	18 3	9 40		n.a.
T 10	22 15	9 38	5 15	21 12	2 0	19 50	0 12	24 48	1 4	18 10	1 19	11 57	2 6	0 38	0 39	0 10	2 0	32 55	14 32	18 16	18 2	9 38		n.a.
F 11	22 24	4 53	5 5	20 47	2 18	20 9	0 10	24 50	1 4	18 7	1 19	11 56	2 6	0 38	0 39	0 10	2 0	32 55	14 33	18 15	18 1	9 36		n.a.
S 12	22 32	0n 5	4 37	20 23	2 35	20 28	0 7	24 51	1 4	18 4	1 19	11 55	2 5	0 38	0 39	0 11	2 0	32 56	14 33	18 15	18 1	9 34		n.a.
S 13	22 41	4 59	3 52	19 59	2 50	20 46	0 5	24 52	1 4	18 1	1 19	11 54	2 5	0 38	0 39	0 11	2 0	32 56	14 34	18 16	18 0	9 31		n.a.
M14	22 48	9 36	2 55	19 37	3 3	21 4	0 2	24 53	1 5	17 58	1 19	11 53	2 5	0 38	0 39	0 12	2 1	32 57	14 34	18 16	17 59	9 29		n.a.
T 15	22 56	13 39	1 48	19 16	3 13	21 20	0s 0	24 53	1 5	17 54	1 18	11 53	2 5	0 37	0 39	0 12	2 1	32 58	14 35	18 16	17 58	9 27		n.a.
W16	23 2	16 57	0 37	18 57	3 21	21 37	0 3	24 54	1 5	17 51	1 18	11 52	2 5	0 37	0 38	0 12	2 1	32 58	14 35	18 17	17 57	9 25		n.a.
T 17	23 9	19 19	0s35	18 41	3 27	21 52	0 5	24 54	1 5	17 48	1 18	11 51	2 4	0 37	0 38	0 13	2 1	32 59	14 35	18 17	17 56	9 23		n.a.
F 18	23 15	20 38	1 44	18 28	3 30	22 7	0 7	24 53	1 5	17 44	1 18	11 50	2 4	0 37	0 38	0 13	2 1	33 0	14 36	18 16	17 55	9 21		n.a.
S 19	23 20	20 51	2 47	18 18	3 32	22 21	0 10	24 52	1 5	17 41	1 18	11 49	2 4	0 37	0 38	0 13	2 1	33 0	14 36	18 16	17 54	9 19		n.a.
S 20	23 25	20 1	3 41	18 10	3 31	22 35	0 12	24 52	1 5	17 38	1 18	11 49	2 4	0 37	0 38	0 14	2 1	33 1	14 37	18 14	17 54	9 17		n.a.
M21	23 30	18 15	4 23	18 6	3 28	22 48	0 15	24 50	1 6	17 34	1 18	11 48	2 3	0 37	0 38	0 14	2 1	33 2	14 37	18 13	17 53	9 14		n.a.
T 22	23 34	15 41	4 52	18 5	3 24	23 0	0 17	24 49	1 6	17 31	1 17	11 47	2 3	0 37	0 38	0 14	2 1	33 2	14 37	18 11	17 52	9 12		n.a.
W23	23 37	12 29	5 8	18 7	3 18	23 12	0 19	24 47	1 6	17 27	1 17	11 47	2 3	0 37	0 38	0 14	2 1	33 3	14 38	18 10	17 51	9 10		n.a.
T 24	23 40	8 49	5 11	18 11	3 12	23 23	0 22	24 45	1 6	17 23	1 17	11 46	2 3	0 38	0 38	0 15	2 1	33 4	14 38	18 9	17 50	9 8		n.a.
F 25	23 43	4 50	5 0	18 18	3 4	23 33	0 24	24 42	1 6	17 20	1 17	11 45	2 2	0 38	0 38	0 15	2 1	33 4	14 39	18 8	17 49	9 6		n.a.
S 26	23 45	0 39	4 37	18 27	2 56	23 42	0 26	24 39	1 6	17 16	1 17	11 45	2 2	0 38	0 38	0 15	2 1	33 5	14 39	18 7	17 48	9 4		n.a.
S 27	23 47	3s36	4 1	18 38	2 47	23 51	0 28	24 36	1 6	17 12	1 17	11 44	2 2	0 38	0 38	0 15	2 1	33 6	14 39	18 7	17 47	9 2		n.a.
M28	23 48	7 46	3 14	18 50	2 37	23 59	0 31	24 33	1 6	17 9	1 17	11 44	2 1	0 38	0 38	0 16	2 2	33 6	14 40	18 7	17 47	8 59		n.a.
T 29	23 49	11 43	2 17	19 4	2 28	24 6	0 33	24 29	1 6	17 5	1 16	11 44	2 1	0 38	0 38	0 16	2 2	33 7	14 40	18 8	17 46	8 57		n.a.
W30	23 49	15 15	1 11	19 19	2 18	24 13	0 35	24 26	1 6	17 1	1 16	11 43	2 1	0 38	0 38	0 16	2 2	33 8	14 40	18 8	17 45	8 55		n.a.
T 31	23s49	18s 8	0s 0	19s35	2n 7	24s19	0s37	24s21	1s 6	16s57	1s16	11n43	2s 1	0n39	0s38	0s16	2n 2	33n 8	14n41	18s 8	17s44	8n53		n.a.

Julian Day Number = 1355046.5, Delta T = 07h03m56s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'25, Lahiri = -17°48'25 Julian Calendar 1 Dec. 1004 BCE == Greg. Calendar 21 Nov. 1004 BCE

The year -1003 astronomical counting style corresponds to year 1004 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

JANUARY 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 2 54	2♉ 1'59	4♐ 1	6♐52	25♐37	12♉52	17♒58	5°R37	3♈ 2	5♎17	6°R16	20°R26	18♏55	24♌ 9	n.a.	F 1
S 2	6 6 51	3° 2'47	18° 5	7°36	26°52	13°39	18°10	5♉35	3° 3	5°17	6♌15	20♏23	18°52	24°16	n.a.	S 2
S 3	6 10 47	4° 3'34	2♉30	8°24	28° 7	14°27	18°23	5°34	3° 4	5°18	6°14	20°18	18°48	24°23	n.a.	S 3
M 4	6 14 44	5° 4'19	17°13	9°15	29°22	15°14	18°35	5°33	3° 4	5°18	6°12	20°12	18°45	24°29	n.a.	M 4
T 5	6 18 40	6° 5'02	2♒ 4	10° 9	0♉37	16° 1	18°47	5°31	3° 5	5°18	6°11	20° 4	18°42	24°36	n.a.	T 5
W 6	6 22 37	7° 5'44	16°57	11° 7	1°52	16°49	19° 0	5°30	3° 6	5°19	6°10	19°57	18°39	24°43	n.a.	W 6
T 7	6 26 34	8° 6'24	1♓41	12° 7	3° 7	17°36	19°12	5°29	3° 7	5°19	6° 8	19°51	18°36	24°49	n.a.	T 7
F 8	6 30 30	9° 7'01	16°12	13°10	4°22	18°23	19°25	5°28	3° 8	5°19	6° 7	19°47	18°33	24°56	n.a.	F 8
S 9	6 34 27	10° 7'37	0♈24	14°16	5°38	19°10	19°38	5°28	3° 9	5°19	6° 6	19°44	18°29	25° 3	n.a.	S 9
S 10	6 38 23	11° 8'11	14°17	15°23	6°53	19°57	19°50	5°27	3°10	5°20	6° 4	19°D44	18°26	25°10	n.a.	S 10
M11	6 42 20	12° 8'43	27°51	16°33	8° 7	20°44	20° 3	5°26	3°11	5°20	6° 3	19°45	18°23	25°16	n.a.	M11
T 12	6 46 16	13° 9'13	11♉ 7	17°45	9°22	21°32	20°16	5°26	3°12	5°20	6° 1	19°46	18°20	25°23	n.a.	T 12
W13	6 50 13	14° 9'40	24° 8	18°58	10°37	22°19	20°29	5°26	3°13	5°20	6° 0	19°R46	18°17	25°30	n.a.	W13
T 14	6 54 9	15°10'06	6♊55	20°13	11°52	23° 6	20°42	5°26	3°14	5°20	5°58	19°44	18°13	25°37	n.a.	T 14
F 15	6 58 6	16°10'30	19°32	21°30	13° 7	23°53	20°55	5°D25	3°15	5°20	5°57	19°40	18°10	25°43	n.a.	F 15
S 16	7 2 3	17°10'52	1♋58	22°48	14°22	24°40	21° 8	5°25	3°17	5°R20	5°56	19°34	18° 7	25°50	n.a.	S 16
S 17	7 5 59	18°11'12	14°16	24° 7	15°37	25°27	21°22	5°26	3°18	5°20	5°54	19°24	18° 4	25°57	n.a.	S 17
M18	7 9 56	19°11'30	26°26	25°28	16°52	26°14	21°35	5°26	3°20	5°20	5°53	19°13	18° 1	26° 3	n.a.	M18
T 19	7 13 52	20°11'47	8♌29	26°51	18° 7	27° 1	21°48	5°26	3°21	5°20	5°51	19° 1	17°58	26°10	n.a.	T 19
W20	7 17 49	21°12'01	20°27	28°14	19°22	27°48	22° 2	5°27	3°23	5°20	5°50	18°49	17°54	26°17	n.a.	W20
T 21	7 21 45	22°12'13	2♍19	29°39	20°37	28°34	22°15	5°27	3°24	5°20	5°48	18°38	17°51	26°24	n.a.	T 21
F 22	7 25 42	23°12'24	14°10	1♉ 5	21°51	29°21	22°28	5°28	3°26	5°19	5°46	18°30	17°48	26°30	n.a.	F 22
S 23	7 29 38	24°12'33	26° 3	2°33	23° 6	0♒ 8	22°42	5°29	3°27	5°19	5°45	18°23	17°45	26°37	n.a.	S 23
S 24	7 33 35	25°12'40	8♎ 1	4° 1	24°21	0°55	22°56	5°30	3°29	5°19	5°43	18°19	17°42	26°44	n.a.	S 24
M25	7 37 32	26°12'46	20° 8	5°31	25°36	1°42	23° 9	5°31	3°31	5°19	5°42	18°18	17°39	26°50	n.a.	M25
T 26	7 41 28	27°12'50	2♏30	7° 2	26°51	2°29	23°23	5°32	3°33	5°18	5°40	18°D18	17°35	26°57	n.a.	T 26
W27	7 45 25	28°12'52	15°13	8°34	28° 5	3°15	23°37	5°33	3°34	5°18	5°39	18°R18	17°32	27° 4	n.a.	W27
T 28	7 49 21	29°12'52	28°19	10° 7	29°20	4° 2	23°50	5°35	3°36	5°18	5°37	18°18	17°29	27°11	n.a.	T 28
F 29	7 53 18	0♒12'51	11♐54	11°41	0♒35	4°49	24° 4	5°36	3°38	5°17	5°36	18°15	17°26	27°17	n.a.	F 29
S 30	7 57 14	1°12'47	25°59	13°17	1°50	5°35	24°18	5°38	3°40	5°17	5°34	18°11	17°23	27°24	n.a.	S 30
S 31	8 1 11	2♒12'42	10♉32	14♉53	3♒ 4	6♒22	24♒32	5♉40	3♈42	5♎16	5♌32	18♏ 4	17♏19	27♌31	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s48	20s 5	1n13	19s52	1n57	24s24	0s39	24s17	1s 6	16s53	1s16	11n43	2s 0	0n39	0s38	0s16	2n 2	33n 9	14n41	18s 8	17s43	8n51		n.a.
S 2	23 47	20 53	2 24	20 10	1 47	24 28	0 41	24 12	1 6	16 49	1 16	11 42	2 0	0 39	0 38	0 16	2 2	33 10	14 41	18 7	17 42	8 49		n.a.
S 3	23 45	20 20	3 28	20 28	1 37	24 31	0 43	24 7	1 6	16 45	1 16	11 42	2 0	0 40	0 38	0 16	2 2	33 10	14 42	18 6	17 41	8 47		n.a.
M 4	23 43	18 25	4 19	20 46	1 26	24 34	0 45	24 2	1 6	16 41	1 16	11 42	2 0	0 40	0 38	0 17	2 2	33 11	14 42	18 4	17 40	8 44		n.a.
T 5	23 40	15 15	4 53	21 4	1 16	24 36	0 47	23 56	1 6	16 37	1 15	11 42	1 59	0 40	0 38	0 17	2 2	33 12	14 42	18 2	17 39	8 42		n.a.
W 6	23 37	11 7	5 7	21 22	1 6	24 37	0 49	23 50	1 6	16 33	1 15	11 42	1 59	0 41	0 38	0 17	2 2	33 12	14 43	18 0	17 39	8 40		n.a.
T 7	23 34	6 21	5 1	21 40	0 56	24 38	0 51	23 44	1 6	16 29	1 15	11 42	1 59	0 41	0 38	0 17	2 2	33 13	14 43	17 59	17 38	8 38		n.a.
F 8	23 30	1 18	4 36	21 58	0 46	24 37	0 53	23 38	1 6	16 25	1 15	11 42	1 58	0 41	0 38	0 17	2 2	33 14	14 43	17 57	17 37	8 36		n.a.
S 9	23 25	3n44	3 54	22 16	0 37	24 36	0 55	23 31	1 6	16 21	1 15	11 42	1 58	0 42	0 38	0 17	2 2	33 14	14 44	17 57	17 36	8 34		n.a.
S 10	23 20	8 27	2 59	22 33	0 27	24 34	0 57	23 24	1 6	16 17	1 15	11 42	1 58	0 42	0 38	0 17	2 2	33 15	14 44	17 57	17 35	8 32		n.a.
M11	23 15	12 39	1 55	22 50	0 18	24 32	0 58	23 17	1 6	16 12	1 15	11 42	1 58	0 43	0 37	0 17	2 2	33 15	14 44	17 57	17 34	8 29		n.a.
T 12	23 9	16 8	0 46	23 6	0 9	24 28	1 0	23 9	1 6	16 8	1 15	11 42	1 57	0 43	0 37	0 17	2 3	33 16	14 44	17 57	17 33	8 27		n.a.
W13	23 3	18 43	0s23	23 21	0s 0	24 24	1 2	23 1	1 6	16 4	1 15	11 42	1 57	0 44	0 37	0 17	2 3	33 17	14 45	17 57	17 32	8 25		n.a.
T 14	22 56	20 19	1 31	23 35	0 9	24 19	1 3	22 53	1 6	15 59	1 15	11 42	1 57	0 44	0 37	0 17	2 3	33 17	14 45	17 57	17 31	8 23		n.a.
F 15	22 49	20 52	2 32	23 49	0 17	24 14	1 5	22 45	1 6	15 55	1 14	11 42	1 56	0 45	0 37	0 17	2 3	33 18	14 45	17 56	17 31	8 21		n.a.
S 16	22 41	20 22	3 26	24 2	0 25	24 7	1 6	22 37	1 6	15 51	1 14	11 43	1 56	0 45	0 37	0 17	2 3	33 19	14 45	17 54	17 30	8 19		n.a.
S 17	22 33	18 55	4 9	24 14	0 33	24 0	1 8	22 28	1 6	15 46	1 14	11 43	1 56	0 46	0 37	0 17	2 3	33 19	14 46	17 51	17 29	8 16		n.a.
M18	22 25	16 37	4 40	24 25	0 41	23 52	1 9	22 19	1 6	15 42	1 14	11 43	1 56	0 46	0 37	0 16	2 3	33 20	14 46	17 48	17 28	8 14		n.a.
T 19	22 16	13 38	4 58	24 34	0 48	23 44	1 10	22 10	1 6	15 37	1 14	11 44	1 55	0 47	0 37	0 16	2 3	33 20	14 46	17 45	17 27	8 12		n.a.
W20	22 7	10 7	5 3	24 43	0 55	23 34	1 12	22 0	1 6	15 33	1 14	11 44	1 55	0 48	0 37	0 16	2 3	33 21	14 46	17 42	17 26	8 10		n.a.
T 21	21 57	6 14	4 55	24 51	1 2	23 24	1 13	21 50	1 6	15 28	1 14	11 45	1 55	0 48	0 37	0 16	2 3	33 22	14 46	17 38	17 25	8 8		n.a.
F 22	21 47	2 7	4 34	24 57	1 8	23 14	1 14	21 40	1 6	15 24	1 14	11 45	1 54	0 49	0 37	0 16	2 3	33 22	14 47	17 36	17 24	8 6		n.a.
S 23	21 36	2s 5	4 1	25 2	1 14	23 2	1 15	21 30	1 6	15 19	1 14	11 46	1 54	0 50	0 37	0 16	2 3	33 23	14 47	17 34	17 23	8 4		n.a.
S 24	21 26	6 14	3 17	25 5	1 20	22 50	1 16	21 20	1 5	15 15	1 14	11 46	1 54	0 50	0 37	0 16	2 3	33 23	14 47	17 33	17 22	8 1		n.a.
M25	21 14	10 12	2 24	25 8	1 26	22 37	1 17	21 9	1 5	15 10	1 14	11 47	1 53	0 51	0 37	0 15	2 3	33 24	14 47	17 33	17 22	7 59		n.a.
T 26	21 3	13 50	1 23	25 8	1 31	22 24	1 18	20 58	1 5	15 5	1 14	11 48	1 53	0 52	0 37	0 15	2 4	33 25	14 47	17 33	17 21	7 57		n.a.
W27	20 50	16 55	0 16	25 8	1 36	22 10	1 19	20 47	1 5	15 1	1 14	11 48	1 53	0 53	0 37	0 15	2 4	33 25	14 47	17 33	17 20	7 55		n.a.
T 28	20 38	19 14	0n53	25 6	1 41	21 55	1 20	20 36	1 5	14 56	1 13	11 49	1 53	0 54	0 37	0 15	2 4	33 26	14 47	17 33	17 19	7 53		n.a.
F 29	20 25	20 33	2 2	25 2	1 45	21 39	1 21	20 24	1 5	14 51	1 13	11 50	1 52	0 54	0 37	0 15	2 4	33 26	14 48	17 32	17 18	7 51		n.a.
S 30	20 12	20 40	3 6	24 56	1 49	21 23	1 21	20 13	1 5	14 47	1 13	11 51	1 52	0 55	0 37	0 14	2 4	33 27	14 48	17 31	17 17	7 49		n.a.
S 31	19s58	19s25	3n59	24s49	1s52	21s 6	1s22	20s 1	1s 4	14s42	1s13	11n52	1s52	0n56	0s37	0s14	2n 4	33n27	14n48	17s29	17s16	7n46		n.a.

Julian Day Number = 1355077.5, Delta T = 07h03m54s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'21, Lahiri = -17°48'20 Julian Calendar 1 Jan. 1003 BCE == Greg. Calendar 22 Dec. 1004 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

FEBRUARY 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 5 7	3♒12'35	25♉27	16♉31	4♒19	7♒ 8	24♒46	5♉41	3♈44	5°R16	5°R31	17°R54	17♏16	27♌38	n.a.	M 1
T 2	8 9 4	4°12'26	10♒38	18° 9	5°34	7°55	25° 0	5°43	3°46	5♎15	5♌29	17♏43	17°13	27°44	n.a.	T 2
W 3	8 13 1	5°12'15	25°52	19°49	6°48	8°41	25°14	5°45	3°48	5°15	5°28	17°32	17°10	27°51	n.a.	W 3
T 4	8 16 57	6°12'01	10♓59	21°31	8° 3	9°28	25°28	5°48	3°50	5°14	5°26	17°22	17° 7	27°58	n.a.	T 4
F 5	8 20 54	7°11'45	25°50	23°13	9°18	10°14	25°42	5°50	3°53	5°13	5°24	17°15	17° 4	28° 4	n.a.	F 5
S 6	8 24 50	8°11'27	10♈17	24°56	10°32	11° 1	25°56	5°52	3°55	5°13	5°23	17°10	17° 0	28°11	n.a.	S 6
S 7	8 28 47	9°11'06	24°19	26°41	11°47	11°47	26°10	5°55	3°57	5°12	5°21	17° 8	16°57	28°18	n.a.	S 7
M 8	8 32 43	10°10'43	7♉56	28°27	13° 1	12°33	26°24	5°57	3°59	5°11	5°20	17° 7	16°54	28°25	n.a.	M 8
T 9	8 36 40	11°10'17	21° 8	0♒14	14°16	13°20	26°38	6° 0	4° 2	5°10	5°18	17° 7	16°51	28°31	n.a.	T 9
W10	8 40 36	12° 9'49	4♊ 1	2° 2	15°30	14° 6	26°52	6° 3	4° 4	5°10	5°16	17° 6	16°48	28°38	n.a.	W10
T 11	8 44 33	13° 9'18	16°37	3°52	16°45	14°52	27° 6	6° 6	4° 7	5° 9	5°15	17° 4	16°45	28°45	n.a.	T 11
F 12	8 48 29	14° 8'46	29° 0	5°43	17°59	15°38	27°21	6° 9	4° 9	5° 8	5°13	16°58	16°41	28°51	n.a.	F 12
S 13	8 52 26	15° 8'10	11♋13	7°35	19°14	16°24	27°35	6°12	4°12	5° 7	5°12	16°50	16°38	28°58	n.a.	S 13
S 14	8 56 23	16° 7'33	23°19	9°28	20°28	17°11	27°49	6°15	4°14	5° 6	5°10	16°39	16°35	29° 5	n.a.	S 14
M15	9 0 19	17° 6'53	5♌19	11°22	21°43	17°57	28° 3	6°18	4°17	5° 5	5° 9	16°26	16°32	29°12	n.a.	M15
T 16	9 4 16	18° 6'11	17°16	13°18	22°57	18°43	28°18	6°22	4°19	5° 4	5° 7	16°11	16°29	29°18	n.a.	T 16
W17	9 8 12	19° 5'26	29° 9	15°15	24°12	19°29	28°32	6°25	4°22	5° 3	5° 6	15°57	16°25	29°25	n.a.	W17
T 18	9 12 9	20° 4'40	11♍ 1	17°13	25°26	20°14	28°46	6°29	4°25	5° 2	5° 4	15°44	16°22	29°32	n.a.	T 18
F 19	9 16 5	21° 3'51	22°54	19°13	26°40	21° 0	29° 1	6°33	4°27	5° 1	5° 2	15°32	16°19	29°39	n.a.	F 19
S 20	9 20 2	22° 3'00	4♎48	21°13	27°55	21°46	29°15	6°36	4°30	5° 0	5° 1	15°24	16°16	29°45	n.a.	S 20
S 21	9 23 58	23° 2'08	16°47	23°14	29° 9	22°32	29°29	6°40	4°33	4°59	4°59	15°19	16°13	29°52	n.a.	S 21
M22	9 27 55	24° 1'13	28°56	25°16	0♓23	23°18	29°44	6°44	4°36	4°58	4°58	15°16	16°10	29°59	n.a.	M22
T 23	9 31 51	25° 0'16	11♏17	27°19	1°38	24° 3	29°58	6°48	4°38	4°57	4°56	15°D15	16° 6	0♍ 5	n.a.	T 23
W24	9 35 48	25°59'18	23°56	29°22	2°52	24°49	0♓12	6°52	4°41	4°56	4°55	15°R15	16° 3	0°12	n.a.	W24
T 25	9 39 45	26°58'18	6♐57	1♓26	4° 6	25°35	0°27	6°57	4°44	4°54	4°54	15°15	16° 0	0°19	n.a.	T 25
F 26	9 43 41	27°57'16	20°25	3°30	5°20	26°20	0°41	7° 1	4°47	4°53	4°52	15°13	15°57	0°26	n.a.	F 26
S 27	9 47 38	28°56'12	4♑22	5°34	6°35	27° 6	0°56	7° 6	4°50	4°52	4°51	15° 9	15°54	0°32	n.a.	S 27
S 28	9 51 34	29♒55'06	18♑48	7♓38	7♓49	27♒51	1♓10	7♉10	4♈53	4♎51	4♌49	15♏ 2	15♏51	0♍39	n.a.	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	19s45	16s49	4n38	24s41	1s55	20s49	1s23	19s49	1s 4	14s37	1s13	11n52	1s51	0n57	0s37	0s14	2n 4	33n28	14n48	17s26	17s15	7n44		n.a.
T 2	19 30	13 3	4 59	24 30	1 58	20 31	1 23	19 36	1 4	14 32	1 13	11 53	1 51	0 58	0 37	0 14	2 4	33 28	14 48	17 23	17 14	7 42		n.a.
W 3	19 16	8 26	4 58	24 18	2 0	20 13	1 24	19 24	1 4	14 27	1 13	11 54	1 51	0 59	0 37	0 13	2 4	33 29	14 48	17 20	17 13	7 40		n.a.
T 4	19 1	3 19	4 36	24 4	2 2	19 54	1 24	19 11	1 4	14 23	1 13	11 55	1 51	0 59	0 37	0 13	2 4	33 29	14 48	17 17	17 12	7 38		n.a.
F 5	18 46	1n55	3 56	23 49	2 4	19 34	1 25	18 58	1 3	14 18	1 13	11 56	1 50	1 0	0 37	0 13	2 4	33 30	14 48	17 15	17 12	7 36		n.a.
S 6	18 30	6 55	3 2	23 31	2 5	19 14	1 25	18 45	1 3	14 13	1 13	11 57	1 50	1 1	0 37	0 12	2 4	33 30	14 48	17 13	17 11	7 33		n.a.
S 7	18 14	11 23	1 57	23 12	2 5	18 53	1 25	18 32	1 3	14 8	1 13	11 59	1 50	1 2	0 37	0 12	2 4	33 31	14 48	17 13	17 10	7 31		n.a.
M 8	17 58	15 8	0 48	22 50	2 5	18 32	1 25	18 18	1 3	14 3	1 13	12 0	1 50	1 3	0 37	0 12	2 4	33 31	14 48	17 12	17 9	7 29		n.a.
T 9	17 42	17 59	0s21	22 27	2 5	18 10	1 25	18 5	1 3	13 58	1 13	12 1	1 49	1 4	0 36	0 11	2 4	33 32	14 48	17 12	17 8	7 27		n.a.
W10	17 25	19 50	1 28	22 2	2 4	17 48	1 25	17 51	1 2	13 53	1 13	12 2	1 49	1 5	0 36	0 11	2 4	33 32	14 48	17 12	17 7	7 25		n.a.
T 11	17 8	20 39	2 29	21 35	2 3	17 25	1 25	17 37	1 2	13 48	1 13	12 3	1 49	1 6	0 36	0 10	2 5	33 33	14 48	17 12	17 6	7 23		n.a.
F 12	16 50	20 27	3 22	21 6	2 1	17 2	1 25	17 23	1 2	13 43	1 13	12 4	1 48	1 7	0 36	0 10	2 5	33 33	14 48	17 10	17 5	7 20		n.a.
S 13	16 33	19 16	4 4	20 35	1 59	16 38	1 25	17 9	1 2	13 38	1 13	12 6	1 48	1 8	0 36	0 10	2 5	33 33	14 48	17 8	17 4	7 18		n.a.
S 14	16 15	17 14	4 35	20 1	1 56	16 14	1 25	16 54	1 1	13 33	1 13	12 7	1 48	1 9	0 36	0 9	2 5	33 34	14 48	17 4	17 3	7 16		n.a.
M15	15 57	14 29	4 54	19 26	1 53	15 49	1 25	16 40	1 1	13 28	1 13	12 8	1 48	1 10	0 36	0 9	2 5	33 34	14 48	17 1	17 2	7 14		n.a.
T 16	15 39	11 9	4 59	18 49	1 49	15 24	1 24	16 25	1 1	13 23	1 13	12 10	1 47	1 11	0 36	0 8	2 5	33 35	14 48	16 56	17 1	7 12		n.a.
W17	15 20	7 24	4 52	18 10	1 44	14 59	1 24	16 10	1 1	13 18	1 13	12 11	1 47	1 12	0 36	0 8	2 5	33 35	14 48	16 52	17 0	7 10		n.a.
T 18	15 1	3 22	4 31	17 29	1 39	14 33	1 23	15 55	1 0	13 13	1 13	12 13	1 47	1 14	0 36	0 8	2 5	33 35	14 48	16 48	17 0	7 8		n.a.
F 19	14 42	0s47	3 59	16 46	1 34	14 7	1 23	15 40	1 0	13 8	1 13	12 14	1 47	1 15	0 36	0 7	2 5	33 36	14 48	16 45	16 59	7 5		n.a.
S 20	14 23	4 56	3 16	16 2	1 27	13 40	1 22	15 25	1 0	13 3	1 13	12 16	1 46	1 16	0 36	0 7	2 5	33 36	14 48	16 42	16 58	7 3		n.a.
S 21	14 3	8 55	2 24	15 15	1 20	13 13	1 22	15 9	0 59	12 58	1 13	12 17	1 46	1 17	0 36	0 6	2 5	33 36	14 48	16 41	16 57	7 1		n.a.
M22	13 43	12 35	1 25	14 27	1 13	12 46	1 21	14 54	0 59	12 52	1 13	12 19	1 46	1 18	0 36	0 6	2 5	33 37	14 48	16 40	16 56	6 59		n.a.
T 23	13 23	15 47	0 21	13 37	1 5	12 18	1 20	14 38	0 59	12 47	1 13	12 20	1 46	1 19	0 36	0 5	2 5	33 37	14 48	16 40	16 55	6 57		n.a.
W24	13 3	18 18	0n46	12 45	0 57	11 50	1 19	14 22	0 59	12 42	1 13	12 22	1 45	1 20	0 36	0 5	2 5	33 37	14 48	16 40	16 54	6 55		n.a.
T 25	12 43	19 58	1 52	11 52	0 48	11 22	1 18	14 6	0 58	12 37	1 13	12 24	1 45	1 22	0 36	0 4	2 5	33 38	14 48	16 40	16 53	6 52		n.a.
F 26	12 22	20 33	2 55	10 58	0 38	10 54	1 17	13 50	0 58	12 32	1 13	12 25	1 45	1 23	0 36	0 4	2 5	33 38	14 47	16 39	16 52	6 50		n.a.
S 27	12 1	19 55	3 49	10 3	0 28	10 25	1 16	13 34	0 58	12 27	1 13	12 27	1 45	1 24	0 36	0 3	2 5	33 38	14 47	16 38	16 51	6 48		n.a.
S 28	11s41	18s 0	4n31	9s 7	0s18	9s56	1s15	13s18	0s57	12s21	1s13	12n29	1s44	1n25	0s36	0s 2	2n 5	33n38	14n47	16s36	16s50	6n46		n.a.

Julian Day Number = 1355108.5, Delta T = 07h03m53s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'17, Lahiri = -17°48'16 Julian Calendar 1 Feb. 1003 BCE == Greg. Calendar 22 Jan. 1003 BCE

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

MARCH 1003 BCE (-1002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 55 31	0♓53'58	3♒39	9♓40	9♓ 3	28♒37	1♓24	7♉15	4♈56	4°R50	4°R48	14°R54	15♏47	0♍46	n.a.	M 1
T 2	9 59 27	1°52'48	18°50	11°42	10°17	29°22	1°39	7°19	4°59	4♎48	4♌46	14♏43	15°44	0°52	n.a.	T 2
W 3	10 3 24	2°51'37	4♓10	13°43	11°31	0♓ 7	1°53	7°24	5° 2	4°47	4°45	14°33	15°41	0°59	n.a.	W 3
T 4	10 7 20	3°50'22	19°27	15°42	12°46	0°53	2° 8	7°29	5° 5	4°46	4°44	14°24	15°38	1° 6	n.a.	T 4
F 5	10 11 17	4°49'06	4♈30	17°39	14° 0	1°38	2°22	7°34	5° 8	4°44	4°42	14°16	15°35	1°13	n.a.	F 5
S 6	10 15 13	5°47'48	19°11	19°33	15°14	2°23	2°36	7°39	5°11	4°43	4°41	14°11	15°31	1°19	n.a.	S 6
S 7	10 19 10	6°46'27	3♉25	21°25	16°28	3° 8	2°51	7°44	5°14	4°42	4°40	14° 9	15°28	1°26	n.a.	S 7
M 8	10 23 7	7°45'04	17°11	23°13	17°42	3°53	3° 5	7°49	5°17	4°40	4°38	14°D 9	15°25	1°33	n.a.	M 8
T 9	10 27 3	8°43'38	0♊29	24°59	18°56	4°38	3°19	7°54	5°21	4°39	4°37	14° 9	15°22	1°39	n.a.	T 9
W10	10 31 0	9°42'11	13°24	26°40	20°10	5°23	3°34	8° 0	5°24	4°37	4°36	14°R 9	15°19	1°46	n.a.	W10
T 11	10 34 56	10°40'41	25°58	28°18	21°24	6° 8	3°48	8° 5	5°27	4°36	4°35	14° 8	15°16	1°53	n.a.	T 11
F 12	10 38 53	11°39'08	8♋16	29°51	22°38	6°53	4° 2	8°11	5°30	4°34	4°34	14° 5	15°12	2° 0	n.a.	F 12
S 13	10 42 49	12°37'34	20°23	1♈20	23°52	7°38	4°17	8°16	5°33	4°33	4°32	13°59	15° 9	2° 6	n.a.	S 13
S 14	10 46 46	13°35'57	2♌23	2°45	25° 6	8°23	4°31	8°22	5°37	4°32	4°31	13°51	15° 6	2°13	n.a.	S 14
M15	10 50 42	14°34'18	14°18	4° 5	26°20	9° 8	4°45	8°27	5°40	4°30	4°30	13°41	15° 3	2°20	n.a.	M15
T 16	10 54 39	15°32'37	26°10	5°20	27°34	9°52	5° 0	8°33	5°43	4°29	4°29	13°30	15° 0	2°26	n.a.	T 16
W17	10 58 36	16°30'53	8♍ 2	6°30	28°47	10°37	5°14	8°39	5°47	4°27	4°28	13°19	14°56	2°33	n.a.	W17
T 18	11 2 32	17°29'08	19°55	7°35	0♈ 1	11°22	5°28	8°45	5°50	4°25	4°27	13° 9	14°53	2°40	n.a.	T 18
F 19	11 6 29	18°27'21	1♎51	8°34	1°15	12° 6	5°42	8°51	5°53	4°24	4°26	13° 0	14°50	2°47	n.a.	F 19
S 20	11 10 25	19°25'32	13°52	9°29	2°29	12°51	5°56	8°57	5°57	4°22	4°25	12°54	14°47	2°53	n.a.	S 20
S 21	11 14 22	20°23'41	25°59	10°18	3°42	13°35	6°10	9° 3	6° 0	4°21	4°24	12°50	14°44	3° 0	n.a.	S 21
M22	11 18 18	21°21'49	8♏15	11° 2	4°56	14°19	6°25	9° 9	6° 3	4°19	4°23	12°D49	14°41	3° 7	n.a.	M22
T 23	11 22 15	22°19'55	20°42	11°40	6°10	15° 4	6°39	9°15	6° 7	4°18	4°22	12°49	14°37	3°13	n.a.	T 23
W24	11 26 11	23°17'59	3♐25	12°13	7°24	15°48	6°53	9°21	6°10	4°16	4°21	12°50	14°34	3°20	n.a.	W24
T 25	11 30 8	24°16'02	16°27	12°41	8°37	16°32	7° 7	9°28	6°13	4°14	4°20	12°51	14°31	3°27	n.a.	T 25
F 26	11 34 4	25°14'04	29°51	13° 2	9°51	17°16	7°21	9°34	6°17	4°13	4°19	12°R51	14°28	3°34	n.a.	F 26
S 27	11 38 1	26°12'04	13♑39	13°19	11° 5	18° 1	7°35	9°41	6°20	4°11	4°18	12°50	14°25	3°40	n.a.	S 27
S 28	11 41 58	27°10'02	27°53	13°30	12°18	18°45	7°49	9°47	6°24	4°10	4°17	12°47	14°22	3°47	n.a.	S 28
M29	11 45 54	28° 7'59	12♒31	13°36	13°32	19°29	8° 3	9°54	6°27	4° 8	4°16	12°42	14°18	3°54	n.a.	M29
T 30	11 49 51	29° 5'55	27°27	13°R36	14°45	20°13	8°17	10° 0	6°30	4° 6	4°16	12°36	14°15	4° 1	n.a.	T 30
W31	11 53 47	0♈ 3'49	12♓34	13♈31	15♈59	20♓57	8♓30	10♉ 7	6♈34	4♎ 5	4♌15	12♏29	14♏12	4♍ 7	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	11s19	14s51	4n56	8s10	0s 7	9s26	1s14	13s 2	0s57	12s16	1s13	12n30	1s44	1n26	0s36	0s 2	2n 5	33n39	14n47	16s33	16s49	6n44			n.a.
T 2	10 58	10 39	5 1	7 13	0n 4	8 57	1 13	12 45	0 57	12 11	1 13	12 32	1 44	1 28	0 36	0 1	2 6	33 39	14 47	16 30	16 48	6 42			n.a.
W 3	10 37	5 44	4 44	6 16	0 16	8 27	1 12	12 29	0 56	12 6	1 13	12 34	1 44	1 29	0 36	0 1	2 6	33 39	14 47	16 27	16 47	6 39			n.a.
T 4	10 15	0 27	4 8	5 18	0 27	7 57	1 10	12 12	0 56	12 1	1 13	12 36	1 43	1 30	0 36	0 0	2 6	33 39	14 47	16 24	16 47	6 37			n.a.
F 5	9 54	4n46	3 14	4 22	0 39	7 27	1 9	11 55	0 56	11 55	1 13	12 38	1 43	1 31	0 36	0n 0	2 6	33 39	14 46	16 22	16 46	6 35			n.a.
S 6	9 32	9 36	2 9	3 25	0 51	6 57	1 8	11 39	0 55	11 50	1 13	12 39	1 43	1 33	0 36	0 1	2 6	33 40	14 46	16 21	16 45	6 33			n.a.
S 7	9 10	13 44	0 57	2 30	1 3	6 26	1 6	11 22	0 55	11 45	1 13	12 41	1 43	1 34	0 36	0 1	2 6	33 40	14 46	16 20	16 44	6 31			n.a.
M 8	8 48	16 58	0s16	1 36	1 14	5 55	1 5	11 5	0 54	11 40	1 13	12 43	1 42	1 35	0 36	0 2	2 6	33 40	14 46	16 20	16 43	6 29			n.a.
T 9	8 25	19 10	1 26	0 43	1 25	5 24	1 3	10 48	0 54	11 34	1 13	12 45	1 42	1 37	0 36	0 3	2 6	33 40	14 46	16 20	16 42	6 26			n.a.
W10	8 3	20 18	2 29	0n 8	1 37	4 53	1 1	10 31	0 54	11 29	1 13	12 47	1 42	1 38	0 36	0 3	2 6	33 40	14 45	16 20	16 41	6 24			n.a.
T 11	7 41	20 22	3 23	0 57	1 47	4 22	1 0	10 13	0 53	11 24	1 13	12 49	1 42	1 39	0 36	0 4	2 6	33 40	14 45	16 20	16 40	6 22			n.a.
F 12	7 18	19 26	4 7	1 44	1 58	3 51	0 58	9 56	0 53	11 19	1 13	12 51	1 42	1 40	0 36	0 5	2 6	33 41	14 45	16 19	16 39	6 20			n.a.
S 13	6 55	17 39	4 39	2 29	2 7	3 20	0 56	9 39	0 52	11 13	1 13	12 53	1 41	1 42	0 36	0 5	2 6	33 41	14 45	16 17	16 38	6 18			n.a.
S 14	6 33	15 6	4 58	3 12	2 17	2 48	0 54	9 21	0 52	11 8	1 13	12 55	1 41	1 43	0 36	0 6	2 6	33 41	14 45	16 15	16 37	6 16			n.a.
M15	6 10	11 57	5 4	3 52	2 25	2 17	0 52	9 4	0 52	11 3	1 13	12 57	1 41	1 44	0 36	0 6	2 6	33 41	14 44	16 12	16 36	6 14			n.a.
T 16	5 47	8 21	4 57	4 29	2 33	1 45	0 51	8 47	0 51	10 58	1 13	12 59	1 41	1 46	0 36	0 7	2 6	33 41	14 44	16 8	16 35	6 11			n.a.
W17	5 24	4 25	4 36	5 4	2 40	1 14	0 49	8 29	0 51	10 52	1 13	13 1	1 40	1 47	0 36	0 8	2 6	33 41	14 44	16 5	16 34	6 9			n.a.
T 18	5 1	0 19	4 4	5 35	2 46	0 42	0 47	8 11	0 50	10 47	1 13	13 3	1 40	1 48	0 36	0 8	2 6	33 41	14 44	16 2	16 33	6 7			n.a.
F 19	4 38	3s49	3 21	6 4	2 52	0 11	0 45	7 54	0 50	10 42	1 13	13 6	1 40	1 50	0 36	0 9	2 6	33 41	14 43	15 59	16 32	6 5			n.a.
S 20	4 15	7 50	2 29	6 30	2 56	0n21	0 43	7 36	0 50	10 36	1 13	13 8	1 40	1 51	0 36	0 10	2 6	33 41	14 43	15 57	16 31	6 3			n.a.
S 21	3 52	11 34	1 29	6 53	3 0	0 53	0 40	7 18	0 49	10 31	1 13	13 10	1 40	1 52	0 36	0 10	2 6	33 41	14 43	15 56	16 30	6 1			n.a.
M22	3 29	14 52	0 25	7 13	3 2	1 24	0 38	7 1	0 49	10 26	1 13	13 12	1 39	1 54	0 36	0 11	2 6	33 41	14 43	15 56	16 30	5 58			n.a.
T 23	3 5	17 32	0n42	7 30	3 4	1 56	0 36	6 43	0 48	10 21	1 13	13 14	1 39	1 55	0 36	0 12	2 6	33 41	14 42	15 56	16 29	5 56			n.a.
W24	2 42	19 23	1 49	7 43	3 4	2 28	0 34	6 25	0 48	10 15	1 14	13 16	1 39	1 57	0 36	0 12	2 6	33 41	14 42	15 56	16 28	5 54			n.a.
T 25	2 19	20 16	2 51	7 53	3 3	2 59	0 32	6 7	0 47	10 10	1 14	13 19	1 39	1 58	0 36	0 13	2 6	33 41	14 42	15 56	16 27	5 52			n.a.
F 26	1 55	20 3	3 46	8 0	3 1	3 31	0 29	5 49	0 47	10 5	1 14	13 21	1 39	1 59	0 36	0 13	2 6	33 41	14 41	15 56	16 26	5 50			n.a.
S 27	1 32	18 38	4 30	8 4	2 58	4 2	0 27	5 31	0 46	10 0	1 14	13 23	1 38	2 1	0 36	0 14	2 6	33 41	14 41	15 56	16 25	5 48			n.a.
S 28	1 9	16 2	4 58	8 4	2 54	4 33	0 25	5 13	0 46	9 54	1 14	13 25	1 38	2 2	0 35	0 15	2 6	33 41	14 41	15 55	16 24	5 45			n.a.
M29	0 45	12 23	5 9	8 1	2 48	5 5	0 22	4 55	0 46	9 49	1 14	13 28	1 38	2 3	0 35	0 15	2 6	33 41	14 41	15 53	16 23	5 43			n.a.
T 30	0 22	7 53	4 58	7 55	2 41	5 36	0 20	4 38	0 45	9 44	1 14	13 30	1 38	2 5	0 35	0 16	2 6	33 41	14 40	15 51	16 22	5 41			n.a.
W31	0n 2	2s50	4n28	7n46	2n33	6n 7	0s17	4s20	0s45	9s39	1s14	13n32	1s38	2n 6	0s35	0n17	2n 6	33n41	14n40	15s49	16s21	5n39			n.a.

Julian Day Number = 1355136.5, Delta T = 07h03m51s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'13, Lahiri = -17°48'12 Julian Calendar 1 March 1003 BCE == Greg. Calendar 19 Feb. 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

APRIL 1003 BCE (-1002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	11 57 44	1♈ 1'41	27♓43	13°R22	17♈12	21♓40	8♓44	10♉14	6♈37	4°R 3	4°R14	12°R23	14♏ 9	4♍14	n.a.	T 1
F 2	12 1 40	1°59'32	12♈44	13♈ 8	18°26	22°24	8°58	10°20	6°41	4♎ 2	4♌13	12♏19	14° 6	4°21	n.a.	F 2
S 3	12 5 37	2°57'21	27°27	12°49	19°39	23° 8	9°12	10°27	6°44	4° 0	4°13	12°16	14° 2	4°27	n.a.	S 3
S 4	12 9 33	3°55'09	11♉46	12°27	20°53	23°52	9°26	10°34	6°48	3°58	4°12	12°D15	13°59	4°34	n.a.	S 4
M 5	12 13 30	4°52'54	25°39	12° 1	22° 6	24°35	9°39	10°41	6°51	3°57	4°12	12°16	13°56	4°41	n.a.	M 5
T 6	12 17 27	5°50'38	9♊ 5	11°32	23°20	25°19	9°53	10°48	6°55	3°55	4°11	12°17	13°53	4°48	n.a.	T 6
W 7	12 21 23	6°48'21	22° 5	11° 1	24°33	26° 3	10° 6	10°55	6°58	3°53	4°10	12°19	13°50	4°54	n.a.	W 7
T 8	12 25 20	7°46'01	4♋43	10°28	25°46	26°46	10°20	11° 2	7° 2	3°52	4°10	12°R20	13°47	5° 1	n.a.	T 8
F 9	12 29 16	8°43'40	17° 3	9°53	27° 0	27°30	10°33	11° 9	7° 5	3°50	4° 9	12°19	13°43	5° 8	n.a.	F 9
S 10	12 33 13	9°41'17	29°10	9°18	28°13	28°13	10°47	11°16	7° 8	3°49	4° 9	12°18	13°40	5°14	n.a.	S 10
S 11	12 37 9	10°38'52	11♌ 8	8°42	29°26	28°56	11° 0	11°23	7°12	3°47	4° 8	12°15	13°37	5°21	n.a.	S 11
M12	12 41 6	11°36'26	23° 1	8° 7	0♉39	29°40	11°14	11°30	7°15	3°45	4° 8	12°10	13°34	5°28	n.a.	M12
T 13	12 45 2	12°33'58	4♍53	7°34	1°53	0♈23	11°27	11°38	7°19	3°44	4° 8	12° 5	13°31	5°35	n.a.	T 13
W14	12 48 59	13°31'29	16°46	7° 1	3° 6	1° 6	11°40	11°45	7°22	3°42	4° 7	12° 0	13°27	5°41	n.a.	W14
T 15	12 52 55	14°28'58	28°43	6°32	4°19	1°49	11°53	11°52	7°26	3°41	4° 7	11°56	13°24	5°48	n.a.	T 15
F 16	12 56 52	15°26'26	10♎45	6° 4	5°32	2°32	12° 6	12° 0	7°29	3°39	4° 7	11°52	13°21	5°55	n.a.	F 16
S 17	13 0 49	16°23'53	22°56	5°40	6°45	3°15	12°20	12° 7	7°33	3°37	4° 6	11°49	13°18	6° 1	n.a.	S 17
S 18	13 4 45	17°21'18	5♏16	5°19	7°58	3°58	12°33	12°14	7°36	3°36	4° 6	11°48	13°15	6° 8	n.a.	S 18
M19	13 8 42	18°18'43	17°46	5° 3	9°11	4°41	12°46	12°22	7°39	3°34	4° 6	11°D48	13°12	6°15	n.a.	M19
T 20	13 12 38	19°16'06	0♐28	4°50	10°24	5°24	12°58	12°29	7°43	3°33	4° 6	11°49	13° 8	6°21	n.a.	T 20
W21	13 16 35	20°13'29	13°24	4°41	11°37	6° 7	13°11	12°37	7°46	3°31	4° 6	11°50	13° 5	6°28	n.a.	W21
T 22	13 20 31	21°10'50	26°36	4°D37	12°50	6°49	13°24	12°44	7°50	3°30	4° 6	11°52	13° 2	6°35	n.a.	T 22
F 23	13 24 28	22° 8'11	10♑ 5	4°37	14° 3	7°32	13°37	12°52	7°53	3°28	4° 6	11°53	12°59	6°42	n.a.	F 23
S 24	13 28 24	23° 5'32	23°52	4°42	15°16	8°15	13°49	12°59	7°56	3°27	4° 6	11°R53	12°56	6°48	n.a.	S 24
S 25	13 32 21	24° 2'51	7♒57	4°51	16°29	8°57	14° 2	13° 7	8° 0	3°25	4°D 6	11°53	12°53	6°55	n.a.	S 25
M26	13 36 18	25° 0'10	22°20	5° 4	17°42	9°40	14°15	13°15	8° 3	3°24	4° 6	11°52	12°49	7° 2	n.a.	M26
T 27	13 40 14	25°57'28	6♓56	5°22	18°55	10°22	14°27	13°22	8° 6	3°22	4° 6	11°50	12°46	7° 8	n.a.	T 27
W28	13 44 11	26°54'45	21°41	5°45	20° 8	11° 5	14°39	13°30	8°10	3°21	4° 6	11°48	12°43	7°15	n.a.	W28
T 29	13 48 7	27°52'02	6♈28	6°12	21°20	11°47	14°52	13°38	8°13	3°19	4° 6	11°46	12°40	7°22	n.a.	T 29
F 30	13 52 4	28♈49'18	21♈10	6♈43	22♉33	12♈29	15♓ 4	13♉45	8♈16	3♎18	4♌ 6	11♏45	12♏37	7♍29	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	0n25	2n24	3n38	7n34	2n24	6n38	0s15	4s 2	0s44	9s34	1s14	13n34	1s38	2n 8	0s35	0n17	2n 6	33n40	14n40	15s48	16s20	5n37		n.a.
F 2	0 48	7 27	2 33	7 18	2 14	7 8	0 13	3 44	0 44	9 28	1 14	13 37	1 37	2 9	0 35	0 18	2 6	33 40	14 39	15 46	16 19	5 35		n.a.
S 3	1 12	11 58	1 20	7 0	2 2	7 39	0 10	3 26	0 43	9 23	1 14	13 39	1 37	2 10	0 35	0 19	2 6	33 40	14 39	15 46	16 18	5 32		n.a.
S 4	1 35	15 39	0 3	6 40	1 49	8 9	0 8	3 8	0 43	9 18	1 14	13 41	1 37	2 12	0 35	0 19	2 6	33 40	14 39	15 45	16 17	5 30		n.a.
M 5	1 58	18 18	1s12	6 17	1 36	8 40	0 5	2 50	0 42	9 13	1 14	13 44	1 37	2 13	0 35	0 20	2 6	33 40	14 38	15 45	16 16	5 28		n.a.
T 6	2 21	19 50	2 21	5 52	1 21	9 10	0 3	2 32	0 42	9 8	1 15	13 46	1 37	2 15	0 35	0 21	2 6	33 40	14 38	15 46	16 15	5 26		n.a.
W 7	2 45	20 15	3 20	5 26	1 6	9 39	0 0	2 14	0 41	9 3	1 15	13 48	1 37	2 16	0 35	0 21	2 6	33 39	14 38	15 46	16 14	5 24		n.a.
T 8	3 8	19 36	4 8	4 58	0 50	10 9	0n 3	1 56	0 41	8 58	1 15	13 51	1 36	2 17	0 35	0 22	2 6	33 39	14 37	15 47	16 13	5 22		n.a.
F 9	3 31	18 2	4 42	4 29	0 33	10 38	0 5	1 38	0 40	8 53	1 15	13 53	1 36	2 19	0 35	0 23	2 6	33 39	14 37	15 46	16 12	5 19		n.a.
S 10	3 54	15 41	5 4	3 59	0 16	11 7	0 8	1 20	0 40	8 47	1 15	13 55	1 36	2 20	0 35	0 23	2 6	33 39	14 37	15 46	16 11	5 17		n.a.
S 11	4 17	12 42	5 12	3 30	0s 1	11 36	0 10	1 2	0 39	8 42	1 15	13 58	1 36	2 22	0 35	0 24	2 6	33 39	14 36	15 45	16 10	5 15		n.a.
M12	4 40	9 14	5 7	3 0	0 18	12 5	0 13	0 44	0 39	8 37	1 15	14 0	1 36	2 23	0 35	0 25	2 6	33 38	14 36	15 44	16 9	5 13		n.a.
T 13	5 2	5 25	4 48	2 31	0 35	12 33	0 15	0 26	0 38	8 32	1 15	14 3	1 36	2 24	0 35	0 25	2 6	33 38	14 35	15 42	16 8	5 11		n.a.
W14	5 25	1 22	4 17	2 3	0 51	13 1	0 18	0 8	0 38	8 27	1 15	14 5	1 35	2 26	0 35	0 26	2 6	33 38	14 35	15 41	16 7	5 9		n.a.
T 15	5 48	2s45	3 35	1 36	1 7	13 29	0 21	0n10	0 37	8 22	1 16	14 7	1 35	2 27	0 35	0 27	2 6	33 38	14 35	15 39	16 6	5 7		n.a.
F 16	6 10	6 48	2 42	1 11	1 23	13 56	0 23	0 28	0 37	8 17	1 16	14 10	1 35	2 29	0 35	0 27	2 6	33 37	14 34	15 38	16 5	5 4		n.a.
S 17	6 33	10 37	1 42	0 47	1 38	14 23	0 26	0 46	0 36	8 12	1 16	14 12	1 35	2 30	0 35	0 28	2 6	33 37	14 34	15 37	16 5	5 2		n.a.
S 18	6 55	14 3	0 36	0 26	1 52	14 50	0 28	1 3	0 36	8 7	1 16	14 15	1 35	2 31	0 35	0 28	2 6	33 37	14 34	15 37	16 4	5 0		n.a.
M19	7 17	16 52	0n33	0 7	2 6	15 16	0 31	1 21	0 35	8 2	1 16	14 17	1 35	2 33	0 35	0 29	2 6	33 36	14 33	15 37	16 3	4 58		n.a.
T 20	7 39	18 55	1 41	0s10	2 18	15 42	0 33	1 39	0 35	7 57	1 16	14 19	1 35	2 34	0 35	0 30	2 6	33 36	14 33	15 37	16 2	4 56		n.a.
W21	8 1	20 2	2 45	0 24	2 30	16 7	0 36	1 57	0 34	7 53	1 16	14 22	1 35	2 35	0 35	0 30	2 6	33 36	14 32	15 37	16 1	4 54		n.a.
T 22	8 23	20 4	3 42	0 35	2 40	16 33	0 38	2 14	0 33	7 48	1 16	14 24	1 34	2 37	0 35	0 31	2 6	33 35	14 32	15 38	16 0	4 51		n.a.
F 23	8 45	18 58	4 28	0 44	2 50	16 57	0 41	2 32	0 33	7 43	1 17	14 27	1 34	2 38	0 35	0 31	2 6	33 35	14 32	15 38	15 59	4 49		n.a.
S 24	9 7	16 44	5 0	0 49	2 58	17 22	0 43	2 49	0 32	7 38	1 17	14 29	1 34	2 39	0 35	0 32	2 6	33 35	14 31	15 38	15 58	4 47		n.a.
S 25	9 28	13 30	5 15	0 52	3 5	17 45	0 46	3 7	0 32	7 33	1 17	14 32	1 34	2 41	0 35	0 33	2 6	33 34	14 31	15 38	15 57	4 45		n.a.
M26	9 50	9 24	5 10	0 53	3 12	18 9	0 48	3 24	0 31	7 28	1 17	14 34	1 34	2 42	0 35	0 33	2 6	33 34	14 31	15 38	15 56	4 43		n.a.
T 27	10 11	4 41	4 46	0 50	3 17	18 32	0 51	3 42	0 31	7 24	1 17	14 37	1 34	2 43	0 35	0 34	2 6	33 34	14 30	15 37	15 55	4 41		n.a.
W28	10 32	0n21	4 3	0 45	3 21	18 54	0 53	3 59	0 30	7 19	1 17	14 39	1 34	2 45	0 35	0 34	2 6	33 33	14 30	15 37	15 54	4 38		n.a.
T 29	10 53	5 24	3 3	0 38	3 25	19 16	0 56	4 17	0 30	7 14	1 17	14 41	1 34	2 46	0 35	0 35	2 6	33 33	14 29	15 36	15 53	4 36		n.a.
F 30	11n13	10n 6	1n51	0s27	3s27	19n38	0n58	4n34	0s29	7s10	1s17	14n44	1s33	2n47	0s35	0n35	2n 6	33n32	14n29	15s36	15s52	4n34		n.a.

Julian Day Number = 1355167.5, Delta T = 07h03m50s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'09, Lahiri = -17°48'08 Julian Calendar 1 Apr. 1003 BCE == Greg. Calendar 22 March 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

MAY 1003 BCE (-1002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 56 0	29♈46'33	5♉41	7♈18	23♉46	13♈12	15♓16	13♉53	8♈20	3°R16	4♌ 6	11°D45	12♏33	7♑35	n.a.	S 1
S 2	13 59 57	0♉43'48	19°53	7°58	24°59	13°54	15°28	14° 1	8°23	3♎15	4° 6	11♏45	12°30	7°42	n.a.	S 2
M 3	14 3 53	1°41'01	3♊44	8°41	26°11	14°36	15°40	14° 9	8°26	3°13	4° 7	11°45	12°27	7°49	n.a.	M 3
T 4	14 7 50	2°38'14	17°11	9°28	27°24	15°18	15°52	14°16	8°29	3°12	4° 7	11°46	12°24	7°55	n.a.	T 4
W 5	14 11 47	3°35'26	0♋14	10°19	28°37	16° 0	16° 4	14°24	8°33	3°11	4° 7	11°47	12°21	8° 2	n.a.	W 5
T 6	14 15 43	4°32'37	12°56	11°14	29°49	16°42	16°16	14°32	8°36	3° 9	4° 7	11°47	12°18	8° 9	n.a.	T 6
F 7	14 19 40	5°29'47	25°20	12°12	1♊ 2	17°24	16°27	14°40	8°39	3° 8	4° 8	11°48	12°14	8°16	n.a.	F 7
S 8	14 23 36	6°26'57	7♌29	13°14	2°15	18° 6	16°39	14°48	8°42	3° 7	4° 8	11°R48	12°11	8°22	n.a.	S 8
S 9	14 27 33	7°24'05	19°28	14°20	3°27	18°48	16°51	14°56	8°45	3° 6	4° 9	11°48	12° 8	8°29	n.a.	S 9
M10	14 31 29	8°21'13	1♍21	15°29	4°40	19°29	17° 2	15° 3	8°48	3° 4	4° 9	11°48	12° 5	8°36	n.a.	M10
T 11	14 35 26	9°18'20	13°13	16°41	5°52	20°11	17°13	15°11	8°52	3° 3	4°10	11°47	12° 2	8°42	n.a.	T 11
W12	14 39 23	10°15'26	25° 8	17°57	7° 4	20°53	17°25	15°19	8°55	3° 2	4°10	11°47	11°58	8°49	n.a.	W12
T 13	14 43 19	11°12'32	7♎ 9	19°16	8°17	21°34	17°36	15°27	8°58	3° 1	4°11	11°47	11°55	8°56	n.a.	T 13
F 14	14 47 16	12° 9'37	19°20	20°38	9°29	22°16	17°47	15°35	9° 1	2°59	4°11	11°D47	11°52	9° 3	n.a.	F 14
S 15	14 51 12	13° 6'42	1♏42	22° 4	10°42	22°57	17°58	15°43	9° 4	2°58	4°12	11°47	11°49	9° 9	n.a.	S 15
S 16	14 55 9	14° 3'46	14°17	23°33	11°54	23°39	18° 9	15°51	9° 7	2°57	4°12	11°R47	11°46	9°16	n.a.	S 16
M17	14 59 5	15° 0'50	27° 7	25° 5	13° 6	24°20	18°19	15°59	9°10	2°56	4°13	11°47	11°43	9°23	n.a.	M17
T 18	15 3 2	15°57'54	10♐10	26°40	14°18	25° 2	18°30	16° 6	9°13	2°55	4°14	11°47	11°39	9°29	n.a.	T 18
W19	15 6 58	16°54'58	23°28	28°18	15°30	25°43	18°41	16°14	9°16	2°54	4°15	11°46	11°36	9°36	n.a.	W19
T 20	15 10 55	17°52'02	7♑ 0	29°59	16°43	26°24	18°51	16°22	9°18	2°53	4°15	11°45	11°33	9°43	n.a.	T 20
F 21	15 14 52	18°49'06	20°44	1♉43	17°55	27° 5	19° 2	16°30	9°21	2°52	4°16	11°45	11°30	9°49	n.a.	F 21
S 22	15 18 48	19°46'10	4♒39	3°30	19° 7	27°46	19°12	16°38	9°24	2°51	4°17	11°44	11°27	9°56	n.a.	S 22
S 23	15 22 45	20°43'14	18°45	5°20	20°19	28°28	19°22	16°46	9°27	2°50	4°18	11°D44	11°24	10° 3	n.a.	S 23
M24	15 26 41	21°40'19	2♓58	7°13	21°31	29° 9	19°32	16°54	9°30	2°49	4°19	11°44	11°20	10°10	n.a.	M24
T 25	15 30 38	22°37'24	17°17	9° 8	22°43	29°50	19°42	17° 2	9°32	2°48	4°19	11°45	11°17	10°16	n.a.	T 25
W26	15 34 34	23°34'29	1♈39	11° 6	23°55	0♉31	19°52	17°10	9°35	2°47	4°20	11°46	11°14	10°23	n.a.	W26
T 27	15 38 31	24°31'34	16° 0	13° 6	25° 7	1°11	20° 2	17°17	9°38	2°46	4°21	11°46	11°11	10°30	n.a.	T 27
F 28	15 42 27	25°28'40	0♉16	15° 9	26°19	1°52	20°11	17°25	9°40	2°45	4°22	11°47	11° 8	10°36	n.a.	F 28
S 29	15 46 24	26°25'46	14°23	17°13	27°31	2°33	20°21	17°33	9°43	2°45	4°23	11°R47	11° 4	10°43	n.a.	S 29
S 30	15 50 21	27°22'53	28°17	19°18	28°42	3°14	20°30	17°41	9°46	2°44	4°24	11°47	11° 1	10°50	n.a.	S 30
M31	15 54 17	28♉19'59	11♊55	21♉25	29♊54	3♉54	20♓39	17♉49	9♈48	2♎43	4♌25	11♏46	10♏58	10♑57	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	11n34	14n 9	0n34	0s14	3s28	19n59	1n 0	4n51	0s28	7s 5	1s18	14n46	1s33	2n49	0s35	0n36	2n 6	33n32	14n29	15s36	15s51	4n32		n.a.
S 2	11 54	17 16	0s45	0n 1	3 29	20 19	1 2	5 8	0 28	7 0	1 18	14 49	1 33	2 50	0 35	0 37	2 6	33 32	14 28	15 36	15 50	4 30		n.a.
M 3	12 15	19 17	1 59	0 18	3 29	20 39	1 5	5 25	0 27	6 56	1 18	14 51	1 33	2 51	0 35	0 37	2 6	33 31	14 28	15 36	15 49	4 28		n.a.
T 4	12 35	20 8	3 4	0 38	3 27	20 58	1 7	5 42	0 27	6 51	1 18	14 54	1 33	2 53	0 35	0 38	2 6	33 31	14 27	15 36	15 48	4 25		n.a.
W 5	12 54	19 51	3 58	1 0	3 25	21 17	1 9	5 59	0 26	6 47	1 18	14 56	1 33	2 54	0 35	0 38	2 6	33 30	14 27	15 36	15 47	4 23		n.a.
T 6	13 14	18 34	4 38	1 25	3 23	21 35	1 11	6 16	0 26	6 42	1 18	14 58	1 33	2 55	0 35	0 39	2 6	33 30	14 27	15 37	15 46	4 21		n.a.
F 7	13 33	16 25	5 4	1 51	3 19	21 53	1 13	6 33	0 25	6 38	1 19	15 1	1 33	2 56	0 35	0 39	2 6	33 29	14 26	15 37	15 45	4 19		n.a.
S 8	13 53	13 36	5 16	2 19	3 15	22 10	1 15	6 50	0 24	6 33	1 19	15 3	1 33	2 58	0 35	0 40	2 6	33 29	14 26	15 37	15 44	4 17		n.a.
S 9	14 12	10 15	5 14	2 50	3 10	22 26	1 17	7 6	0 24	6 29	1 19	15 6	1 33	2 59	0 35	0 40	2 6	33 28	14 25	15 37	15 43	4 15		n.a.
M10	14 31	6 31	4 59	3 22	3 4	22 42	1 19	7 23	0 23	6 25	1 19	15 8	1 32	3 0	0 35	0 41	2 6	33 28	14 25	15 37	15 42	4 13		n.a.
T 11	14 49	2 32	4 31	3 56	2 58	22 57	1 21	7 40	0 23	6 20	1 19	15 10	1 32	3 1	0 35	0 41	2 6	33 27	14 25	15 36	15 41	4 10		n.a.
W12	15 7	1s34	3 51	4 31	2 51	23 12	1 23	7 56	0 22	6 16	1 19	15 13	1 32	3 3	0 35	0 41	2 5	33 27	14 24	15 36	15 40	4 8		n.a.
T 13	15 26	5 38	3 0	5 9	2 43	23 26	1 25	8 12	0 22	6 12	1 20	15 15	1 32	3 4	0 35	0 42	2 5	33 26	14 24	15 36	15 39	4 6		n.a.
F 14	15 43	9 33	2 1	5 47	2 35	23 39	1 27	8 29	0 21	6 7	1 20	15 18	1 32	3 5	0 36	0 42	2 5	33 26	14 24	15 36	15 38	4 4		n.a.
S 15	16 1	13 7	0 56	6 28	2 27	23 51	1 28	8 45	0 20	6 3	1 20	15 20	1 32	3 6	0 36	0 43	2 5	33 25	14 23	15 36	15 37	4 2		n.a.
S 16	16 18	16 9	0n14	7 9	2 18	24 3	1 30	9 1	0 20	5 59	1 20	15 22	1 32	3 7	0 36	0 43	2 5	33 25	14 23	15 36	15 36	4 0		n.a.
M17	16 36	18 27	1 24	7 52	2 8	24 15	1 32	9 17	0 19	5 55	1 20	15 25	1 32	3 9	0 36	0 44	2 5	33 24	14 22	15 36	15 35	3 57		n.a.
T 18	16 52	19 50	2 31	8 36	1 58	24 25	1 33	9 33	0 19	5 51	1 21	15 27	1 32	3 10	0 36	0 44	2 5	33 24	14 22	15 36	15 34	3 55		n.a.
W19	17 9	20 8	3 31	9 21	1 48	24 35	1 35	9 49	0 18	5 47	1 21	15 29	1 32	3 11	0 36	0 44	2 5	33 23	14 22	15 36	15 33	3 53		n.a.
T 20	17 25	19 17	4 20	10 8	1 37	24 44	1 36	10 4	0 17	5 43	1 21	15 32	1 32	3 12	0 36	0 45	2 5	33 23	14 21	15 36	15 32	3 51		n.a.
F 21	17 41	17 19	4 56	10 55	1 26	24 52	1 38	10 20	0 17	5 39	1 21	15 34	1 32	3 13	0 36	0 45	2 5	33 22	14 21	15 36	15 31	3 49		n.a.
S 22	17 57	14 19	5 14	11 42	1 15	25 0	1 39	10 36	0 16	5 35	1 21	15 37	1 32	3 14	0 36	0 45	2 5	33 21	14 21	15 36	15 30	3 47		n.a.
S 23	18 13	10 28	5 14	12 30	1 4	25 7	1 40	10 51	0 15	5 31	1 22	15 39	1 31	3 15	0 36	0 46	2 5	33 21	14 20	15 35	15 29	3 45		n.a.
M24	18 28	5 59	4 55	13 19	0 52	25 13	1 41	11 7	0 15	5 27	1 22	15 41	1 31	3 16	0 36	0 46	2 5	33 20	14 20	15 35	15 28	3 42		n.a.
T 25	18 43	1 9	4 18	14 7	0 41	25 19	1 42	11 22	0 14	5 24	1 22	15 43	1 31	3 18	0 36	0 46	2 5	33 20	14 19	15 36	15 27	3 40		n.a.
W26	18 57	3n47	3 24	14 56	0 29	25 24	1 43	11 37	0 14	5 20	1 22	15 46	1 31	3 19	0 36	0 47	2 5	33 19	14 19	15 36	15 26	3 38		n.a.
T 27	19 12	8 30	2 18	15 44	0 18	25 28	1 44	11 52	0 13	5 16	1 22	15 48	1 31	3 20	0 36	0 47	2 5	33 18	14 19	15 36	15 25	3 36		n.a.
F 28	19 26	12 44	1 3	16 32	0 7	25 31	1 45	12 7	0 12	5 13	1 23	15 50	1 31	3 21	0 36	0 47	2 5	33 18	14 18	15 36	15 24	3 34		n.a.
S 29	19 39	16 11	0s14	17 18	0n 5	25 33	1 46	12 22	0 12	5 9	1 23	15 53	1 31	3 22	0 36	0 48	2 5	33 17	14 18	15 36	15 23	3 32		n.a.
S 30	19 53	18 38	1 30	18 4	0 15	25 35	1 47	12 36	0 11	5 5	1 23	15 55	1 31	3 23	0 36	0 48	2 5	33 17	14 18	15 36	15 22	3 30		n.a.
M31	20n 6	19n57	2s39	18n49	0n26	25n36	1n47	12n51	0s11	5s 2	1s23	15n57	1s31	3n24	0s36	0n48	2n 5	33n16	14n17	15s36	15s21	3n27		n.a.

Julian Day Number = 1355197.5, Delta T = 07h03m48s
Ecliptic obliquity = 23°48'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'05, Lahiri = -17°48'04 Julian Calendar 1 May 1003 BCE == Greg. Calendar 21 Apr. 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

JUNE 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	15 58 14	29♉17'06	25♊14	23♉33	1♋ 6	4♉35	20♓48	17♉57	9♈51	2°R42	4♌27	11°R43	10♏55	11♍ 3	n.a.	T 1
W 2	16 2 10	0♊14'13	8♋14	25°42	2°18	5°16	20°57	18° 4	9°53	2♎42	4°28	11♏41	10°52	11°10	n.a.	W 2
T 3	16 6 7	1°11'20	20°55	27°51	3°29	5°56	21° 6	18°12	9°56	2°41	4°29	11°38	10°49	11°17	n.a.	T 3
F 4	16 10 3	2° 8'27	3♌19	0♊ 1	4°41	6°37	21°15	18°20	9°58	2°40	4°30	11°36	10°45	11°23	n.a.	F 4
S 5	16 14 0	3° 5'35	15°29	2°10	5°52	7°17	21°24	18°28	10° 1	2°40	4°31	11°34	10°42	11°30	n.a.	S 5
S 6	16 17 57	4° 2'42	27°28	4°19	7° 4	7°57	21°32	18°35	10° 3	2°39	4°32	11°33	10°39	11°37	n.a.	S 6
M 7	16 21 53	4°59'49	9♍22	6°27	8°16	8°38	21°41	18°43	10° 5	2°39	4°34	11°D33	10°36	11°43	n.a.	M 7
T 8	16 25 50	5°56'57	21°14	8°35	9°27	9°18	21°49	18°51	10° 8	2°38	4°35	11°33	10°33	11°50	n.a.	T 8
W 9	16 29 46	6°54'05	3♎10	10°41	10°38	9°58	21°57	18°58	10°10	2°37	4°36	11°35	10°30	11°57	n.a.	W 9
T 10	16 33 43	7°51'13	15°14	12°46	11°50	10°38	22° 5	19° 6	10°12	2°37	4°38	11°37	10°26	12° 4	n.a.	T 10
F 11	16 37 39	8°48'22	27°30	14°50	13° 1	11°18	22°13	19°14	10°14	2°37	4°39	11°38	10°23	12°10	n.a.	F 11
S 12	16 41 36	9°45'31	10♏ 2	16°53	14°12	11°58	22°20	19°21	10°16	2°36	4°40	11°R39	10°20	12°17	n.a.	S 12
S 13	16 45 32	10°42'41	22°51	18°54	15°23	12°38	22°28	19°29	10°18	2°36	4°42	11°38	10°17	12°24	n.a.	S 13
M14	16 49 29	11°39'51	6♐ 0	20°54	16°35	13°18	22°35	19°36	10°20	2°35	4°43	11°36	10°14	12°30	n.a.	M14
T 15	16 53 26	12°37'02	19°27	22°52	17°46	13°58	22°42	19°44	10°22	2°35	4°45	11°33	10°10	12°37	n.a.	T 15
W16	16 57 22	13°34'14	3♑11	24°48	18°57	14°38	22°50	19°51	10°24	2°35	4°46	11°29	10° 7	12°44	n.a.	W16
T 17	17 1 19	14°31'27	17° 9	26°43	20° 8	15°18	22°57	19°59	10°26	2°35	4°48	11°24	10° 4	12°51	n.a.	T 17
F 18	17 5 15	15°28'40	1♒17	28°36	21°18	15°58	23° 3	20° 6	10°28	2°34	4°49	11°19	10° 1	12°57	n.a.	F 18
S 19	17 9 12	16°25'55	15°31	0♋27	22°29	16°37	23°10	20°14	10°30	2°34	4°51	11°15	9°58	13° 4	n.a.	S 19
S 20	17 13 8	17°23'11	29°46	2°17	23°40	17°17	23°16	20°21	10°32	2°34	4°52	11°12	9°55	13°11	n.a.	S 20
M21	17 17 5	18°20'28	14♓ 1	4° 5	24°51	17°57	23°23	20°28	10°34	2°34	4°54	11°D11	9°51	13°17	n.a.	M21
T 22	17 21 1	19°17'46	28°12	5°51	26° 2	18°36	23°29	20°36	10°35	2°34	4°55	11°11	9°48	13°24	n.a.	T 22
W23	17 24 58	20°15'05	12♈17	7°35	27°12	19°16	23°35	20°43	10°37	2°34	4°57	11°12	9°45	13°31	n.a.	W23
T 24	17 28 55	21°12'26	26°15	9°18	28°23	19°55	23°41	20°50	10°39	2°D34	4°59	11°14	9°42	13°37	n.a.	T 24
F 25	17 32 51	22° 9'48	10♉ 6	10°59	29°33	20°35	23°47	20°57	10°40	2°34	5° 0	11°R14	9°39	13°44	n.a.	F 25
S 26	17 36 48	23° 7'11	23°47	12°39	0♌44	21°14	23°52	21° 4	10°42	2°34	5° 2	11°14	9°36	13°51	n.a.	S 26
S 27	17 40 44	24° 4'36	7♊17	14°17	1°54	21°53	23°57	21°11	10°43	2°34	5° 4	11°11	9°32	13°58	n.a.	S 27
M28	17 44 41	25° 2'01	20°34	15°53	3° 5	22°33	24° 3	21°18	10°45	2°34	5° 6	11° 7	9°29	14° 4	n.a.	M28
T 29	17 48 37	25°59'28	3♋38	17°28	4°15	23°12	24° 8	21°25	10°46	2°34	5° 7	11° 0	9°26	14°11	n.a.	T 29
W30	17 52 34	26♊56'56	16♋27	19♋ 0	5♌25	23♉51	24♓13	21♉32	10♈48	2♎34	5♌ 9	10♏52	9♏23	14♍18	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	20n19	20n 6	3s37	19n32	0n36	25n37	1n48	13n 6	0s10	4s58	1s24	15n59	1s31	3n25	0s36	0n48	2n 4	33n15	14n17	15s35	15s20	3n25		n.a.
W 2	20 31	19 11	4 23	20 13	0 46	25 36	1 49	13 20	0 9	4 55	1 24	16 2	1 31	3 26	0 36	0 49	2 4	33 15	14 17	15 34	15 19	3 23		n.a.
T 3	20 43	17 18	4 55	20 53	0 55	25 35	1 49	13 34	0 9	4 52	1 24	16 4	1 31	3 27	0 36	0 49	2 4	33 14	14 16	15 34	15 18	3 21		n.a.
F 4	20 55	14 40	5 12	21 30	1 3	25 33	1 49	13 48	0 8	4 48	1 24	16 6	1 31	3 28	0 36	0 49	2 4	33 14	14 16	15 33	15 17	3 19		n.a.
S 5	21 6	11 27	5 14	22 5	1 11	25 30	1 50	14 2	0 7	4 45	1 24	16 8	1 31	3 29	0 36	0 49	2 4	33 13	14 16	15 32	15 16	3 17		n.a.
S 6	21 17	7 48	5 3	22 37	1 18	25 27	1 50	14 16	0 7	4 42	1 25	16 10	1 31	3 30	0 36	0 49	2 4	33 12	14 15	15 32	15 15	3 14		n.a.
M 7	21 28	3 53	4 39	23 7	1 25	25 23	1 50	14 30	0 6	4 39	1 25	16 13	1 31	3 30	0 36	0 50	2 4	33 12	14 15	15 32	15 14	3 12		n.a.
T 8	21 38	0s11	4 3	23 34	1 31	25 18	1 50	14 44	0 5	4 36	1 25	16 15	1 31	3 31	0 36	0 50	2 4	33 11	14 15	15 32	15 13	3 10		n.a.
W 9	21 48	4 16	3 16	23 59	1 36	25 12	1 50	14 57	0 5	4 33	1 25	16 17	1 31	3 32	0 36	0 50	2 4	33 10	14 14	15 33	15 12	3 8		n.a.
T 10	21 58	8 14	2 20	24 21	1 40	25 6	1 50	15 11	0 4	4 30	1 26	16 19	1 31	3 33	0 36	0 50	2 4	33 10	14 14	15 33	15 11	3 6		n.a.
F 11	22 7	11 56	1 17	24 40	1 44	24 59	1 50	15 24	0 4	4 27	1 26	16 21	1 31	3 34	0 36	0 50	2 4	33 9	14 14	15 34	15 10	3 4		n.a.
S 12	22 16	15 12	0 9	24 56	1 47	24 51	1 49	15 37	0 3	4 24	1 26	16 23	1 31	3 35	0 36	0 50	2 4	33 8	14 14	15 34	15 9	3 2		n.a.
S 13	22 24	17 47	1n 1	25 10	1 50	24 43	1 49	15 50	0 2	4 21	1 26	16 25	1 31	3 36	0 36	0 50	2 4	33 8	14 13	15 34	15 8	2 59		n.a.
M14	22 32	19 31	2 9	25 21	1 51	24 33	1 48	16 3	0 2	4 19	1 27	16 27	1 31	3 36	0 36	0 50	2 4	33 7	14 13	15 33	15 7	2 57		n.a.
T 15	22 40	20 12	3 12	25 29	1 52	24 24	1 48	16 16	0 1	4 16	1 27	16 29	1 31	3 37	0 36	0 51	2 4	33 6	14 13	15 32	15 6	2 55		n.a.
W16	22 47	19 42	4 5	25 35	1 53	24 13	1 47	16 29	0 0	4 13	1 27	16 31	1 31	3 38	0 36	0 51	2 4	33 6	14 12	15 31	15 5	2 53		n.a.
T 17	22 54	18 0	4 44	25 39	1 53	24 2	1 46	16 41	0n 0	4 11	1 27	16 33	1 31	3 39	0 36	0 51	2 3	33 5	14 12	15 29	15 4	2 51		n.a.
F 18	23 0	15 12	5 7	25 40	1 52	23 50	1 45	16 53	0 1	4 8	1 28	16 35	1 31	3 39	0 36	0 51	2 3	33 4	14 12	15 28	15 3	2 49		n.a.
S 19	23 7	11 30	5 10	25 39	1 50	23 37	1 45	17 6	0 2	4 6	1 28	16 37	1 31	3 40	0 36	0 51	2 3	33 4	14 12	15 26	15 2	2 47		n.a.
S 20	23 12	7 8	4 55	25 36	1 48	23 24	1 44	17 18	0 2	4 3	1 28	16 39	1 31	3 41	0 36	0 51	2 3	33 3	14 11	15 25	15 1	2 45		n.a.
M21	23 18	2 22	4 22	25 31	1 46	23 10	1 42	17 30	0 3	4 1	1 29	16 41	1 31	3 41	0 36	0 51	2 3	33 2	14 11	15 25	15 0	2 42		n.a.
T 22	23 22	2n31	3 33	25 24	1 43	22 56	1 41	17 41	0 4	3 59	1 29	16 43	1 31	3 42	0 36	0 51	2 3	33 2	14 11	15 25	14 59	2 40		n.a.
W23	23 27	7 14	2 31	25 15	1 40	22 41	1 40	17 53	0 4	3 57	1 29	16 45	1 31	3 43	0 36	0 51	2 3	33 1	14 11	15 26	14 58	2 38		n.a.
T 24	23 31	11 32	1 21	25 4	1 36	22 25	1 38	18 4	0 5	3 55	1 29	16 47	1 31	3 43	0 36	0 51	2 3	33 0	14 10	15 26	14 57	2 36		n.a.
F 25	23 35	15 10	0 6	24 52	1 31	22 8	1 37	18 16	0 6	3 53	1 30	16 49	1 31	3 44	0 36	0 50	2 3	33 0	14 10	15 26	14 56	2 34		n.a.
S 26	23 38	17 55	1s 7	24 38	1 26	21 51	1 35	18 27	0 6	3 51	1 30	16 51	1 31	3 45	0 36	0 50	2 3	32 59	14 10	15 26	14 55	2 32		n.a.
S 27	23 41	19 37	2 16	24 22	1 21	21 34	1 34	18 38	0 7	3 49	1 30	16 53	1 31	3 45	0 36	0 50	2 3	32 58	14 10	15 25	14 54	2 30		n.a.
M28	23 43	20 12	3 16	24 6	1 15	21 16	1 32	18 49	0 8	3 47	1 30	16 55	1 31	3 46	0 36	0 50	2 3	32 58	14 9	15 24	14 53	2 27		n.a.
T 29	23 45	19 41	4 5	23 48	1 9	20 57	1 30	19 0	0 8	3 45	1 31	16 57	1 31	3 46	0 36	0 50	2 3	32 57	14 9	15 22	14 52	2 25		n.a.
W30	23n47	18n 9	4s40	23n28	1n 3	20n38	1n28	19n10	0n 9	3s43	1s31	16n58	1s31	3n47	0s36	0n50	2n 3	32n56	14n 9	15s19	14s51	2n23		n.a.

Julian Day Number = 1355228.5, Delta T = 07h03m47s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°55'00, Lahiri = -17°48'00 Julian Calendar 1 June 1003 BCE == Greg. Calendar 22 May 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

JULY 1003 BCE (-1002) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 56 31	27♊54'25	29♋ 1	20♋32	6♌35	24♉30	24♓17	21♉39	10♈49	2♎34	5♌11	10°R44	9♏20	14♍24	n.a.	T 1
F 2	18 0 27	28°51'56	11♌20	22° 1	7°45	25° 9	24°22	21°46	10°50	2°35	5°13	10♏36	9°16	14°31	n.a.	F 2
S 3	18 4 24	29°49'27	23°28	23°29	8°55	25°48	24°26	21°53	10°51	2°35	5°14	10°29	9°13	14°38	n.a.	S 3
S 4	18 8 20	0♋46'59	5♍25	24°55	10° 5	26°27	24°30	22° 0	10°53	2°35	5°16	10°24	9°10	14°44	n.a.	S 4
M 5	18 12 17	1°44'33	17°18	26°19	11°15	27° 6	24°34	22° 6	10°54	2°36	5°18	10°21	9° 7	14°51	n.a.	M 5
T 6	18 16 13	2°42'07	29° 9	27°42	12°25	27°45	24°38	22°13	10°55	2°36	5°20	10°D20	9° 4	14°58	n.a.	T 6
W 7	18 20 10	3°39'43	11♎ 3	29° 3	13°35	28°23	24°42	22°20	10°56	2°36	5°22	10°20	9° 1	15° 5	n.a.	W 7
T 8	18 24 6	4°37'19	23° 7	0♌22	14°44	29° 2	24°45	22°26	10°57	2°37	5°24	10°21	8°57	15°11	n.a.	T 8
F 9	18 28 3	5°34'57	5♏24	1°39	15°54	29°41	24°48	22°33	10°58	2°37	5°26	10°R22	8°54	15°18	n.a.	F 9
S 10	18 32 0	6°32'37	18° 0	2°54	17° 3	0♊20	24°51	22°39	10°59	2°38	5°28	10°21	8°51	15°25	n.a.	S 10
S 11	18 35 56	7°30'17	0♐58	4° 7	18°13	0°58	24°54	22°46	10°59	2°38	5°30	10°19	8°48	15°31	n.a.	S 11
M12	18 39 53	8°27'59	14°21	5°18	19°22	1°37	24°57	22°52	11° 0	2°39	5°32	10°15	8°45	15°38	n.a.	M12
T 13	18 43 49	9°25'42	28° 7	6°26	20°31	2°15	24°59	22°58	11° 1	2°39	5°34	10° 9	8°42	15°45	n.a.	T 13
W14	18 47 46	10°23'27	12♑15	7°33	21°40	2°54	25° 2	23° 5	11° 2	2°40	5°35	10° 0	8°38	15°51	n.a.	W14
T 15	18 51 42	11°21'13	26°40	8°37	22°49	3°32	25° 4	23°11	11° 2	2°41	5°37	9°51	8°35	15°58	n.a.	T 15
F 16	18 55 39	12°19'01	11♒15	9°39	23°58	4°10	25° 6	23°17	11° 3	2°41	5°39	9°42	8°32	16° 5	n.a.	F 16
S 17	18 59 35	13°16'51	25°54	10°38	25° 7	4°49	25° 8	23°23	11° 3	2°42	5°42	9°33	8°29	16°11	n.a.	S 17
S 18	19 3 32	14°14'43	10♓29	11°34	26°15	5°27	25° 9	23°29	11° 4	2°43	5°44	9°27	8°26	16°18	n.a.	S 18
M19	19 7 29	15°12'36	24°55	12°28	27°24	6° 5	25°10	23°35	11° 4	2°43	5°46	9°23	8°22	16°25	n.a.	M19
T 20	19 11 25	16°10'31	9♈ 8	13°18	28°32	6°43	25°12	23°41	11° 5	2°44	5°48	9°22	8°19	16°32	n.a.	T 20
W21	19 15 22	17° 8'29	23° 8	14° 5	29°41	7°21	25°13	23°46	11° 5	2°45	5°50	9°D22	8°16	16°38	n.a.	W21
T 22	19 19 18	18° 6'29	6♉53	14°49	0♍49	7°59	25°13	23°52	11° 5	2°46	5°52	9°R22	8°13	16°45	n.a.	T 22
F 23	19 23 15	19° 4'30	20°24	15°29	1°57	8°37	25°14	23°58	11° 6	2°47	5°54	9°22	8°10	16°52	n.a.	F 23
S 24	19 27 11	20° 2'34	3♊44	16° 5	3° 5	9°15	25°14	24° 3	11° 6	2°48	5°56	9°19	8° 7	16°58	n.a.	S 24
S 25	19 31 8	21° 0'40	16°51	16°37	4°13	9°53	25°R14	24° 9	11° 6	2°49	5°58	9°15	8° 3	17° 5	n.a.	S 25
M26	19 35 4	21°58'48	29°47	17° 5	5°21	10°31	25°14	24°14	11° 6	2°50	6° 0	9° 7	8° 0	17°12	n.a.	M26
T 27	19 39 1	22°56'57	12♋32	17°28	6°29	11° 9	25°14	24°20	11°R 6	2°51	6° 2	8°56	7°57	17°18	n.a.	T 27
W28	19 42 58	23°55'09	25° 5	17°46	7°36	11°46	25°14	24°25	11° 6	2°52	6° 4	8°44	7°54	17°25	n.a.	W28
T 29	19 46 54	24°53'22	7♌28	17°58	8°44	12°24	25°13	24°30	11° 6	2°53	6° 6	8°31	7°51	17°32	n.a.	T 29
F 30	19 50 51	25°51'38	19°39	18° 6	9°51	13° 2	25°12	24°35	11° 6	2°54	6° 9	8°18	7°48	17°39	n.a.	F 30
S 31	19 54 47	26♋49'55	1♍41	18°R 7	10♍58	13♊39	25♓11	24♉40	11♈ 6	2♎55	6♌11	8♏ 6	7♏44	17♍45	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
T 1	23n48	15n46	5s 1	23n 8	0n56	20n18	1n26	19n21	0n10	3s42	1s31	17n 0	1s31	3n47	0s36	0n50	2n 3	32n56	14n 9	15s17	14s50	2n21			n.a.
F 2	23 48	12 43	5 7	22 47	0 49	19 58	1 24	19 31	0 10	3 40	1 32	17 2	1 31	3 48	0 36	0 50	2 2	32 55	14 9	15 14	14 48	2 19			n.a.
S 3	23 49	9 12	5 0	22 25	0 41	19 37	1 22	19 41	0 11	3 39	1 32	17 4	1 31	3 48	0 36	0 49	2 2	32 54	14 8	15 12	14 47	2 17			n.a.
S 4	23 49	5 21	4 39	22 2	0 33	19 16	1 19	19 51	0 12	3 37	1 32	17 5	1 31	3 49	0 36	0 49	2 2	32 54	14 8	15 10	14 46	2 15			n.a.
M 5	23 48	1 20	4 6	21 38	0 25	18 54	1 17	20 1	0 12	3 36	1 32	17 7	1 31	3 49	0 36	0 49	2 2	32 53	14 8	15 9	14 45	2 12			n.a.
T 6	23 47	2s45	3 23	21 13	0 17	18 32	1 15	20 11	0 13	3 35	1 33	17 9	1 31	3 50	0 36	0 49	2 2	32 52	14 8	15 9	14 44	2 10			n.a.
W 7	23 46	6 45	2 31	20 48	0 8	18 9	1 12	20 20	0 14	3 34	1 33	17 11	1 31	3 50	0 37	0 49	2 2	32 52	14 8	15 9	14 43	2 8			n.a.
T 8	23 44	10 32	1 31	20 23	0s 1	17 46	1 9	20 29	0 14	3 32	1 33	17 12	1 31	3 50	0 37	0 48	2 2	32 51	14 8	15 9	14 42	2 6			n.a.
F 9	23 42	13 57	0 27	19 57	0 10	17 23	1 7	20 39	0 15	3 31	1 34	17 14	1 31	3 51	0 37	0 48	2 2	32 50	14 7	15 9	14 41	2 4			n.a.
S 10	23 39	16 48	0n41	19 30	0 19	16 59	1 4	20 48	0 16	3 30	1 34	17 15	1 31	3 51	0 37	0 48	2 2	32 50	14 7	15 9	14 40	2 2			n.a.
S 11	23 36	18 55	1 48	19 4	0 29	16 34	1 1	20 56	0 17	3 30	1 34	17 17	1 31	3 51	0 37	0 48	2 2	32 49	14 7	15 9	14 39	2 0			n.a.
M12	23 32	20 2	2 51	18 37	0 38	16 9	0 58	21 5	0 17	3 29	1 34	17 19	1 31	3 52	0 37	0 47	2 2	32 48	14 7	15 7	14 38	1 58			n.a.
T 13	23 28	20 1	3 46	18 11	0 48	15 44	0 55	21 14	0 18	3 28	1 35	17 20	1 31	3 52	0 37	0 47	2 2	32 48	14 7	15 5	14 37	1 55			n.a.
W14	23 24	18 46	4 29	17 44	0 58	15 19	0 51	21 22	0 19	3 27	1 35	17 22	1 31	3 52	0 37	0 47	2 2	32 47	14 7	15 3	14 36	1 53			n.a.
T 15	23 19	16 19	4 56	17 17	1 9	14 53	0 48	21 30	0 19	3 27	1 35	17 23	1 31	3 52	0 37	0 46	2 2	32 46	14 7	15 0	14 35	1 51			n.a.
F 16	23 14	12 49	5 4	16 51	1 19	14 27	0 45	21 38	0 20	3 26	1 36	17 25	1 31	3 53	0 37	0 46	2 2	32 46	14 6	14 57	14 34	1 49			n.a.
S 17	23 8	8 31	4 52	16 25	1 29	14 0	0 41	21 46	0 21	3 26	1 36	17 26	1 31	3 53	0 37	0 46	2 2	32 45	14 6	14 54	14 33	1 47			n.a.
S 18	23 2	3 44	4 21	15 59	1 40	13 33	0 38	21 54	0 21	3 25	1 36	17 28	1 31	3 53	0 37	0 45	2 1	32 44	14 6	14 52	14 32	1 45			n.a.
M19	22 56	1n12	3 33	15 34	1 50	13 6	0 34	22 1	0 22	3 25	1 37	17 29	1 31	3 53	0 37	0 45	2 1	32 44	14 6	14 51	14 31	1 43			n.a.
T 20	22 49	6 1	2 34	15 9	2 1	12 38	0 31	22 9	0 23	3 25	1 37	17 31	1 31	3 53	0 37	0 45	2 1	32 43	14 6	14 50	14 30	1 41			n.a.
W21	22 42	10 26	1 25	14 46	2 12	12 11	0 27	22 16	0 24	3 25	1 37	17 32	1 31	3 53	0 37	0 44	2 1	32 42	14 6	14 50	14 29	1 39			n.a.
T 22	22 34	14 14	0 13	14 23	2 22	11 43	0 23	22 23	0 24	3 25	1 37	17 33	1 31	3 53	0 37	0 44	2 1	32 42	14 6	14 50	14 28	1 36			n.a.
F 23	22 26	17 11	0s58	14 1	2 33	11 14	0 19	22 30	0 25	3 25	1 38	17 35	1 32	3 53	0 37	0 43	2 1	32 41	14 6	14 50	14 27	1 34			n.a.
S 24	22 17	19 10	2 6	13 40	2 43	10 46	0 15	22 36	0 26	3 25	1 38	17 36	1 32	3 54	0 37	0 43	2 1	32 41	14 6	14 49	14 26	1 32			n.a.
S 25	22 8	20 5	3 5	13 21	2 53	10 17	0 11	22 43	0 26	3 25	1 38	17 37	1 32	3 54	0 37	0 43	2 1	32 40	14 6	14 48	14 25	1 30			n.a.
M26	21 59	19 55	3 54	13 3	3 3	9 48	0 7	22 49	0 27	3 25	1 39	17 39	1 32	3 54	0 37	0 42	2 1	32 39	14 6	14 45	14 24	1 28			n.a.
T 27	21 50	18 44	4 30	12 47	3 13	9 19	0 3	22 55	0 28	3 26	1 39	17 40	1 32	3 54	0 37	0 42	2 1	32 39	14 6	14 42	14 23	1 26			n.a.
W28	21 39	16 39	4 52	12 33	3 22	8 49	0s 2	23 1	0 29	3 26	1 39	17 41	1 32	3 54	0 37	0 41	2 1	32 38	14 6	14 38	14 22	1 24			n.a.
T 29	21 29	13 51	5 1	12 20	3 31	8 20	0 6	23 7	0 29	3 27	1 39	17 42	1 32	3 54	0 37	0 41	2 1	32 37	14 6	14 34	14 21	1 22			n.a.
F 30	21 18	10 29	4 55	12 10	3 39	7 50	0 10	23 13	0 30	3 27	1 40	17 44	1 32	3 53	0 37	0 40	2 1	32 37	14 6	14 30	14 19	1 19			n.a.
S 31	21n 7	6n45	4s36	12n 2	3s47	7n20	0s15	23n18	0n31	3s28	1s40	17n45	1s32	3n53	0s37	0n40	2n 1	32n36	14n 6	14s26	14s18	1n17			n.a.

Julian Day Number = 1355258.5, Delta T = 07h03m45s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'56, Lahiri = -17°47'56 Julian Calendar 1 July 1003 BCE == Greg. Calendar 21 June 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

AUGUST 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	19 58 44	27♋48'14	13♍36	18°R 2	12♍ 5	14♊17	25°R10	24♉45	11°R 6	2♎56	6♌13	7°R57	7♏41	17♍52	n.a.	S 1
M 2	20 2 40	28°46'34	25°25	17♌51	13°12	14°54	25♓ 8	24°50	11♈ 5	2°57	6°15	7♏50	7°38	17°59	n.a.	M 2
T 3	20 6 37	29°44'56	7♎14	17°34	14°19	15°31	25° 7	24°55	11° 5	2°59	6°17	7°46	7°35	18° 5	n.a.	T 3
W 4	20 10 33	0♌43'21	19° 6	17°10	15°25	16° 9	25° 5	25° 0	11° 5	3° 0	6°19	7°45	7°32	18°12	n.a.	W 4
T 5	20 14 30	1°41'46	1♏ 7	16°39	16°32	16°46	25° 3	25° 4	11° 4	3° 1	6°21	7°44	7°28	18°19	n.a.	T 5
F 6	20 18 26	2°40'14	13°22	16° 2	17°38	17°23	25° 1	25° 9	11° 4	3° 3	6°24	7°44	7°25	18°25	n.a.	F 6
S 7	20 22 23	3°38'43	25°56	15°19	18°44	18° 0	24°58	25°13	11° 3	3° 4	6°26	7°43	7°22	18°32	n.a.	S 7
S 8	20 26 20	4°37'15	8♐55	14°30	19°50	18°37	24°56	25°18	11° 3	3° 5	6°28	7°41	7°19	18°39	n.a.	S 8
M 9	20 30 16	5°35'48	22°21	13°36	20°56	19°14	24°53	25°22	11° 2	3° 7	6°30	7°36	7°16	18°45	n.a.	M 9
T 10	20 34 13	6°34'23	6♑16	12°37	22° 1	19°51	24°50	25°26	11° 2	3° 8	6°32	7°28	7°13	18°52	n.a.	T 10
W11	20 38 9	7°32'59	20°37	11°36	23° 7	20°28	24°46	25°30	11° 1	3° 9	6°34	7°18	7° 9	18°59	n.a.	W11
T 12	20 42 6	8°31'38	5♒21	10°33	24°12	21° 5	24°43	25°34	11° 0	3°11	6°37	7° 7	7° 6	19° 5	n.a.	T 12
F 13	20 46 2	9°30'19	20°19	9°29	25°17	21°42	24°39	25°38	10°59	3°12	6°39	6°55	7° 3	19°12	n.a.	F 13
S 14	20 49 59	10°29'02	5♓22	8°26	26°22	22°19	24°36	25°42	10°59	3°14	6°41	6°45	7° 0	19°19	n.a.	S 14
S 15	20 53 55	11°27'47	20°20	7°26	27°26	22°55	24°32	25°46	10°58	3°15	6°43	6°37	6°57	19°26	n.a.	S 15
M16	20 57 52	12°26'34	5♈ 5	6°31	28°30	23°32	24°28	25°50	10°57	3°17	6°45	6°32	6°53	19°32	n.a.	M16
T 17	21 1 49	13°25'24	19°31	5°40	29°35	24° 9	24°23	25°53	10°56	3°19	6°47	6°30	6°50	19°39	n.a.	T 17
W18	21 5 45	14°24'17	3♉37	4°57	0♎39	24°45	24°19	25°57	10°55	3°20	6°50	6°D29	6°47	19°46	n.a.	W18
T 19	21 9 42	15°23'11	17°21	4°22	1°42	25°22	24°14	26° 0	10°54	3°22	6°52	6°R29	6°44	19°52	n.a.	T 19
F 20	21 13 38	16°22'09	0♊45	3°55	2°46	25°58	24° 9	26° 3	10°53	3°23	6°54	6°28	6°41	19°59	n.a.	F 20
S 21	21 17 35	17°21'09	13°51	3°39	3°49	26°34	24° 4	26° 7	10°51	3°25	6°56	6°26	6°38	20° 6	n.a.	S 21
S 22	21 21 31	18°20'11	26°43	3°D32	4°52	27°11	23°59	26°10	10°50	3°27	6°58	6°21	6°34	20°12	n.a.	S 22
M23	21 25 28	19°19'15	9♋22	3°36	5°54	27°47	23°54	26°13	10°49	3°29	7° 0	6°13	6°31	20°19	n.a.	M23
T 24	21 29 24	20°18'22	21°50	3°50	6°57	28°23	23°48	26°15	10°48	3°30	7° 2	6° 3	6°28	20°26	n.a.	T 24
W25	21 33 21	21°17'32	4♌ 8	4°13	7°59	28°59	23°43	26°18	10°46	3°32	7° 4	5°50	6°25	20°32	n.a.	W25
T 26	21 37 17	22°16'43	16°18	4°47	9° 1	29°35	23°37	26°21	10°45	3°34	7° 7	5°37	6°22	20°39	n.a.	T 26
F 27	21 41 14	23°15'57	28°20	5°29	10° 2	0♋11	23°31	26°24	10°43	3°36	7° 9	5°23	6°19	20°46	n.a.	F 27
S 28	21 45 11	24°15'13	10♍16	6°20	11° 4	0°47	23°25	26°26	10°42	3°37	7°11	5°11	6°15	20°52	n.a.	S 28
S 29	21 49 7	25°14'30	22° 7	7°19	12° 4	1°23	23°18	26°28	10°40	3°39	7°13	5° 1	6°12	20°59	n.a.	S 29
M30	21 53 4	26°13'50	3♎55	8°24	13° 5	1°59	23°12	26°31	10°39	3°41	7°15	4°54	6° 9	21° 6	n.a.	M30
T 31	21 57 0	27♌13'12	15♎42	9♌36	14♎ 5	2♋34	23♓ 5	26♉33	10♈37	3♎43	7♌17	4♏50	6♏ 6	21♍13	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
S 1	20n55	2n47	4s 5	11n57	3s54	6n50	0s19	23n23	0n31	3s29	1s40	17n46	1s32	3n53	0s37	0n39	2n 1	32n36	14n 6	14s23	14s17	1n15			n.a.
M 2	20 43	1s16	3 24	11 55	4 0	6 20	0 24	23 29	0 32	3 30	1 41	17 47	1 32	3 53	0 37	0 39	2 1	32 35	14 6	14 20	14 16	1 13			n.a.
T 3	20 31	5 16	2 34	11 56	4 5	5 50	0 29	23 33	0 33	3 31	1 41	17 48	1 32	3 53	0 37	0 38	2 0	32 35	14 6	14 19	14 15	1 11			n.a.
W 4	20 19	9 5	1 37	11 59	4 9	5 19	0 33	23 38	0 34	3 32	1 41	17 49	1 32	3 53	0 37	0 38	2 0	32 34	14 6	14 19	14 14	1 9			n.a.
T 5	20 6	12 35	0 35	12 6	4 11	4 49	0 38	23 43	0 34	3 33	1 41	17 50	1 32	3 53	0 37	0 37	2 0	32 33	14 6	14 18	14 13	1 7			n.a.
F 6	19 52	15 37	0n30	12 16	4 12	4 18	0 43	23 47	0 35	3 34	1 42	17 51	1 32	3 52	0 37	0 36	2 0	32 33	14 6	14 18	14 12	1 5			n.a.
S 7	19 38	18 0	1 35	12 30	4 11	3 47	0 48	23 51	0 36	3 35	1 42	17 52	1 32	3 52	0 37	0 36	2 0	32 32	14 6	14 18	14 11	1 3			n.a.
S 8	19 24	19 33	2 37	12 46	4 9	3 17	0 53	23 55	0 37	3 36	1 42	17 53	1 33	3 52	0 37	0 35	2 0	32 32	14 6	14 17	14 10	1 0			n.a.
M 9	19 10	20 3	3 33	13 6	4 4	2 46	0 58	23 59	0 37	3 38	1 42	17 54	1 33	3 52	0 37	0 35	2 0	32 31	14 6	14 16	14 9	0 58			n.a.
T 10	18 55	19 22	4 18	13 29	3 58	2 15	1 3	24 3	0 38	3 39	1 43	17 55	1 33	3 51	0 37	0 34	2 0	32 31	14 6	14 13	14 8	0 56			n.a.
W11	18 40	17 27	4 48	13 54	3 50	1 44	1 8	24 7	0 39	3 41	1 43	17 56	1 33	3 51	0 37	0 33	2 0	32 30	14 6	14 10	14 7	0 54			n.a.
T 12	18 25	14 22	5 0	14 21	3 39	1 13	1 13	24 10	0 40	3 42	1 43	17 57	1 33	3 51	0 37	0 33	2 0	32 30	14 6	14 6	14 6	0 52			n.a.
F 13	18 9	10 19	4 52	14 50	3 27	0 43	1 18	24 13	0 40	3 44	1 43	17 58	1 33	3 50	0 37	0 32	2 0	32 29	14 6	14 2	14 5	0 50			n.a.
S 14	17 53	5 36	4 24	15 20	3 13	0 12	1 24	24 16	0 41	3 46	1 44	17 59	1 33	3 50	0 37	0 31	2 0	32 28	14 6	13 59	14 4	0 48			n.a.
S 15	17 37	0 33	3 38	15 51	2 57	0s19	1 29	24 19	0 42	3 48	1 44	18 0	1 33	3 50	0 37	0 31	2 0	32 28	14 6	13 56	14 3	0 46			n.a.
M16	17 20	4n27	2 38	16 21	2 40	0 50	1 34	24 22	0 43	3 49	1 44	18 0	1 33	3 49	0 38	0 30	2 0	32 27	14 6	13 54	14 2	0 44			n.a.
T 17	17 3	9 7	1 28	16 52	2 22	1 21	1 39	24 24	0 43	3 51	1 44	18 1	1 33	3 49	0 38	0 29	2 0	32 27	14 6	13 54	14 1	0 42			n.a.
W18	16 46	13 9	0 15	17 20	2 3	1 51	1 45	24 27	0 44	3 53	1 45	18 2	1 33	3 49	0 38	0 29	2 0	32 26	14 6	13 53	13 59	0 39			n.a.
T 19	16 28	16 22	0s57	17 48	1 43	2 22	1 50	24 29	0 45	3 55	1 45	18 3	1 33	3 48	0 38	0 28	2 0	32 26	14 7	13 53	13 58	0 37			n.a.
F 20	16 11	18 36	2 5	18 13	1 24	2 52	1 55	24 31	0 46	3 58	1 45	18 3	1 34	3 48	0 38	0 27	2 0	32 26	14 7	13 53	13 57	0 35			n.a.
S 21	15 52	19 47	3 4	18 36	1 4	3 23	2 1	24 33	0 47	4 0	1 45	18 4	1 34	3 47	0 38	0 27	2 0	32 25	14 7	13 52	13 56	0 33			n.a.
S 22	15 34	19 54	3 53	18 56	0 45	3 53	2 6	24 34	0 47	4 2	1 46	18 5	1 34	3 47	0 38	0 26	1 59	32 25	14 7	13 51	13 55	0 31			n.a.
M23	15 15	19 0	4 29	19 13	0 27	4 23	2 12	24 36	0 48	4 4	1 46	18 5	1 34	3 46	0 38	0 25	1 59	32 24	14 7	13 48	13 54	0 29			n.a.
T 24	14 57	17 13	4 52	19 27	0 9	4 53	2 17	24 37	0 49	4 7	1 46	18 6	1 34	3 46	0 38	0 24	1 59	32 24	14 7	13 45	13 53	0 27			n.a.
W25	14 37	14 39	5 1	19 37	0n 7	5 23	2 22	24 38	0 50	4 9	1 46	18 6	1 34	3 45	0 38	0 24	1 59	32 23	14 7	13 40	13 52	0 25			n.a.
T 26	14 18	11 30	4 56	19 44	0 23	5 53	2 28	24 39	0 51	4 12	1 46	18 7	1 34	3 44	0 38	0 23	1 59	32 23	14 8	13 36	13 51	0 23			n.a.
F 27	13 58	7 54	4 38	19 48	0 37	6 23	2 33	24 40	0 51	4 14	1 46	18 7	1 34	3 44	0 38	0 22	1 59	32 22	14 8	13 31	13 50	0 21			n.a.
S 28	13 39	4 2	4 7	19 47	0 50	6 52	2 39	24 41	0 52	4 17	1 47	18 8	1 34	3 43	0 38	0 21	1 59	32 22	14 8	13 27	13 49	0 19			n.a.
S 29	13 18	0 1	3 26	19 44	1 2	7 21	2 44	24 41	0 53	4 20	1 47	18 8	1 34	3 43	0 38	0 21	1 59	32 22	14 8	13 24	13 48	0 16			n.a.
M30	12 58	3s58	2 37	19 37	1 13	7 50	2 50	24 42	0 54	4 22	1 47	18 9	1 34	3 42	0 38	0 20	1 59	32 21	14 8	13 21	13 47	0 14			n.a.
T 31	12n38	7s48	1s40	19n26	1n22	8s19	2s55	24n42	0n55	4s25	1s47	18n 9	1s35	3n41	0s38	0n19	1n59	32n21	14n 9	13s20	13s46	0n12			n.a.

Julian Day Number = 1355289.5, Delta T = 07h03m44s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'52, Lahiri = -17°47'52 Julian Calendar 1 Aug. 1003 BCE == Greg. Calendar 22 July 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

SEPTEMBER 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 0 57	28♌12'36	27♎34	10♌54	15♎ 5	3♋10	22°R59	26♉35	10°R36	3♎45	7♌19	4°R48	6♏ 3	21♍19	n.a.	W 1
T 2	22 4 53	29°12'02	9♏33	12°16	16° 5	3°45	22♓52	26°37	10♈34	3°47	7°21	4°D48	5°59	21°26	n.a.	T 2
F 3	22 8 50	0♍11'30	21°46	13°43	17° 4	4°21	22°45	26°38	10°32	3°49	7°23	4♏49	5°56	21°33	n.a.	F 3
S 4	22 12 46	1°11'00	4♐16	15°13	18° 2	4°56	22°38	26°40	10°31	3°51	7°25	4°R49	5°53	21°39	n.a.	S 4
S 5	22 16 43	2°10'31	17°10	16°46	19° 1	5°31	22°31	26°42	10°29	3°53	7°27	4°48	5°50	21°46	n.a.	S 5
M 6	22 20 39	3°10'05	0♑31	18°22	19°59	6° 7	22°24	26°43	10°27	3°55	7°29	4°44	5°47	21°53	n.a.	M 6
T 7	22 24 36	4° 9'41	14°21	19°59	20°56	6°42	22°16	26°45	10°25	3°57	7°31	4°39	5°44	21°59	n.a.	T 7
W 8	22 28 33	5° 9'18	28°42	21°39	21°53	7°17	22° 9	26°46	10°23	3°59	7°33	4°31	5°40	22° 6	n.a.	W 8
T 9	22 32 29	6° 8'57	13♒29	23°19	22°50	7°52	22° 1	26°47	10°21	4° 1	7°35	4°23	5°37	22°13	n.a.	T 9
F 10	22 36 26	7° 8'39	28°36	25° 0	23°46	8°27	21°54	26°48	10°19	4° 3	7°37	4°14	5°34	22°19	n.a.	F 10
S 11	22 40 22	8° 8'22	13♓52	26°43	24°41	9° 2	21°46	26°49	10°17	4° 5	7°39	4° 5	5°31	22°26	n.a.	S 11
S 12	22 44 19	9° 8'07	29° 7	28°25	25°36	9°37	21°38	26°50	10°15	4° 7	7°41	3°59	5°28	22°33	n.a.	S 12
M13	22 48 15	10° 7'55	14♈10	0♍ 8	26°30	10°11	21°30	26°51	10°13	4° 9	7°43	3°55	5°25	22°39	n.a.	M13
T 14	22 52 12	11° 7'45	28°54	1°51	27°24	10°46	21°23	26°51	10°11	4°11	7°45	3°D54	5°21	22°46	n.a.	T 14
W15	22 56 8	12° 7'37	13♉13	3°34	28°17	11°20	21°15	26°52	10° 9	4°13	7°47	3°54	5°18	22°53	n.a.	W15
T 16	23 0 5	13° 7'32	27° 7	5°17	29°10	11°55	21° 7	26°52	10° 7	4°15	7°48	3°55	5°15	22°59	n.a.	T 16
F 17	23 4 2	14° 7'29	10♊35	6°59	0♏ 2	12°29	20°59	26°52	10° 5	4°17	7°50	3°R56	5°12	23° 6	n.a.	F 17
S 18	23 7 58	15° 7'29	23°40	8°41	0°53	13° 4	20°51	26°52	10° 3	4°20	7°52	3°55	5° 9	23°13	n.a.	S 18
S 19	23 11 55	16° 7'31	6♋26	10°23	1°43	13°38	20°42	26°R53	10° 1	4°22	7°54	3°53	5° 5	23°20	n.a.	S 19
M20	23 15 51	17° 7'35	18°55	12° 5	2°33	14°12	20°34	26°52	9°58	4°24	7°56	3°49	5° 2	23°26	n.a.	M20
T 21	23 19 48	18° 7'41	1♌12	13°46	3°22	14°46	20°26	26°52	9°56	4°26	7°57	3°43	4°59	23°33	n.a.	T 21
W22	23 23 44	19° 7'50	13°20	15°27	4°11	15°20	20°18	26°52	9°54	4°28	7°59	3°35	4°56	23°40	n.a.	W22
T 23	23 27 41	20° 8'00	25°19	17° 7	4°58	15°54	20°10	26°52	9°51	4°30	8° 1	3°26	4°53	23°46	n.a.	T 23
F 24	23 31 37	21° 8'13	7♍14	18°47	5°45	16°27	20° 2	26°51	9°49	4°33	8° 3	3°18	4°50	23°53	n.a.	F 24
S 25	23 35 34	22° 8'28	19° 5	20°26	6°31	17° 1	19°54	26°50	9°47	4°35	8° 4	3°10	4°46	24° 0	n.a.	S 25
S 26	23 39 30	23° 8'44	0♎54	22° 5	7°15	17°35	19°45	26°50	9°44	4°37	8° 6	3° 4	4°43	24° 6	n.a.	S 26
M27	23 43 27	24° 9'03	12°43	23°43	7°59	18° 8	19°37	26°49	9°42	4°39	8° 8	3° 0	4°40	24°13	n.a.	M27
T 28	23 47 24	25° 9'23	24°34	25°21	8°42	18°41	19°29	26°48	9°40	4°42	8° 9	2°58	4°37	24°20	n.a.	T 28
W29	23 51 20	26° 9'45	6♏29	26°58	9°24	19°15	19°21	26°47	9°37	4°44	8°11	2°D57	4°34	24°26	n.a.	W29
T 30	23 55 17	27♍10'09	18♏33	28♍35	10♏ 5	19♋48	19♓13	26♉45	9♈35	4♎46	8♌12	2♏58	4♏30	24♍33	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	12n17	11s22	0s39	19n13	1n30	8s48	3s 1	24n42	0n55	4s28	1s47	18n10	1s35	3n41	0s38	0n18	1n59	32n20	14n 9	13s19	13s45	0n10		n.a.
T 2	11 56	14 30	0n25	18 56	1 37	9 16	3 6	24 42	0 56	4 31	1 47	18 10	1 35	3 40	0 38	0 17	1 59	32 20	14 9	13 19	13 44	0 8		n.a.
F 3	11 35	17 3	1 29	18 36	1 43	9 44	3 11	24 41	0 57	4 34	1 48	18 10	1 35	3 39	0 38	0 17	1 59	32 20	14 9	13 20	13 42	0 6		n.a.
S 4	11 13	18 52	2 31	18 14	1 48	10 12	3 17	24 41	0 58	4 37	1 48	18 11	1 35	3 39	0 38	0 16	1 59	32 19	14 9	13 20	13 41	0 4		n.a.
S 5	10 52	19 46	3 26	17 49	1 51	10 40	3 22	24 40	0 59	4 40	1 48	18 11	1 35	3 38	0 38	0 15	1 59	32 19	14 10	13 19	13 40	0 2		n.a.
M 6	10 30	19 36	4 13	17 22	1 54	11 7	3 27	24 40	1 0	4 43	1 48	18 11	1 35	3 37	0 38	0 14	1 59	32 19	14 10	13 18	13 39	0s 0		n.a.
T 7	10 8	18 17	4 46	16 52	1 56	11 34	3 33	24 39	1 0	4 46	1 48	18 11	1 35	3 36	0 38	0 13	1 59	32 18	14 10	13 16	13 38	0 2		n.a.
W 8	9 46	15 47	5 3	16 21	1 57	12 1	3 38	24 38	1 1	4 49	1 48	18 12	1 35	3 36	0 38	0 12	1 59	32 18	14 10	13 14	13 37	0 4		n.a.
T 9	9 24	12 13	5 1	15 48	1 57	12 27	3 43	24 36	1 2	4 52	1 48	18 12	1 35	3 35	0 38	0 12	1 59	32 18	14 11	13 11	13 36	0 7		n.a.
F 10	9 1	7 48	4 38	15 13	1 57	12 53	3 48	24 35	1 3	4 55	1 48	18 12	1 36	3 34	0 38	0 11	1 59	32 18	14 11	13 8	13 35	0 9		n.a.
S 11	8 39	2 50	3 55	14 37	1 56	13 19	3 53	24 34	1 4	4 58	1 48	18 12	1 36	3 33	0 38	0 10	1 59	32 17	14 11	13 5	13 34	0 11		n.a.
S 12	8 16	2n19	2 55	13 59	1 54	13 44	3 58	24 32	1 5	5 1	1 48	18 12	1 36	3 33	0 38	0 9	1 59	32 17	14 12	13 3	13 33	0 13		n.a.
M13	7 53	7 16	1 44	13 20	1 52	14 9	4 3	24 30	1 5	5 4	1 48	18 12	1 36	3 32	0 38	0 8	1 59	32 17	14 12	13 1	13 32	0 15		n.a.
T 14	7 30	11 40	0 27	12 40	1 49	14 33	4 8	24 28	1 6	5 8	1 48	18 12	1 36	3 31	0 38	0 7	1 59	32 16	14 12	13 1	13 31	0 17		n.a.
W15	7 7	15 15	0s50	12 0	1 46	14 57	4 13	24 26	1 7	5 11	1 48	18 12	1 36	3 30	0 38	0 6	1 59	32 16	14 12	13 1	13 30	0 19		n.a.
T 16	6 44	17 51	2 2	11 18	1 42	15 21	4 18	24 24	1 8	5 14	1 49	18 12	1 36	3 29	0 38	0 6	1 59	32 16	14 13	13 1	13 28	0 21		n.a.
F 17	6 20	19 20	3 5	10 36	1 38	15 44	4 22	24 22	1 9	5 17	1 49	18 12	1 36	3 28	0 38	0 5	1 59	32 16	14 13	13 1	13 27	0 23		n.a.
S 18	5 57	19 44	3 56	9 53	1 34	16 7	4 27	24 19	1 10	5 21	1 49	18 12	1 36	3 27	0 38	0 4	1 59	32 16	14 13	13 1	13 26	0 25		n.a.
S 19	5 33	19 6	4 34	9 10	1 29	16 29	4 31	24 17	1 11	5 24	1 49	18 12	1 36	3 27	0 38	0 3	1 59	32 15	14 14	13 1	13 25	0 27		n.a.
M20	5 10	17 32	4 58	8 26	1 24	16 51	4 36	24 14	1 12	5 27	1 49	18 12	1 36	3 26	0 38	0 2	1 59	32 15	14 14	12 59	13 24	0 29		n.a.
T 21	4 46	15 12	5 8	7 42	1 19	17 12	4 40	24 11	1 13	5 30	1 49	18 12	1 37	3 25	0 38	0 1	1 59	32 15	14 14	12 57	13 23	0 31		n.a.
W22	4 22	12 14	5 4	6 57	1 14	17 33	4 44	24 8	1 13	5 34	1 49	18 12	1 37	3 24	0 38	0 0	1 59	32 15	14 15	12 54	13 22	0 33		n.a.
T 23	3 58	8 47	4 46	6 13	1 8	17 54	4 48	24 5	1 14	5 37	1 48	18 12	1 37	3 23	0 38	0s 1	1 58	32 15	14 15	12 51	13 21	0 36		n.a.
F 24	3 34	5 2	4 17	5 28	1 2	18 13	4 52	24 2	1 15	5 40	1 48	18 11	1 37	3 22	0 38	0 2	1 58	32 15	14 15	12 48	13 20	0 38		n.a.
S 25	3 10	1 5	3 36	4 43	0 57	18 33	4 56	23 58	1 16	5 43	1 48	18 11	1 37	3 21	0 38	0 2	1 58	32 14	14 16	12 46	13 19	0 40		n.a.
S 26	2 46	2s53	2 45	3 58	0 51	18 51	5 0	23 55	1 17	5 46	1 48	18 11	1 37	3 20	0 38	0 3	1 58	32 14	14 16	12 44	13 18	0 42		n.a.
M27	2 21	6 45	1 48	3 13	0 44	19 9	5 3	23 51	1 18	5 50	1 48	18 11	1 37	3 19	0 38	0 4	1 58	32 14	14 17	12 42	13 17	0 44		n.a.
T 28	1 57	10 22	0 46	2 27	0 38	19 27	5 7	23 47	1 19	5 53	1 48	18 10	1 37	3 18	0 38	0 5	1 58	32 14	14 17	12 41	13 16	0 46		n.a.
W29	1 33	13 35	0n19	1 42	0 32	19 44	5 10	23 44	1 20	5 56	1 48	18 10	1 37	3 17	0 38	0 6	1 58	32 14	14 17	12 41	13 14	0 48		n.a.
T 30	1n 9	16s16	1n24	0n57	0n25	20s 0	5s13	23n40	1n21	5s59	1s48	18n10	1s37	3n16	0s38	0s 7	1n58	32n14	14n18	12s42	13s13	0s50		n.a.

Julian Day Number = 1355320.5, Delta T = 07h03m42s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'48, Lahiri = -17°47'47 Julian Calendar 1 Sept. 1003 BCE == Greg. Calendar 22 Aug. 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

OCTOBER 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 59 13	28♍10'34	0♐47	0♎12	10♏44	20♋21	19°R 5	26°R44	9°R32	4♎48	8♌14	3♏ 0	4♏27	24♍40	n.a.	F 1
S 2	0 3 10	29°11'01	13°18	1°48	11°23	20°54	18♓57	26♉43	9♈30	4°50	8°15	3° 2	4°24	24°46	n.a.	S 2
S 3	0 7 6	0♎11'30	26° 8	3°24	12° 0	21°27	18°49	26°41	9°28	4°53	8°17	3°R 2	4°21	24°53	n.a.	S 3
M 4	0 11 3	1°12'00	9♑22	4°59	12°36	21°59	18°42	26°39	9°25	4°55	8°18	3° 2	4°18	25° 0	n.a.	M 4
T 5	0 14 59	2°12'31	23° 2	6°35	13°11	22°32	18°34	26°38	9°23	4°57	8°20	3° 1	4°15	25° 6	n.a.	T 5
W 6	0 18 56	3°13'04	7♒10	8° 9	13°44	23° 4	18°26	26°36	9°20	4°59	8°21	2°58	4°11	25°13	n.a.	W 6
T 7	0 22 53	4°13'38	21°44	9°44	14°15	23°37	18°19	26°34	9°18	5° 2	8°23	2°54	4° 8	25°20	n.a.	T 7
F 8	0 26 49	5°14'14	6♓41	11°18	14°46	24° 9	18°11	26°32	9°15	5° 4	8°24	2°50	4° 5	25°26	n.a.	F 8
S 9	0 30 46	6°14'51	21°52	12°52	15°14	24°41	18° 4	26°29	9°13	5° 6	8°25	2°46	4° 2	25°33	n.a.	S 9
S 10	0 34 42	7°15'30	7♈ 7	14°25	15°41	25°13	17°56	26°27	9°10	5° 8	8°27	2°43	3°59	25°40	n.a.	S 10
M11	0 38 39	8°16'10	22°18	15°59	16° 6	25°45	17°49	26°25	9° 8	5°11	8°28	2°42	3°56	25°46	n.a.	M11
T 12	0 42 35	9°16'52	7♉13	17°32	16°30	26°17	17°42	26°22	9° 5	5°13	8°29	2°D41	3°52	25°53	n.a.	T 12
W13	0 46 32	10°17'35	21°46	19° 4	16°52	26°49	17°35	26°20	9° 3	5°15	8°30	2°42	3°49	26° 0	n.a.	W13
T 14	0 50 28	11°18'21	5♊52	20°37	17°11	27°20	17°28	26°17	9° 0	5°17	8°32	2°44	3°46	26° 6	n.a.	T 14
F 15	0 54 25	12°19'08	19°31	22° 9	17°29	27°51	17°22	26°14	8°58	5°20	8°33	2°45	3°43	26°13	n.a.	F 15
S 16	0 58 21	13°19'56	2♋44	23°41	17°45	28°23	17°15	26°11	8°55	5°22	8°34	2°46	3°40	26°20	n.a.	S 16
S 17	1 2 18	14°20'47	15°33	25°13	17°59	28°54	17° 9	26° 8	8°53	5°24	8°35	2°R46	3°36	26°26	n.a.	S 17
M18	1 6 15	15°21'39	28° 2	26°45	18°10	29°25	17° 2	26° 5	8°50	5°26	8°36	2°46	3°33	26°33	n.a.	M18
T 19	1 10 11	16°22'33	10♌16	28°17	18°20	29°56	16°56	26° 2	8°48	5°29	8°37	2°45	3°30	26°40	n.a.	T 19
W20	1 14 8	17°23'28	22°18	29°48	18°27	0♌26	16°50	25°59	8°45	5°31	8°38	2°43	3°27	26°46	n.a.	W20
T 21	1 18 4	18°24'25	4♍12	1♏19	18°32	0°57	16°44	25°56	8°43	5°33	8°39	2°40	3°24	26°53	n.a.	T 21
F 22	1 22 1	19°25'23	16° 2	2°50	18°35	1°27	16°39	25°52	8°40	5°35	8°40	2°38	3°21	27° 0	n.a.	F 22
S 23	1 25 57	20°26'22	27°50	4°20	18°R35	1°57	16°33	25°49	8°38	5°37	8°41	2°36	3°17	27° 6	n.a.	S 23
S 24	1 29 54	21°27'23	9♎40	5°51	18°33	2°28	16°28	25°45	8°35	5°40	8°42	2°35	3°14	27°13	n.a.	S 24
M25	1 33 50	22°28'25	21°34	7°20	18°28	2°57	16°22	25°41	8°33	5°42	8°43	2°34	3°11	27°20	n.a.	M25
T 26	1 37 47	23°29'28	3♏32	8°50	18°21	3°27	16°17	25°38	8°31	5°44	8°44	2°D34	3° 8	27°27	n.a.	T 26
W27	1 41 44	24°30'32	15°38	10°19	18°11	3°57	16°13	25°34	8°28	5°46	8°45	2°34	3° 5	27°33	n.a.	W27
T 28	1 45 40	25°31'37	27°53	11°48	17°59	4°26	16° 8	25°30	8°26	5°48	8°46	2°34	3° 1	27°40	n.a.	T 28
F 29	1 49 37	26°32'43	10♐20	13°15	17°45	4°55	16° 3	25°26	8°24	5°50	8°46	2°35	2°58	27°47	n.a.	F 29
S 30	1 53 33	27°33'50	22°59	14°43	17°28	5°24	15°59	25°22	8°21	5°53	8°47	2°36	2°55	27°53	n.a.	S 30
S 31	1 57 30	28♎34'58	5♑54	16♏ 9	17♏ 8	5♌53	15♓55	25♉18	8♈19	5♎55	8♌48	2♏36	2♏52	28♍ 0	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n44	18s15	2n26	0n12	0n19	20s16	5s16	23n36	1n22	6s 2	1s48	18n 9	1s37	3n15	0s38	0s 8	1n58	32n14	14n18	12s42	13s12	0s52		n.a.
S 2	0 20	19 24	3 23	0s32	0 12	20 30	5 18	23 31	1 23	6 5	1 48	18 9	1 37	3 14	0 38	0 9	1 58	32 14	14 19	12 43	13 11	0 54		n.a.
S 3	0s 5	19 34	4 11	1 17	0 6	20 45	5 21	23 27	1 24	6 8	1 48	18 8	1 37	3 13	0 38	0 10	1 58	32 14	14 19	12 43	13 10	0 56		n.a.
M 4	0 29	18 42	4 47	2 1	0s 1	20 58	5 23	23 23	1 25	6 11	1 48	18 8	1 38	3 12	0 38	0 11	1 58	32 14	14 19	12 43	13 9	0 58		n.a.
T 5	0 53	16 44	5 9	2 46	0 7	21 11	5 25	23 18	1 26	6 14	1 47	18 7	1 38	3 11	0 38	0 11	1 58	32 14	14 20	12 42	13 8	1 0		n.a.
W 6	1 18	13 44	5 13	3 30	0 14	21 23	5 27	23 14	1 27	6 17	1 47	18 7	1 38	3 10	0 38	0 12	1 58	32 14	14 20	12 41	13 7	1 2		n.a.
T 7	1 42	9 48	4 57	4 13	0 20	21 34	5 28	23 9	1 28	6 20	1 47	18 6	1 38	3 9	0 38	0 13	1 58	32 14	14 21	12 40	13 6	1 4		n.a.
F 8	2 7	5 10	4 21	4 57	0 27	21 45	5 29	23 4	1 29	6 23	1 47	18 6	1 38	3 8	0 38	0 14	1 58	32 14	14 21	12 39	13 5	1 6		n.a.
S 9	2 31	0 8	3 26	5 40	0 33	21 54	5 30	23 0	1 30	6 25	1 47	18 5	1 38	3 7	0 38	0 15	1 58	32 14	14 21	12 37	13 4	1 8		n.a.
S 10	2 55	4n57	2 16	6 23	0 40	22 3	5 31	22 55	1 31	6 28	1 47	18 5	1 38	3 6	0 38	0 16	1 58	32 14	14 22	12 36	13 2	1 10		n.a.
M11	3 20	9 41	0 57	7 5	0 46	22 11	5 31	22 50	1 32	6 31	1 46	18 4	1 38	3 5	0 38	0 17	1 58	32 14	14 22	12 36	13 1	1 13		n.a.
T 12	3 44	13 44	0s25	7 47	0 52	22 18	5 31	22 45	1 33	6 33	1 46	18 3	1 38	3 4	0 38	0 18	1 58	32 14	14 23	12 36	13 0	1 15		n.a.
W13	4 8	16 50	1 43	8 29	0 58	22 25	5 31	22 39	1 34	6 36	1 46	18 3	1 38	3 3	0 38	0 19	1 58	32 14	14 23	12 36	12 59	1 17		n.a.
T 14	4 32	18 47	2 53	9 10	1 4	22 30	5 30	22 34	1 35	6 39	1 46	18 2	1 38	3 2	0 38	0 20	1 58	32 14	14 24	12 36	12 58	1 19		n.a.
F 15	4 56	19 34	3 51	9 50	1 10	22 34	5 29	22 29	1 36	6 41	1 46	18 1	1 38	3 1	0 38	0 20	1 58	32 14	14 24	12 37	12 57	1 21		n.a.
S 16	5 21	19 13	4 34	10 31	1 16	22 37	5 28	22 23	1 37	6 43	1 45	18 1	1 38	3 0	0 38	0 21	1 58	32 14	14 25	12 37	12 56	1 23		n.a.
S 17	5 44	17 53	5 2	11 10	1 22	22 40	5 26	22 18	1 38	6 46	1 45	18 0	1 38	3 0	0 38	0 22	1 58	32 14	14 25	12 37	12 55	1 25		n.a.
M18	6 8	15 44	5 15	11 49	1 27	22 41	5 24	22 12	1 39	6 48	1 45	17 59	1 38	2 59	0 38	0 23	1 58	32 15	14 26	12 37	12 54	1 27		n.a.
T 19	6 32	12 55	5 14	12 28	1 33	22 41	5 21	22 7	1 40	6 50	1 45	17 58	1 38	2 58	0 38	0 24	1 58	32 15	14 26	12 37	12 53	1 29		n.a.
W20	6 56	9 36	4 58	13 6	1 38	22 40	5 18	22 1	1 41	6 52	1 44	17 58	1 38	2 57	0 38	0 25	1 58	32 15	14 27	12 36	12 51	1 31		n.a.
T 21	7 19	5 56	4 30	13 43	1 43	22 38	5 14	21 56	1 43	6 55	1 44	17 57	1 38	2 56	0 38	0 26	1 59	32 15	14 27	12 35	12 50	1 33		n.a.
F 22	7 43	2 4	3 50	14 19	1 48	22 34	5 10	21 50	1 44	6 57	1 44	17 56	1 38	2 55	0 38	0 27	1 59	32 15	14 28	12 35	12 49	1 35		n.a.
S 23	8 6	1s53	3 1	14 55	1 52	22 30	5 5	21 44	1 45	6 59	1 44	17 55	1 38	2 54	0 38	0 28	1 59	32 15	14 28	12 34	12 48	1 37		n.a.
S 24	8 30	5 47	2 4	15 30	1 56	22 24	5 0	21 38	1 46	7 0	1 43	17 54	1 38	2 53	0 38	0 28	1 59	32 16	14 28	12 33	12 47	1 39		n.a.
M25	8 53	9 28	1 1	16 4	2 0	22 17	4 54	21 32	1 47	7 2	1 43	17 53	1 39	2 52	0 38	0 29	1 59	32 16	14 29	12 33	12 46	1 41		n.a.
T 26	9 16	12 48	0n 5	16 37	2 4	22 9	4 47	21 26	1 48	7 4	1 43	17 52	1 39	2 51	0 38	0 30	1 59	32 16	14 29	12 33	12 45	1 43		n.a.
W27	9 38	15 38	1 12	17 10	2 8	21 59	4 40	21 20	1 49	7 6	1 43	17 51	1 39	2 50	0 38	0 31	1 59	32 16	14 30	12 33	12 44	1 45		n.a.
T 28	10 1	17 47	2 16	17 41	2 11	21 48	4 32	21 14	1 51	7 7	1 42	17 50	1 39	2 49	0 38	0 32	1 59	32 17	14 30	12 33	12 43	1 47		n.a.
F 29	10 24	19 8	3 15	18 11	2 14	21 36	4 24	21 8	1 52	7 9	1 42	17 49	1 39	2 48	0 38	0 33	1 59	32 17	14 31	12 34	12 42	1 49		n.a.
S 30	10 46	19 32	4 5	18 40	2 16	21 23	4 15	21 2	1 53	7 10	1 42	17 48	1 39	2 47	0 38	0 33	1 59	32 17	14 32	12 34	12 40	1 51		n.a.
S 31	11s 8	18s57	4n44	19s 7	2s18	21s 8	4s 6	20n56	1n54	7s12	1s41	17n47	1s39	2n46	0s38	0s34	1n59	32n17	14n32	12s34	12s39	1s53		n.a.

Julian Day Number = 1355350.5, Delta T = 07h03m41s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'44, Lahiri = -17°47'43 Julian Calendar 1 Oct. 1003 BCE == Greg. Calendar 21 Sept. 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

NOVEMBER 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 1 26	29♎36'06	19♉ 8	17♏35	16°R47	6♌22	15°R51	25°R13	8°R17	5♎57	8♌48	2♏36	2♏49	28♍ 7	n.a.	M 1
T 2	2 5 23	0♏37'14	2♒41	18°59	16♏23	6°51	15♓47	25♉ 9	8♈14	5°59	8°49	2°R37	2°46	28°13	n.a.	T 2
W 3	2 9 19	1°38'24	16°36	20°22	15°57	7°19	15°44	25° 5	8°12	6° 1	8°50	2°36	2°42	28°20	n.a.	W 3
T 4	2 13 16	2°39'33	0♓51	21°44	15°29	7°47	15°40	25° 0	8°10	6° 3	8°50	2°D36	2°39	28°27	n.a.	T 4
F 5	2 17 13	3°40'43	15°26	23° 4	14°59	8°15	15°37	24°56	8° 8	6° 5	8°51	2°37	2°36	28°33	n.a.	F 5
S 6	2 21 9	4°41'54	0♈15	24°22	14°28	8°43	15°34	24°52	8° 6	6° 7	8°51	2°37	2°33	28°40	n.a.	S 6
S 7	2 25 6	5°43'05	15°12	25°37	13°55	9°10	15°31	24°47	8° 3	6° 9	8°52	2°37	2°30	28°47	n.a.	S 7
M 8	2 29 2	6°44'16	0♉10	26°50	13°21	9°37	15°29	24°42	8° 1	6°11	8°52	2°R37	2°27	28°53	n.a.	M 8
T 9	2 32 59	7°45'28	15° 0	27°59	12°46	10° 4	15°26	24°38	7°59	6°13	8°53	2°37	2°23	29° 0	n.a.	T 9
W10	2 36 55	8°46'41	29°34	29° 5	12°10	10°31	15°24	24°33	7°57	6°15	8°53	2°37	2°20	29° 7	n.a.	W10
T 11	2 40 52	9°47'54	13♊48	0♐ 6	11°34	10°58	15°22	24°28	7°55	6°17	8°53	2°36	2°17	29°13	n.a.	T 11
F 12	2 44 49	10°49'08	27°35	1° 2	10°57	11°24	15°20	24°24	7°53	6°19	8°54	2°35	2°14	29°20	n.a.	F 12
S 13	2 48 45	11°50'23	10♋57	1°52	10°21	11°51	15°19	24°19	7°51	6°21	8°54	2°34	2°11	29°27	n.a.	S 13
S 14	2 52 42	12°51'39	23°54	2°36	9°44	12°17	15°18	24°14	7°49	6°23	8°54	2°33	2° 7	29°33	n.a.	S 14
M15	2 56 38	13°52'55	6♌28	3°13	9° 9	12°42	15°16	24° 9	7°47	6°25	8°54	2°32	2° 4	29°40	n.a.	M15
T 16	3 0 35	14°54'11	18°44	3°41	8°34	13° 8	15°15	24° 4	7°45	6°27	8°55	2°D32	2° 1	29°47	n.a.	T 16
W17	3 4 31	15°55'28	0♍46	4° 0	8° 0	13°33	15°15	23°59	7°44	6°29	8°55	2°32	1°58	29°53	n.a.	W17
T 18	3 8 28	16°56'45	12°38	4°R 9	7°27	13°58	15°14	23°54	7°42	6°30	8°55	2°34	1°55	29°59	n.a.	T 18
F 19	3 12 24	17°58'03	24°27	4° 7	6°56	14°23	15°14	23°50	7°40	6°32	8°55	2°35	1°52	0♎ 7	n.a.	F 19
S 20	3 16 21	18°59'22	6♎15	3°54	6°26	14°47	15°D14	23°45	7°38	6°34	8°55	2°36	1°48	0°13	n.a.	S 20
S 21	3 20 18	20° 0'40	18° 8	3°29	5°58	15°11	15°14	23°40	7°37	6°36	8°R55	2°38	1°45	0°20	n.a.	S 21
M22	3 24 14	21° 1'59	0♏ 7	2°52	5°32	15°35	15°14	23°35	7°35	6°38	8°55	2°R38	1°42	0°27	n.a.	M22
T 23	3 28 11	22° 3'18	12°16	2° 4	5° 8	15°58	15°15	23°30	7°33	6°39	8°55	2°38	1°39	0°33	n.a.	T 23
W24	3 32 7	23° 4'37	24°36	1° 5	4°47	16°22	15°15	23°25	7°32	6°41	8°55	2°37	1°36	0°40	n.a.	W24
T 25	3 36 4	24° 5'56	7♐ 9	29♏58	4°27	16°45	15°16	23°20	7°30	6°43	8°55	2°34	1°33	0°47	n.a.	T 25
F 26	3 40 0	25° 7'15	19°55	28°43	4°10	17° 7	15°18	23°15	7°29	6°44	8°54	2°31	1°29	0°53	n.a.	F 26
S 27	3 43 57	26° 8'33	2♉55	27°24	3°56	17°29	15°19	23°10	7°28	6°46	8°54	2°27	1°26	1° 0	n.a.	S 27
S 28	3 47 53	27° 9'52	16° 7	26° 3	3°44	17°51	15°20	23° 5	7°26	6°48	8°54	2°23	1°23	1° 7	n.a.	S 28
M29	3 51 50	28°11'09	29°33	24°43	3°34	18°13	15°22	23° 0	7°25	6°49	8°54	2°20	1°20	1°13	n.a.	M29
T 30	3 55 47	29♏12'27	13♒11	23♏26	3♏27	18♌34	15♓24	22♉55	7♈24	6♎51	8♌54	2♏18	1♏17	1♎20	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	11s30	17s19	5n 9	19s34	2s19	20s52	3s55	20n50	1n55	7s13	1s41	17n46	1s39	2n45	0s38	0s35	1n59	32n18	14n33	12s34	12s38	1s55		n.a.
T 2	11 52	14 42	5 18	19 59	2 20	20 34	3 45	20 44	1 57	7 14	1 41	17 45	1 39	2 44	0 38	0 36	1 59	32 18	14 33	12 34	12 37	1 57		n.a.
W 3	12 14	11 12	5 9	20 22	2 21	20 16	3 33	20 38	1 58	7 15	1 41	17 44	1 39	2 44	0 38	0 37	1 59	32 18	14 34	12 34	12 36	1 59		n.a.
T 4	12 35	6 59	4 40	20 44	2 20	19 56	3 21	20 31	1 59	7 16	1 40	17 43	1 39	2 43	0 38	0 38	1 59	32 19	14 34	12 34	12 35	2 1		n.a.
F 5	12 56	2 15	3 54	21 5	2 20	19 35	3 9	20 25	2 0	7 17	1 40	17 42	1 39	2 42	0 38	0 38	1 59	32 19	14 35	12 34	12 34	2 3		n.a.
S 6	13 17	2n42	2 51	21 23	2 18	19 13	2 56	20 19	2 2	7 18	1 40	17 41	1 38	2 41	0 38	0 39	1 59	32 19	14 35	12 34	12 33	2 5		n.a.
S 7	13 38	7 32	1 35	21 40	2 16	18 50	2 42	20 13	2 3	7 19	1 39	17 40	1 38	2 40	0 38	0 40	1 59	32 20	14 36	12 34	12 32	2 7		n.a.
M 8	13 59	11 55	0 14	21 54	2 13	18 26	2 28	20 7	2 4	7 20	1 39	17 39	1 38	2 39	0 38	0 41	1 59	32 20	14 36	12 34	12 31	2 9		n.a.
T 9	14 19	15 30	1s 8	22 7	2 9	18 2	2 14	20 0	2 5	7 20	1 39	17 38	1 38	2 38	0 38	0 41	1 59	32 20	14 37	12 34	12 29	2 11		n.a.
W10	14 39	18 1	2 24	22 17	2 4	17 37	1 59	19 54	2 7	7 21	1 38	17 37	1 38	2 38	0 38	0 42	1 59	32 21	14 37	12 34	12 28	2 13		n.a.
T 11	14 59	19 21	3 30	22 25	1 58	17 11	1 44	19 48	2 8	7 21	1 38	17 36	1 38	2 37	0 38	0 43	1 59	32 21	14 38	12 34	12 27	2 15		n.a.
F 12	15 18	19 27	4 20	22 30	1 51	16 45	1 29	19 42	2 9	7 22	1 38	17 35	1 38	2 36	0 38	0 44	1 59	32 22	14 38	12 33	12 26	2 18		n.a.
S 13	15 37	18 27	4 55	22 33	1 43	16 18	1 13	19 36	2 11	7 22	1 37	17 33	1 38	2 35	0 38	0 44	1 59	32 22	14 39	12 33	12 25	2 20		n.a.
S 14	15 56	16 31	5 14	22 32	1 34	15 52	0 57	19 29	2 12	7 22	1 37	17 32	1 38	2 35	0 38	0 45	1 59	32 22	14 39	12 33	12 24	2 22		n.a.
M15	16 15	13 50	5 17	22 29	1 23	15 26	0 42	19 23	2 13	7 22	1 37	17 31	1 38	2 34	0 37	0 46	1 59	32 23	14 40	12 32	12 23	2 24		n.a.
T 16	16 34	10 37	5 5	22 23	1 11	14 59	0 26	19 17	2 15	7 22	1 36	17 30	1 38	2 33	0 37	0 47	1 59	32 23	14 40	12 32	12 22	2 26		n.a.
W17	16 52	7 1	4 40	22 13	0 58	14 34	0 11	19 11	2 16	7 22	1 36	17 29	1 38	2 32	0 37	0 47	1 59	32 24	14 41	12 33	12 21	2 28		n.a.
T 18	17 10	3 11	4 3	22 1	0 43	14 8	0n 5	19 5	2 18	7 22	1 36	17 28	1 38	2 32	0 37	0 48	1 59	32 24	14 41	12 33	12 19	2 30		n.a.
F 19	17 27	0s45	3 16	21 44	0 27	13 44	0 20	18 59	2 19	7 22	1 35	17 27	1 38	2 31	0 37	0 49	1 59	32 25	14 42	12 33	12 18	2 32		n.a.
S 20	17 44	4 40	2 21	21 25	0 10	13 20	0 35	18 53	2 21	7 22	1 35	17 25	1 38	2 30	0 37	0 49	1 59	32 25	14 42	12 34	12 17	2 34		n.a.
S 21	18 1	8 26	1 20	21 2	0n 9	12 57	0 49	18 47	2 22	7 21	1 35	17 24	1 38	2 30	0 37	0 50	1 59	32 26	14 43	12 34	12 16	2 36		n.a.
M22	18 18	11 54	0 14	20 36	0 28	12 35	1 3	18 42	2 23	7 21	1 34	17 23	1 38	2 29	0 37	0 51	2 0	32 26	14 43	12 35	12 15	2 38		n.a.
T 23	18 34	14 55	0n53	20 7	0 48	12 14	1 17	18 36	2 25	7 20	1 34	17 22	1 38	2 29	0 37	0 51	2 0	32 27	14 44	12 35	12 14	2 40		n.a.
W24	18 50	17 18	1 58	19 35	1 8	11 54	1 31	18 30	2 26	7 20	1 34	17 21	1 37	2 28	0 37	0 52	2 0	32 27	14 45	12 34	12 13	2 42		n.a.
T 25	19 5	18 54	2 59	19 1	1 28	11 35	1 44	18 24	2 28	7 19	1 33	17 20	1 37	2 27	0 37	0 53	2 0	32 28	14 45	12 33	12 12	2 44		n.a.
F 26	19 21	19 34	3 52	18 26	1 48	11 17	1 56	18 19	2 29	7 18	1 33	17 18	1 37	2 27	0 37	0 53	2 0	32 28	14 46	12 32	12 10	2 46		n.a.
S 27	19 35	19 13	4 34	17 51	2 6	11 1	2 8	18 13	2 31	7 18	1 32	17 17	1 37	2 26	0 37	0 54	2 0	32 29	14 46	12 31	12 9	2 48		n.a.
S 28	19 50	17 50	5 2	17 16	2 22	10 46	2 19	18 8	2 33	7 17	1 32	17 16	1 37	2 26	0 37	0 54	2 0	32 29	14 47	12 29	12 8	2 50		n.a.
M29	20 4	15 27	5 14	16 43	2 37	10 33	2 30	18 3	2 34	7 16	1 32	17 15	1 37	2 25	0 37	0 55	2 0	32 30	14 47	12 28	12 7	2 52		n.a.
T 30	20s18	12s12	5n 9	16s12	2n49	10s21	2n41	17n57	2n36	7s14	1s31	17n14	1s37	2n25	0s37	0s56	2n 0	32n31	14n48	12s27	12s 6	2s54		n.a.

Julian Day Number = 1355381.5, Delta T = 07h03m39s
Ecliptic obliquity = 23°48'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'40, Lahiri = -17°47'39 Julian Calendar 1 Nov. 1003 BCE == Greg. Calendar 22 Oct. 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1003 BCE
geocentric

DECEMBER 1003 BCE (-1002) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 59 43	0♐13'43	27♒ 2	22°R14	3°R22	18♌55	15♓26	22°R50	7°R22	6♎52	8°R53	2°D17	1♏13	1♎27	n.a.	W 1
T 2	4 3 40	1°14'59	11♓ 5	21♏10	3°D20	19°16	15°29	22♉45	7♈21	6°54	8♌53	2♏17	1°10	1°33	n.a.	T 2
F 3	4 7 36	2°16'14	25°19	20°14	3♏20	19°36	15°31	22°40	7°20	6°55	8°52	2°18	1° 7	1°40	n.a.	F 3
S 4	4 11 33	3°17'29	9♈42	19°27	3°23	19°56	15°34	22°35	7°19	6°57	8°52	2°20	1° 4	1°47	n.a.	S 4
S 5	4 15 29	4°18'43	24°12	18°51	3°28	20°15	15°37	22°30	7°18	6°58	8°52	2°21	1° 1	1°53	n.a.	S 5
M 6	4 19 26	5°19'56	8♉43	18°24	3°35	20°35	15°40	22°25	7°17	6°59	8°51	2°R21	0°58	2° 0	n.a.	M 6
T 7	4 23 23	6°21'08	23°11	18° 7	3°45	20°53	15°44	22°21	7°16	7° 1	8°51	2°19	0°54	2° 7	n.a.	T 7
W 8	4 27 19	7°22'20	7♊30	17°D59	3°57	21°12	15°47	22°16	7°15	7° 2	8°50	2°16	0°51	2°13	n.a.	W 8
T 9	4 31 16	8°23'32	21°34	18° 0	4°11	21°29	15°51	22°11	7°14	7° 3	8°49	2°11	0°48	2°20	n.a.	T 9
F 10	4 35 12	9°24'42	5♋19	18° 9	4°27	21°47	15°55	22° 7	7°13	7° 5	8°49	2° 5	0°45	2°27	n.a.	F 10
S 11	4 39 9	10°25'52	18°42	18°26	4°46	22° 4	15°59	22° 2	7°12	7° 6	8°48	1°58	0°42	2°33	n.a.	S 11
S 12	4 43 5	11°27'02	1♌42	18°49	5° 6	22°21	16° 3	21°57	7°12	7° 7	8°48	1°52	0°38	2°40	n.a.	S 12
M13	4 47 2	12°28'11	14°21	19°19	5°28	22°37	16° 8	21°53	7°11	7° 8	8°47	1°47	0°35	2°47	n.a.	M13
T 14	4 50 58	13°29'19	26°40	19°55	5°52	22°53	16°13	21°48	7°10	7°10	8°46	1°43	0°32	2°53	n.a.	T 14
W15	4 54 55	14°30'27	8♍44	20°35	6°18	23° 8	16°17	21°44	7°10	7°11	8°45	1°41	0°29	3° 0	n.a.	W15
T 16	4 58 52	15°31'34	20°38	21°20	6°46	23°23	16°23	21°40	7° 9	7°12	8°45	1°D41	0°26	3° 7	n.a.	T 16
F 17	5 2 48	16°32'41	2♎26	22°10	7°15	23°37	16°28	21°35	7° 9	7°13	8°44	1°42	0°23	3°13	n.a.	F 17
S 18	5 6 45	17°33'46	14°15	23° 3	7°46	23°51	16°33	21°31	7° 8	7°14	8°43	1°44	0°19	3°20	n.a.	S 18
S 19	5 10 41	18°34'52	26° 9	23°59	8°18	24° 4	16°39	21°27	7° 8	7°15	8°42	1°R45	0°16	3°27	n.a.	S 19
M20	5 14 38	19°35'56	8♏13	24°59	8°52	24°17	16°45	21°23	7° 8	7°16	8°41	1°45	0°13	3°33	n.a.	M20
T 21	5 18 34	20°36'59	20°31	26° 1	9°27	24°29	16°50	21°19	7° 8	7°17	8°40	1°43	0°10	3°40	n.a.	T 21
W22	5 22 31	21°38'02	3♐ 4	27° 6	10° 3	24°40	16°57	21°15	7° 7	7°18	8°39	1°39	0° 7	3°47	n.a.	W22
T 23	5 26 27	22°39'03	15°56	28°14	10°41	24°51	17° 3	21°11	7° 7	7°19	8°38	1°32	0° 4	3°53	n.a.	T 23
F 24	5 30 24	23°40'04	29° 4	29°23	11°20	25° 2	17° 9	21° 7	7° 7	7°20	8°37	1°24	0° 0	4° 0	n.a.	F 24
S 25	5 34 21	24°41'03	12♑29	0♐34	12° 1	25°12	17°16	21° 3	7°D 7	7°20	8°36	1°14	29♎57	4° 6	n.a.	S 25
S 26	5 38 17	25°42'00	26° 8	1°47	12°42	25°21	17°23	21° 0	7° 7	7°21	8°35	1° 4	29°54	4°13	n.a.	S 26
M27	5 42 14	26°42'57	9♒57	3° 2	13°25	25°30	17°30	20°56	7° 7	7°22	8°34	0°56	29°51	4°20	n.a.	M27
T 28	5 46 10	27°43'52	23°54	4°18	14° 8	25°38	17°37	20°53	7° 7	7°23	8°33	0°49	29°48	4°26	n.a.	T 28
W29	5 50 7	28°44'45	7♓56	5°36	14°53	25°46	17°44	20°49	7° 7	7°23	8°32	0°45	29°44	4°33	n.a.	W29
T 30	5 54 3	29°45'36	22° 1	6°55	15°38	25°52	17°51	20°46	7° 8	7°24	8°31	0°43	29°41	4°40	n.a.	T 30
F 31	5 58 0	0♑46'26	6♈ 7	8♐16	16♏25	25♌59	17♓59	20♉43	7♈ 8	7♎25	8♌30	0°D42	29♎38	4♎46	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20s31	8s13	4n45	15s44	2n59	10s10	2n51	17n52	2n37	7s13	1s31	17n13	1s37	2n24	0s37	0s56	2n 0	32n31	14n48	12s27	12s 5	2s56		n.a.
T 2	20 44	3 45	4 5	15 20	3 6	10 0	3 0	17 47	2 39	7 12	1 31	17 11	1 37	2 24	0 37	0 57	2 0	32 32	14 49	12 27	12 4	2 58		n.a.
F 3	20 56	1n 0	3 9	15 0	3 12	9 52	3 9	17 42	2 41	7 11	1 30	17 10	1 36	2 23	0 37	0 57	2 0	32 32	14 49	12 28	12 3	2 59		n.a.
S 4	21 8	5 45	2 1	14 45	3 15	9 45	3 17	17 37	2 42	7 9	1 30	17 9	1 36	2 23	0 37	0 58	2 0	32 33	14 50	12 28	12 1	3 1		n.a.
S 5	21 20	10 13	0 45	14 34	3 16	9 40	3 25	17 33	2 44	7 8	1 30	17 8	1 36	2 23	0 37	0 58	2 0	32 33	14 50	12 29	12 0	3 3		n.a.
M 6	21 31	14 5	0s35	14 27	3 15	9 35	3 32	17 28	2 45	7 6	1 29	17 7	1 36	2 22	0 37	0 59	2 0	32 34	14 51	12 29	11 59	3 5		n.a.
T 7	21 42	17 4	1 51	14 25	3 13	9 32	3 39	17 23	2 47	7 5	1 29	17 6	1 36	2 22	0 37	0 59	2 0	32 35	14 51	12 28	11 58	3 7		n.a.
W 8	21 53	18 56	3 0	14 26	3 9	9 30	3 45	17 19	2 49	7 3	1 29	17 5	1 36	2 22	0 37	1 0	2 0	32 35	14 52	12 27	11 57	3 9		n.a.
T 9	22 3	19 36	3 57	14 31	3 4	9 30	3 51	17 15	2 51	7 1	1 28	17 4	1 36	2 21	0 37	1 0	2 0	32 36	14 52	12 25	11 56	3 11		n.a.
F 10	22 12	19 5	4 38	14 39	2 58	9 30	3 56	17 10	2 52	6 59	1 28	17 3	1 35	2 21	0 37	1 1	2 1	32 37	14 52	12 23	11 55	3 13		n.a.
S 11	22 22	17 29	5 2	14 50	2 52	9 32	4 1	17 6	2 54	6 57	1 28	17 2	1 35	2 21	0 37	1 1	2 1	32 37	14 53	12 21	11 54	3 15		n.a.
S 12	22 30	15 3	5 11	15 3	2 45	9 34	4 6	17 3	2 56	6 55	1 27	17 1	1 35	2 20	0 37	1 2	2 1	32 38	14 53	12 18	11 52	3 17		n.a.
M13	22 39	11 57	5 3	15 19	2 37	9 38	4 10	16 59	2 58	6 53	1 27	17 0	1 35	2 20	0 37	1 2	2 1	32 38	14 54	12 17	11 51	3 19		n.a.
T 14	22 46	8 24	4 42	15 36	2 29	9 42	4 13	16 55	2 59	6 51	1 27	16 59	1 35	2 20	0 37	1 2	2 1	32 39	14 54	12 15	11 50	3 21		n.a.
W15	22 54	4 35	4 8	15 55	2 20	9 48	4 17	16 52	3 1	6 49	1 26	16 58	1 35	2 20	0 37	1 3	2 1	32 40	14 55	12 15	11 49	3 23		n.a.
T 16	23 1	0 39	3 25	16 16	2 12	9 54	4 20	16 49	3 3	6 47	1 26	16 57	1 34	2 20	0 36	1 3	2 1	32 40	14 55	12 15	11 48	3 25		n.a.
F 17	23 7	3s18	2 32	16 37	2 3	10 1	4 22	16 45	3 5	6 44	1 26	16 56	1 34	2 19	0 36	1 4	2 1	32 41	14 56	12 15	11 47	3 27		n.a.
S 18	23 13	7 8	1 33	16 59	1 54	10 9	4 25	16 43	3 7	6 42	1 25	16 55	1 34	2 19	0 36	1 4	2 1	32 42	14 56	12 16	11 46	3 29		n.a.
S 19	23 19	10 43	0 30	17 22	1 45	10 17	4 27	16 40	3 9	6 39	1 25	16 54	1 34	2 19	0 36	1 4	2 1	32 42	14 57	12 16	11 45	3 31		n.a.
M20	23 24	13 55	0n35	17 46	1 35	10 27	4 28	16 37	3 10	6 37	1 25	16 53	1 34	2 19	0 36	1 5	2 1	32 43	14 57	12 16	11 43	3 33		n.a.
T 21	23 28	16 33	1 40	18 10	1 26	10 36	4 30	16 35	3 12	6 34	1 25	16 52	1 34	2 19	0 36	1 5	2 1	32 44	14 57	12 15	11 42	3 35		n.a.
W22	23 33	18 28	2 41	18 34	1 17	10 47	4 31	16 33	3 14	6 31	1 24	16 51	1 33	2 19	0 36	1 5	2 1	32 44	14 58	12 14	11 41	3 37		n.a.
T 23	23 36	19 30	3 35	18 58	1 8	10 58	4 31	16 31	3 16	6 29	1 24	16 50	1 33	2 19	0 36	1 6	2 1	32 45	14 58	12 11	11 40	3 39		n.a.
F 24	23 39	19 30	4 19	19 22	0 59	11 10	4 32	16 29	3 18	6 26	1 24	16 50	1 33	2 19	0 36	1 6	2 1	32 46	14 59	12 8	11 39	3 41		n.a.
S 25	23 42	18 25	4 50	19 46	0 50	11 22	4 32	16 27	3 20	6 23	1 23	16 49	1 33	2 19	0 36	1 6	2 1	32 46	14 59	12 5	11 38	3 43		n.a.
S 26	23 44	16 16	5 5	20 10	0 41	11 34	4 32	16 26	3 22	6 20	1 23	16 48	1 33	2 19	0 36	1 6	2 2	32 47	14 59	12 2	11 37	3 45		n.a.
M27	23 46	13 11	5 2	20 34	0 32	11 47	4 32	16 25	3 24	6 17	1 23	16 47	1 32	2 19	0 36	1 7	2 2	32 48	15 0	11 59	11 36	3 47		n.a.
T 28	23 48	9 20	4 41	20 57	0 24	12 1	4 31	16 24	3 26	6 14	1 22	16 46	1 32	2 19	0 36	1 7	2 2	32 49	15 0	11 56	11 34	3 49		n.a.
W29	23 48	4 57	4 4	21 19	0 15	12 15	4 31	16 23	3 28	6 11	1 22	16 46	1 32	2 19	0 36	1 7	2 2	32 49	15 1	11 55	11 33	3 51		n.a.
T 30	23 49	0 17	3 12	21 41	0 7	12 29	4 30	16 22	3 30	6 7	1 22	16 45	1 32	2 19	0 36	1 7	2 2	32 50	15 1	11 54	11 32	3 53		n.a.
F 31	23s49	4n25	2n 8	22s 3	0s 1	12s43	4n29	16n22	3n32	6s 4	1s21	16n44	1s31	2n19	0s36	1s 7	2n 2	32n51	15n 1	11s54	11s31	3s55		n.a.

Julian Day Number = 1355411.5, Delta T = 07h03m37s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'35, Lahiri = -17°47'35 Julian Calendar 1 Dec. 1003 BCE == Greg. Calendar 21 Nov. 1003 BCE

The year -1002 astronomical counting style corresponds to year 1003 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

JANUARY 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 1 57	1♉47'14	20♈13	9♐37	17♏12	26♌ 4	18♓ 7	20°R40	7♈ 8	7♎25	8°R28	0♏43	29♎35	4♎53	n.a.	S 1
S 2	6 5 53	2°48'00	4♉19	11° 0	18° 1	26° 9	18°14	20♉37	7° 9	7°26	8♌27	0°R43	29°32	5° 0	n.a.	S 2
M 3	6 9 50	3°48'45	18°22	12°24	18°50	26°13	18°22	20°34	7° 9	7°26	8°26	0°42	29°29	5° 6	n.a.	M 3
T 4	6 13 46	4°49'28	2♊22	13°49	19°39	26°17	18°31	20°31	7° 9	7°27	8°25	0°38	29°25	5°13	n.a.	T 4
W 5	6 17 43	5°50'09	16°14	15°14	20°30	26°20	18°39	20°28	7°10	7°27	8°24	0°32	29°22	5°20	n.a.	W 5
T 6	6 21 39	6°50'48	29°57	16°41	21°21	26°22	18°47	20°25	7°11	7°28	8°22	0°22	29°19	5°26	n.a.	T 6
F 7	6 25 36	7°51'26	13♋25	18° 9	22°14	26°23	18°56	20°23	7°11	7°28	8°21	0°11	29°16	5°33	n.a.	F 7
S 8	6 29 32	8°52'02	26°37	19°38	23° 6	26°R24	19° 5	20°20	7°12	7°28	8°20	29♎59	29°13	5°40	n.a.	S 8
S 9	6 33 29	9°52'37	9♌31	21° 8	24° 0	26°24	19°13	20°18	7°13	7°29	8°18	29°47	29°10	5°46	n.a.	S 9
M10	6 37 26	10°53'10	22° 7	22°39	24°54	26°23	19°22	20°16	7°13	7°29	8°17	29°36	29° 6	5°53	n.a.	M10
T 11	6 41 22	11°53'42	4♍25	24°10	25°48	26°22	19°31	20°14	7°14	7°29	8°16	29°28	29° 3	6° 0	n.a.	T 11
W12	6 45 19	12°54'12	16°30	25°43	26°44	26°20	19°41	20°12	7°15	7°30	8°14	29°22	29° 0	6° 6	n.a.	W12
T 13	6 49 15	13°54'40	28°24	27°16	27°39	26°17	19°50	20°10	7°16	7°30	8°13	29°19	28°57	6°13	n.a.	T 13
F 14	6 53 12	14°55'07	10♎13	28°51	28°36	26°13	19°59	20° 8	7°17	7°30	8°11	29°18	28°54	6°20	n.a.	F 14
S 15	6 57 8	15°55'33	22° 2	0♉26	29°33	26° 8	20° 9	20° 6	7°18	7°30	8°10	29°D18	28°50	6°26	n.a.	S 15
S 16	7 1 5	16°55'57	3♏56	2° 3	0♐30	26° 3	20°19	20° 5	7°19	7°30	8° 8	29°R18	28°47	6°33	n.a.	S 16
M17	7 5 1	17°56'19	16° 1	3°40	1°28	25°57	20°29	20° 3	7°20	7°30	8° 7	29°17	28°44	6°40	n.a.	M17
T 18	7 8 58	18°56'40	28°22	5°18	2°26	25°50	20°39	20° 2	7°22	7°R30	8° 5	29°14	28°41	6°46	n.a.	T 18
W19	7 12 55	19°56'59	11♐ 3	6°57	3°25	25°42	20°49	20° 0	7°23	7°30	8° 4	29° 8	28°38	6°53	n.a.	W19
T 20	7 16 51	20°57'16	24° 7	8°37	4°24	25°33	20°59	19°59	7°24	7°30	8° 2	28°59	28°35	7° 0	n.a.	T 20
F 21	7 20 48	21°57'32	7♉33	10°19	5°24	25°24	21° 9	19°58	7°26	7°30	8° 1	28°48	28°31	7° 6	n.a.	F 21
S 22	7 24 44	22°57'46	21°21	12° 1	6°24	25°14	21°20	19°57	7°27	7°30	7°59	28°36	28°28	7°13	n.a.	S 22
S 23	7 28 41	23°57'58	5♒26	13°44	7°24	25° 3	21°30	19°56	7°28	7°30	7°58	28°23	28°25	7°20	n.a.	S 23
M24	7 32 37	24°58'07	19°43	15°28	8°25	24°52	21°41	19°56	7°30	7°29	7°56	28°12	28°22	7°26	n.a.	M24
T 25	7 36 34	25°58'15	4♓ 7	17°14	9°26	24°39	21°51	19°55	7°31	7°29	7°55	28° 3	28°19	7°33	n.a.	T 25
W26	7 40 30	26°58'20	18°31	19° 0	10°27	24°26	22° 2	19°54	7°33	7°29	7°53	27°56	28°16	7°40	n.a.	W26
T 27	7 44 27	27°58'23	2♈52	20°48	11°29	24°12	22°13	19°54	7°35	7°29	7°52	27°53	28°12	7°46	n.a.	T 27
F 28	7 48 24	28°58'24	17° 5	22°36	12°30	23°58	22°24	19°54	7°36	7°28	7°50	27°51	28° 9	7°53	n.a.	F 28
S 29	7 52 20	29°58'23	1♉ 9	24°26	13°33	23°42	22°35	19°54	7°38	7°28	7°49	27°51	28° 6	8° 0	n.a.	S 29
S 30	7 56 17	0♒58'19	15° 4	26°16	14°35	23°26	22°47	19°D54	7°40	7°28	7°47	27°51	28° 3	8° 6	n.a.	S 30
M31	8 0 13	1♒58'12	28♉50	28♉ 8	15♐38	23♌10	22♓58	19♉54	7♈42	7♎27	7♌45	27♎49	28♎ 0	8♎13	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s48	8n53	0n56	22s23	0s 9	12s58	4n27	16n22	3n34	6s 1	1s21	16n44	1s31	2n20	0s36	1s 8	2n 2	32n51	15n 2	11s54	11s30	3s57		n.a.	S 1
S 2	23 47	12 51	0s19	22 43	0 17	13 13	4 26	16 22	3 36	5 57	1 21	16 43	1 31	2 20	0 36	1 8	2 2	32 52	15 2	11 54	11 29	3 58		n.a.	S 2
M 3	23 45	16 5	1 33	23 2	0 24	13 28	4 24	16 22	3 38	5 54	1 21	16 43	1 31	2 20	0 36	1 8	2 2	32 53	15 2	11 54	11 28	4 0		n.a.	M 3
T 4	23 43	18 20	2 40	23 20	0 32	13 43	4 22	16 23	3 40	5 51	1 20	16 42	1 31	2 20	0 36	1 8	2 2	32 53	15 3	11 52	11 26	4 2		n.a.	T 4
W 5	23 41	19 29	3 38	23 37	0 39	13 58	4 20	16 24	3 42	5 47	1 20	16 42	1 30	2 21	0 36	1 8	2 2	32 54	15 3	11 50	11 25	4 4		n.a.	W 5
T 6	23 38	19 27	4 21	23 53	0 46	14 14	4 18	16 25	3 44	5 43	1 20	16 41	1 30	2 21	0 36	1 8	2 2	32 55	15 3	11 47	11 24	4 6		n.a.	T 6
F 7	23 34	18 19	4 50	24 9	0 52	14 30	4 16	16 26	3 46	5 40	1 20	16 41	1 30	2 21	0 36	1 8	2 2	32 55	15 4	11 43	11 23	4 8		n.a.	F 7
S 8	23 31	16 13	5 2	24 22	0 59	14 45	4 13	16 28	3 48	5 36	1 19	16 40	1 30	2 21	0 36	1 8	2 2	32 56	15 4	11 38	11 22	4 10		n.a.	S 8
S 9	23 26	13 22	4 58	24 35	1 5	15 1	4 10	16 30	3 50	5 32	1 19	16 40	1 29	2 22	0 36	1 8	2 3	32 57	15 4	11 34	11 21	4 12		n.a.	S 9
M10	23 21	9 57	4 40	24 47	1 11	15 17	4 8	16 32	3 52	5 28	1 19	16 39	1 29	2 22	0 36	1 9	2 3	32 57	15 5	11 30	11 20	4 14		n.a.	M10
T 11	23 16	6 11	4 9	24 57	1 16	15 33	4 5	16 34	3 53	5 25	1 18	16 39	1 29	2 22	0 36	1 9	2 3	32 58	15 5	11 27	11 18	4 16		n.a.	T 11
W12	23 11	2 14	3 27	25 6	1 22	15 49	4 2	16 37	3 55	5 21	1 18	16 39	1 29	2 23	0 35	1 9	2 3	32 59	15 5	11 25	11 17	4 18		n.a.	W12
T 13	23 4	1s44	2 36	25 14	1 27	16 4	3 59	16 40	3 57	5 17	1 18	16 38	1 29	2 23	0 35	1 9	2 3	32 59	15 5	11 24	11 16	4 20		n.a.	T 13
F 14	22 58	5 38	1 40	25 20	1 32	16 20	3 55	16 43	3 59	5 13	1 18	16 38	1 28	2 24	0 35	1 9	2 3	33 0	15 6	11 24	11 15	4 22		n.a.	F 14
S 15	22 51	9 18	0 39	25 25	1 36	16 35	3 52	16 46	4 1	5 9	1 17	16 38	1 28	2 24	0 35	1 9	2 3	33 1	15 6	11 24	11 14	4 24		n.a.	S 15
S 16	22 43	12 38	0n25	25 28	1 40	16 51	3 49	16 50	4 3	5 4	1 17	16 38	1 28	2 25	0 35	1 9	2 3	33 1	15 6	11 24	11 13	4 26		n.a.	S 16
M17	22 35	15 30	1 28	25 30	1 44	17 6	3 45	16 54	4 5	5 0	1 17	16 37	1 28	2 25	0 35	1 8	2 3	33 2	15 7	11 23	11 12	4 28		n.a.	M17
T 18	22 27	17 43	2 28	25 30	1 48	17 21	3 41	16 58	4 7	4 56	1 17	16 37	1 27	2 26	0 35	1 8	2 3	33 3	15 7	11 22	11 10	4 29		n.a.	T 18
W19	22 18	19 7	3 22	25 28	1 51	17 36	3 38	17 2	4 8	4 52	1 16	16 37	1 27	2 26	0 35	1 8	2 3	33 3	15 7	11 20	11 9	4 31		n.a.	W19
T 20	22 9	19 34	4 7	25 25	1 54	17 51	3 34	17 7	4 10	4 48	1 16	16 37	1 27	2 27	0 35	1 8	2 3	33 4	15 7	11 17	11 8	4 33		n.a.	T 20
F 21	21 59	18 56	4 40	25 20	1 56	18 6	3 30	17 12	4 12	4 43	1 16	16 37	1 27	2 27	0 35	1 8	2 3	33 5	15 7	11 13	11 7	4 35		n.a.	F 21
S 22	21 49	17 11	4 58	25 13	1 58	18 20	3 26	17 17	4 13	4 39	1 16	16 37	1 26	2 28	0 35	1 8	2 3	33 5	15 8	11 9	11 6	4 37		n.a.	S 22
S 23	21 39	14 23	4 58	25 5	2 0	18 34	3 22	17 22	4 15	4 34	1 15	16 37	1 26	2 28	0 35	1 8	2 4	33 6	15 8	11 4	11 5	4 39		n.a.	S 23
M24	21 28	10 42	4 40	24 54	2 1	18 48	3 18	17 27	4 17	4 30	1 15	16 37	1 26	2 29	0 35	1 8	2 4	33 6	15 8	11 0	11 4	4 41		n.a.	M24
T 25	21 17	6 22	4 4	24 42	2 2	19 1	3 14	17 33	4 18	4 25	1 15	16 37	1 26	2 30	0 35	1 8	2 4	33 7	15 8	10 57	11 2	4 43		n.a.	T 25
W26	21 5	1 40	3 12	24 27	2 2	19 14	3 9	17 39	4 20	4 21	1 15	16 37	1 25	2 30	0 35	1 7	2 4	33 8	15 8	10 54	11 1	4 45		n.a.	W26
T 27	20 53	3n 6	2 8	24 11	2 2	19 27	3 5	17 45	4 21	4 16	1 15	16 37	1 25	2 31	0 35	1 7	2 4	33 8	15 8	10 53	11 0	4 47		n.a.	T 27
F 28	20 41	7 41	0 57	23 53	2 2	19 40	3 1	17 51	4 22	4 12	1 14	16 38	1 25	2 32	0 35	1 7	2 4	33 9	15 9	10 52	10 59	4 49		n.a.	F 28
S 29	20 28	11 47	0s17	23 33	2 1	19 52	2 56	17 58	4 24	4 7	1 14	16 38	1 25	2 33	0 35	1 7	2 4	33 9	15 9	10 52	10 58	4 51		n.a.	S 29
S 30	20 15	15 11	1 30	23 10	1 59	20 4	2 52	18 4	4 25	4 2	1 14	16 38	1 24	2 33	0 35	1 7	2 4	33 10	15 9	10 52	10 57	4 52		n.a.	S 30
M31	20s 2	17n41	2s36	22s46	1s57	20s15	2n48	18n11	4n26	3s58	1s14	16n38	1s24	2n34	0s35	1s 6	2n 4	33n11	15n 9	10s52	10s55	4s54		n.a.	M31

Julian Day Number = 1355442.5, Delta T = 07h03m36s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'31, Lahiri = -17°47'31 Julian Calendar 1 Jan. 1002 BCE == Greg. Calendar 22 Dec. 1003 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

FEBRUARY 1002 BCE (-1001) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 4 10	2♒58'04	12♊27	0♒ 1	16♐41	22°R52	23♓ 9	19♉54	7♈43	7°R27	7°R44	27°R45	27♎56	8♎19	n.a.	T 1
W 2	8 8 6	3°57'53	25°54	1°55	17°45	22♌34	23°21	19°54	7°45	7♎26	7♌42	27♎37	27°53	8°26	n.a.	W 2
T 3	8 12 3	4°57'40	9♋11	3°50	18°48	22°16	23°32	19°55	7°47	7°26	7°41	27°27	27°50	8°33	n.a.	T 3
F 4	8 15 59	5°57'24	22°17	5°46	19°52	21°57	23°44	19°55	7°49	7°25	7°39	27°15	27°47	8°39	n.a.	F 4
S 5	8 19 56	6°57'06	5♌ 9	7°43	20°56	21°37	23°56	19°56	7°51	7°25	7°37	27° 1	27°44	8°46	n.a.	S 5
S 6	8 23 52	7°56'47	17°49	9°40	22° 1	21°17	24° 8	19°56	7°53	7°24	7°36	26°48	27°41	8°53	n.a.	S 6
M 7	8 27 49	8°56'25	0♍14	11°39	23° 5	20°57	24°19	19°57	7°55	7°23	7°34	26°36	27°37	8°59	n.a.	M 7
T 8	8 31 46	9°56'01	12°26	13°38	24°10	20°36	24°31	19°58	7°58	7°23	7°33	26°27	27°34	9° 6	n.a.	T 8
W 9	8 35 42	10°55'34	24°27	15°37	25°15	20°14	24°43	19°59	8° 0	7°22	7°31	26°20	27°31	9°13	n.a.	W 9
T 10	8 39 39	11°55'06	6♎19	17°37	26°20	19°53	24°56	20° 0	8° 2	7°21	7°29	26°16	27°28	9°19	n.a.	T 10
F 11	8 43 35	12°54'36	18° 7	19°37	27°25	19°30	25° 8	20° 2	8° 4	7°21	7°28	26°14	27°25	9°26	n.a.	F 11
S 12	8 47 32	13°54'04	29°56	21°37	28°31	19° 8	25°20	20° 3	8° 7	7°20	7°26	26°D14	27°22	9°33	n.a.	S 12
S 13	8 51 28	14°53'31	11♏49	23°37	29°37	18°45	25°32	20° 5	8° 9	7°19	7°25	26°R14	27°18	9°39	n.a.	S 13
M14	8 55 25	15°52'55	23°53	25°36	0♑43	18°23	25°45	20° 6	8°11	7°18	7°23	26°14	27°15	9°46	n.a.	M14
T 15	8 59 21	16°52'17	6♐14	27°33	1°49	17°59	25°57	20° 8	8°14	7°17	7°21	26°12	27°12	9°53	n.a.	T 15
W16	9 3 18	17°51'38	18°56	29°30	2°55	17°36	26°10	20°10	8°16	7°16	7°20	26° 8	27° 9	9°59	n.a.	W16
T 17	9 7 15	18°50'57	2♑ 2	1♓25	4° 2	17°13	26°23	20°12	8°19	7°16	7°18	26° 2	27° 6	10° 6	n.a.	T 17
F 18	9 11 11	19°50'13	15°36	3°18	5° 8	16°50	26°35	20°14	8°21	7°15	7°17	25°53	27° 2	10°13	n.a.	F 18
S 19	9 15 8	20°49'28	29°35	5° 8	6°15	16°27	26°48	20°16	8°24	7°14	7°15	25°43	26°59	10°19	n.a.	S 19
S 20	9 19 4	21°48'41	13♒57	6°55	7°22	16° 3	27° 1	20°18	8°26	7°13	7°14	25°33	26°56	10°26	n.a.	S 20
M21	9 23 1	22°47'51	28°37	8°39	8°29	15°40	27°14	20°21	8°29	7°12	7°12	25°23	26°53	10°33	n.a.	M21
T 22	9 26 57	23°46'59	13♓25	10°19	9°36	15°17	27°27	20°23	8°32	7°11	7°11	25°15	26°50	10°39	n.a.	T 22
W23	9 30 54	24°46'05	28°15	11°55	10°43	14°55	27°40	20°26	8°34	7° 9	7° 9	25°10	26°47	10°46	n.a.	W23
T 24	9 34 50	25°45'08	12♈58	13°27	11°51	14°32	27°53	20°29	8°37	7° 8	7° 8	25° 7	26°43	10°52	n.a.	T 24
F 25	9 38 47	26°44'09	27°29	14°53	12°58	14°10	28° 6	20°31	8°40	7° 7	7° 6	25°D 7	26°40	10°59	n.a.	F 25
S 26	9 42 43	27°43'08	11♉44	16°15	14° 6	13°48	28°19	20°34	8°43	7° 6	7° 5	25° 8	26°37	11° 6	n.a.	S 26
S 27	9 46 40	28°42'04	25°43	17°31	15°14	13°27	28°32	20°37	8°45	7° 5	7° 3	25°R 8	26°34	11°12	n.a.	S 27
M28	9 50 37	29♒40'58	9♊25	18♓41	16♑22	13♌ 6	28♓45	20♉40	8♈48	7♎ 4	7♌ 2	25♎ 8	26♎31	11♎19	n.a.	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	19s48	19n 8	3s32	22s19	1s54	20s26	2n43	18n18	4n27	3s53	1s14	16n39	1s24	2n35	0s35	1s 6	2n 4	33n11	15n 9	10s50	10s54	4s56		n.a.	T 1
W 2	19 34	19 29	4 16	21 51	1 51	20 36	2 38	18 25	4 28	3 48	1 13	16 39	1 24	2 36	0 35	1 6	2 4	33 12	15 9	10 47	10 53	4 58		n.a.	W 2
T 3	19 19	18 44	4 46	21 20	1 48	20 47	2 34	18 32	4 29	3 43	1 13	16 39	1 23	2 36	0 35	1 6	2 4	33 12	15 9	10 44	10 52	5 0		n.a.	T 3
F 4	19 5	17 1	4 59	20 48	1 43	20 56	2 29	18 39	4 29	3 38	1 13	16 40	1 23	2 37	0 35	1 5	2 4	33 13	15 9	10 39	10 51	5 2		n.a.	F 4
S 5	18 49	14 28	4 58	20 13	1 39	21 5	2 25	18 46	4 30	3 33	1 13	16 40	1 23	2 38	0 35	1 5	2 4	33 13	15 9	10 34	10 50	5 4		n.a.	S 5
S 6	18 34	11 17	4 41	19 36	1 33	21 14	2 20	18 53	4 31	3 29	1 13	16 40	1 23	2 39	0 35	1 5	2 4	33 14	15 10	10 29	10 49	5 6		n.a.	S 6
M 7	18 18	7 39	4 11	18 57	1 27	21 22	2 15	19 0	4 31	3 24	1 12	16 41	1 22	2 40	0 35	1 5	2 5	33 14	15 10	10 25	10 47	5 8		n.a.	M 7
T 8	18 2	3 46	3 30	18 16	1 20	21 30	2 11	19 8	4 32	3 19	1 12	16 41	1 22	2 41	0 35	1 4	2 5	33 15	15 10	10 22	10 46	5 10		n.a.	T 8
W 9	17 46	0s12	2 40	17 34	1 13	21 38	2 6	19 15	4 32	3 14	1 12	16 42	1 22	2 42	0 35	1 4	2 5	33 15	15 10	10 19	10 45	5 11		n.a.	W 9
T 10	17 29	4 8	1 44	16 49	1 5	21 44	2 1	19 22	4 32	3 8	1 12	16 42	1 22	2 42	0 34	1 4	2 5	33 16	15 10	10 17	10 44	5 13		n.a.	T 10
F 11	17 12	7 53	0 43	16 3	0 57	21 51	1 57	19 30	4 32	3 3	1 12	16 43	1 21	2 43	0 34	1 3	2 5	33 16	15 10	10 17	10 43	5 15		n.a.	F 11
S 12	16 55	11 19	0n20	15 16	0 48	21 56	1 52	19 37	4 32	2 58	1 11	16 44	1 21	2 44	0 34	1 3	2 5	33 17	15 10	10 17	10 42	5 17		n.a.	S 12
S 13	16 37	14 19	1 22	14 27	0 38	22 1	1 47	19 44	4 32	2 53	1 11	16 44	1 21	2 45	0 34	1 2	2 5	33 17	15 10	10 17	10 40	5 19		n.a.	S 13
M14	16 19	16 45	2 22	13 37	0 28	22 6	1 43	19 51	4 32	2 48	1 11	16 45	1 21	2 46	0 34	1 2	2 5	33 18	15 10	10 17	10 39	5 21		n.a.	M14
T 15	16 1	18 28	3 16	12 46	0 17	22 10	1 38	19 58	4 31	2 43	1 11	16 46	1 21	2 47	0 34	1 2	2 5	33 18	15 10	10 16	10 38	5 23		n.a.	T 15
W16	15 43	19 19	4 3	11 55	0 6	22 14	1 33	20 5	4 31	2 38	1 11	16 46	1 20	2 48	0 34	1 1	2 5	33 18	15 10	10 15	10 37	5 25		n.a.	W16
T 17	15 24	19 10	4 38	11 3	0n 6	22 16	1 29	20 12	4 30	2 32	1 11	16 47	1 20	2 49	0 34	1 1	2 5	33 19	15 10	10 12	10 36	5 27		n.a.	T 17
F 18	15 6	17 56	4 59	10 11	0 18	22 19	1 24	20 18	4 30	2 27	1 10	16 48	1 20	2 50	0 34	1 0	2 5	33 19	15 10	10 9	10 35	5 28		n.a.	F 18
S 19	14 47	15 37	5 3	9 18	0 30	22 21	1 19	20 25	4 29	2 22	1 10	16 49	1 20	2 51	0 34	1 0	2 5	33 20	15 10	10 5	10 33	5 30		n.a.	S 19
S 20	14 27	12 18	4 48	8 27	0 43	22 22	1 15	20 31	4 28	2 16	1 10	16 50	1 19	2 52	0 34	1 0	2 5	33 20	15 10	10 2	10 32	5 32		n.a.	S 20
M21	14 8	8 10	4 15	7 36	0 55	22 22	1 10	20 37	4 27	2 11	1 10	16 50	1 19	2 54	0 34	0 59	2 5	33 20	15 10	9 58	10 31	5 34		n.a.	M21
T 22	13 48	3 29	3 24	6 46	1 8	22 22	1 6	20 43	4 26	2 6	1 10	16 51	1 19	2 55	0 34	0 59	2 5	33 21	15 9	9 55	10 30	5 36		n.a.	T 22
W23	13 28	1n24	2 19	5 58	1 20	22 22	1 1	20 49	4 24	2 0	1 10	16 52	1 19	2 56	0 34	0 58	2 5	33 21	15 9	9 53	10 29	5 38		n.a.	W23
T 24	13 8	6 11	1 5	5 11	1 33	22 20	0 56	20 55	4 23	1 55	1 9	16 53	1 18	2 57	0 34	0 58	2 5	33 22	15 9	9 52	10 28	5 40		n.a.	T 24
F 25	12 48	10 32	0s13	4 26	1 45	22 18	0 52	21 0	4 22	1 50	1 9	16 54	1 18	2 58	0 34	0 57	2 6	33 22	15 9	9 52	10 26	5 42		n.a.	F 25
S 26	12 27	14 12	1 28	3 43	1 57	22 16	0 48	21 5	4 20	1 44	1 9	16 55	1 18	2 59	0 34	0 57	2 6	33 22	15 9	9 52	10 25	5 43		n.a.	S 26
S 27	12 6	16 57	2 37	3 2	2 8	22 13	0 43	21 10	4 18	1 39	1 9	16 56	1 18	3 0	0 34	0 56	2 6	33 22	15 9	9 52	10 24	5 45		n.a.	S 27
M28	11s46	18n40	3s35	2s25	2n19	22s 9	0n39	21n14	4n17	1s33	1s 9	16n57	1s17	3n 1	0s34	0s56	2n 6	33n23	15n 9	9s52	10s23	5s47		n.a.	M28

Julian Day Number = 1355473.5, Delta T = 07h03m34s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'27, Lahiri = -17°47'27 Julian Calendar 1 Feb. 1002 BCE == Greg. Calendar 22 Jan. 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

MARCH 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 54 33	0♓39'50	22♊50	19♓46	17♉30	12°R45	28♓59	20♉43	8♈51	7°R 3	7°R 0	25°R 5	26♎27	11♎26	n.a.	T 1
W 2	9 58 30	1°38'39	6♋ 1	20°44	18°38	12♌25	29°12	20°47	8°54	7♎ 1	6♌59	25♎ 1	26°24	11°32	n.a.	W 2
T 3	10 2 26	2°37'25	18°59	21°36	19°46	12° 5	29°25	20°50	8°57	7° 0	6°57	24°54	26°21	11°39	n.a.	T 3
F 4	10 6 23	3°36'10	1♌44	22°22	20°54	11°46	29°39	20°54	9° 0	6°59	6°56	24°46	26°18	11°46	n.a.	F 4
S 5	10 10 19	4°34'52	14°17	23° 1	22° 3	11°28	29°52	20°57	9° 3	6°57	6°55	24°37	26°15	11°52	n.a.	S 5
S 6	10 14 16	5°33'31	26°39	23°34	23°11	11°10	0♈ 6	21° 1	9° 6	6°56	6°53	24°27	26°12	11°59	n.a.	S 6
M 7	10 18 12	6°32'09	8♍51	24° 1	24°20	10°53	0°19	21° 5	9° 9	6°55	6°52	24°19	26° 8	12° 6	n.a.	M 7
T 8	10 22 9	7°30'44	20°53	24°20	25°28	10°36	0°33	21° 9	9°12	6°54	6°51	24°13	26° 5	12°12	n.a.	T 8
W 9	10 26 5	8°29'18	2♎48	24°34	26°37	10°20	0°46	21°12	9°15	6°52	6°49	24° 8	26° 2	12°19	n.a.	W 9
T 10	10 30 2	9°27'50	14°38	24°41	27°46	10° 5	1° 0	21°16	9°18	6°51	6°48	24° 6	25°59	12°26	n.a.	T 10
F 11	10 33 59	10°26'19	26°25	24°R41	28°55	9°51	1°14	21°21	9°21	6°49	6°47	24°D 5	25°56	12°32	n.a.	F 11
S 12	10 37 55	11°24'47	8♏13	24°36	0♒ 4	9°37	1°27	21°25	9°24	6°48	6°45	24° 6	25°53	12°39	n.a.	S 12
S 13	10 41 52	12°23'13	20° 7	24°25	1°13	9°24	1°41	21°29	9°28	6°46	6°44	24° 8	25°49	12°46	n.a.	S 13
M14	10 45 48	13°21'38	2♐11	24° 8	2°22	9°12	1°55	21°34	9°31	6°45	6°43	24° 9	25°46	12°52	n.a.	M14
T 15	10 49 45	14°20'00	14°30	23°47	3°32	9° 0	2° 9	21°38	9°34	6°44	6°42	24°R10	25°43	12°59	n.a.	T 15
W16	10 53 41	15°18'21	27° 9	23°21	4°41	8°49	2°22	21°43	9°37	6°42	6°41	24° 9	25°40	13° 5	n.a.	W16
T 17	10 57 38	16°16'41	10♑13	22°51	5°50	8°39	2°36	21°47	9°40	6°41	6°39	24° 7	25°37	13°12	n.a.	T 17
F 18	11 1 34	17°14'59	23°43	22°17	7° 0	8°30	2°50	21°52	9°44	6°39	6°38	24° 3	25°33	13°19	n.a.	F 18
S 19	11 5 31	18°13'14	7♒42	21°41	8° 9	8°22	3° 4	21°57	9°47	6°38	6°37	23°58	25°30	13°25	n.a.	S 19
S 20	11 9 28	19°11'29	22° 8	21° 3	9°19	8°14	3°18	22° 2	9°50	6°36	6°36	23°53	25°27	13°32	n.a.	S 20
M21	11 13 24	20° 9'41	6♓55	20°23	10°29	8° 8	3°32	22° 7	9°53	6°35	6°35	23°48	25°24	13°39	n.a.	M21
T 22	11 17 21	21° 7'52	21°56	19°43	11°38	8° 2	3°46	22°12	9°57	6°33	6°34	23°44	25°21	13°45	n.a.	T 22
W23	11 21 17	22° 6'01	7♈ 3	19° 3	12°48	7°56	4° 0	22°17	10° 0	6°31	6°33	23°41	25°18	13°52	n.a.	W23
T 24	11 25 14	23° 4'07	22° 6	18°23	13°58	7°52	4°14	22°22	10° 3	6°30	6°32	23°D41	25°14	13°59	n.a.	T 24
F 25	11 29 10	24° 2'12	6♉57	17°46	15° 8	7°49	4°28	22°27	10° 7	6°28	6°31	23°41	25°11	14° 5	n.a.	F 25
S 26	11 33 7	25° 0'15	21°30	17°10	16°18	7°46	4°42	22°33	10°10	6°27	6°30	23°42	25° 8	14°12	n.a.	S 26
S 27	11 37 3	25°58'16	5♊41	16°37	17°28	7°44	4°56	22°38	10°14	6°25	6°29	23°44	25° 5	14°19	n.a.	S 27
M28	11 41 0	26°56'15	19°29	16° 7	18°38	7°43	5°10	22°44	10°17	6°24	6°28	23°45	25° 2	14°25	n.a.	M28
T 29	11 44 56	27°54'12	2♋55	15°41	19°48	7°D42	5°24	22°49	10°20	6°22	6°27	23°R45	24°59	14°32	n.a.	T 29
W30	11 48 53	28°52'07	16° 1	15°18	20°59	7°43	5°38	22°55	10°24	6°20	6°26	23°44	24°55	14°39	n.a.	W30
T 31	11 52 50	29♓50'00	28♋48	15♓ 0	22♒ 9	7♌44	5♈52	23♉ 0	10♈27	6♎19	6♌26	23♎42	24♎52	14♎45	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s25	19n18	4s20	1s49	2n30	22s 5	0n34	21n19	4n15	1s28	1s 9	16n58	1s17	3n 3	0s34	0s55	2n 6	33n23	15n 9	9s51	10s22	5s49		n.a.
W 2	11 3	18 51	4 50	1 17	2 40	22 0	0 30	21 23	4 13	1 22	1 9	16 59	1 17	3 4	0 34	0 55	2 6	33 23	15 9	9 50	10 21	5 51		n.a.
T 3	10 42	17 25	5 5	0 48	2 48	21 54	0 26	21 26	4 11	1 17	1 8	17 1	1 17	3 5	0 34	0 54	2 6	33 24	15 8	9 47	10 19	5 53		n.a.
F 4	10 20	15 8	5 4	0 23	2 57	21 48	0 22	21 30	4 9	1 11	1 8	17 2	1 17	3 6	0 34	0 53	2 6	33 24	15 8	9 44	10 18	5 55		n.a.
S 5	9 59	12 12	4 49	0 0	3 4	21 41	0 17	21 33	4 7	1 6	1 8	17 3	1 16	3 7	0 34	0 53	2 6	33 24	15 8	9 41	10 17	5 56		n.a.
S 6	9 37	8 45	4 20	0n18	3 10	21 34	0 13	21 36	4 5	1 0	1 8	17 4	1 16	3 9	0 34	0 52	2 6	33 24	15 8	9 37	10 16	5 58		n.a.
M 7	9 15	4 59	3 40	0 34	3 15	21 26	0 9	21 39	4 2	0 54	1 8	17 5	1 16	3 10	0 34	0 52	2 6	33 25	15 8	9 34	10 15	6 0		n.a.
T 8	8 53	1 4	2 50	0 45	3 19	21 17	0 5	21 41	4 0	0 49	1 8	17 6	1 16	3 11	0 34	0 51	2 6	33 25	15 8	9 32	10 14	6 2		n.a.
W 9	8 31	2s51	1 53	0 53	3 22	21 8	0 1	21 44	3 58	0 43	1 8	17 8	1 15	3 12	0 34	0 51	2 6	33 25	15 7	9 30	10 12	6 4		n.a.
T 10	8 9	6 38	0 51	0 57	3 23	20 59	0s 3	21 46	3 55	0 38	1 8	17 9	1 15	3 14	0 34	0 50	2 6	33 25	15 7	9 29	10 11	6 6		n.a.
F 11	7 46	10 9	0n13	0 57	3 23	20 48	0 7	21 47	3 53	0 32	1 7	17 10	1 15	3 15	0 34	0 49	2 6	33 25	15 7	9 29	10 10	6 8		n.a.
S 12	7 24	13 16	1 16	0 54	3 22	20 37	0 10	21 49	3 50	0 26	1 7	17 12	1 15	3 16	0 34	0 49	2 6	33 25	15 7	9 29	10 9	6 9		n.a.
S 13	7 1	15 51	2 17	0 47	3 19	20 26	0 14	21 50	3 48	0 21	1 7	17 13	1 15	3 17	0 34	0 48	2 6	33 26	15 7	9 30	10 8	6 11		n.a.
M14	6 38	17 47	3 12	0 36	3 14	20 14	0 18	21 51	3 45	0 15	1 7	17 14	1 14	3 19	0 34	0 48	2 6	33 26	15 6	9 31	10 7	6 13		n.a.
T 15	6 16	18 55	4 0	0 22	3 9	20 1	0 21	21 51	3 42	0 9	1 7	17 16	1 14	3 20	0 34	0 47	2 6	33 26	15 6	9 31	10 5	6 15		n.a.
W16	5 53	19 9	4 38	0 5	3 1	19 48	0 25	21 52	3 40	0 4	1 7	17 17	1 14	3 21	0 34	0 46	2 6	33 26	15 6	9 30	10 4	6 17		n.a.
T 17	5 30	18 23	5 3	0s15	2 53	19 34	0 28	21 52	3 37	0n 2	1 7	17 18	1 14	3 23	0 34	0 46	2 6	33 26	15 6	9 30	10 3	6 19		n.a.
F 18	5 7	16 34	5 12	0 37	2 43	19 19	0 32	21 51	3 34	0 8	1 7	17 20	1 14	3 24	0 34	0 45	2 6	33 26	15 5	9 28	10 2	6 20		n.a.
S 19	4 44	13 45	5 3	1 2	2 31	19 5	0 35	21 51	3 31	0 13	1 7	17 21	1 13	3 25	0 34	0 45	2 6	33 26	15 5	9 26	10 1	6 22		n.a.
S 20	4 21	10 1	4 35	1 29	2 19	18 49	0 38	21 50	3 29	0 19	1 7	17 23	1 13	3 27	0 34	0 44	2 6	33 26	15 5	9 24	10 0	6 24		n.a.
M21	3 57	5 35	3 48	1 57	2 5	18 33	0 42	21 50	3 26	0 25	1 6	17 24	1 13	3 28	0 34	0 43	2 6	33 26	15 5	9 23	9 58	6 26		n.a.
T 22	3 34	0 43	2 45	2 26	1 51	18 17	0 45	21 49	3 23	0 30	1 6	17 26	1 13	3 29	0 34	0 43	2 6	33 26	15 4	9 21	9 57	6 28		n.a.
W23	3 11	4n13	1 30	2 56	1 36	18 0	0 48	21 47	3 20	0 36	1 6	17 27	1 13	3 31	0 34	0 42	2 6	33 26	15 4	9 20	9 56	6 30		n.a.
T 24	2 48	8 52	0 9	3 26	1 20	17 42	0 51	21 46	3 17	0 42	1 6	17 29	1 12	3 32	0 34	0 41	2 6	33 26	15 4	9 20	9 55	6 31		n.a.
F 25	2 24	12 55	1s12	3 56	1 4	17 24	0 54	21 44	3 15	0 48	1 6	17 30	1 12	3 33	0 34	0 41	2 6	33 26	15 4	9 20	9 54	6 33		n.a.
S 26	2 1	16 3	2 27	4 26	0 47	17 6	0 57	21 42	3 12	0 53	1 6	17 32	1 12	3 35	0 33	0 40	2 6	33 26	15 3	9 20	9 52	6 35		n.a.
S 27	1 38	18 8	3 31	4 54	0 30	16 47	0 59	21 40	3 9	0 59	1 6	17 34	1 12	3 36	0 33	0 39	2 7	33 26	15 3	9 21	9 51	6 37		n.a.
M28	1 14	19 4	4 20	5 21	0 14	16 27	1 2	21 37	3 6	1 5	1 6	17 35	1 12	3 37	0 33	0 39	2 7	33 26	15 3	9 21	9 50	6 39		n.a.
T 29	0 51	18 53	4 54	5 46	0s 3	16 8	1 5	21 35	3 3	1 10	1 6	17 37	1 11	3 39	0 33	0 38	2 7	33 26	15 2	9 21	9 49	6 40		n.a.
W30	0 27	17 40	5 12	6 10	0 19	15 47	1 7	21 32	3 1	1 16	1 6	17 38	1 11	3 40	0 33	0 37	2 7	33 26	15 2	9 21	9 48	6 42		n.a.
T 31	0s 4	15n36	5s13	6s32	0s34	15s27	1s10	21n29	2n58	1n22	1s 6	17n40	1s11	3n41	0s33	0s37	2n 7	33n26	15n 2	9s20	9s47	6s44		n.a.

Julian Day Number = 1355501.5, Delta T = 07h03m33s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'23, Lahiri = -17°47'23 Julian Calendar 1 March 1002 BCE == Greg. Calendar 19 Feb. 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

APRIL 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	11 56 46	0♈47'51	11♌19	14°R46	23♒19	7♌46	6♈ 6	23♉ 6	10♈31	6°R17	6°R25	23°R39	24♎49	14♎52	n.a.	F 1
S 2	12 0 43	1°45'40	23°38	14♓37	24°29	7°49	6°20	23°12	10°34	6♎15	6♌24	23♎35	24°46	14°58	n.a.	S 2
S 3	12 4 39	2°43'27	5♍46	14°D33	25°40	7°52	6°35	23°18	10°38	6°14	6°23	23°32	24°43	15° 5	n.a.	S 3
M 4	12 8 36	3°41'13	17°46	14°33	26°50	7°56	6°49	23°24	10°41	6°12	6°23	23°29	24°39	15°12	n.a.	M 4
T 5	12 12 32	4°38'57	29°40	14°38	28° 1	8° 1	7° 3	23°30	10°44	6°11	6°22	23°27	24°36	15°18	n.a.	T 5
W 6	12 16 29	5°36'39	11♎30	14°47	29°11	8° 6	7°17	23°36	10°48	6° 9	6°21	23°25	24°33	15°25	n.a.	W 6
T 7	12 20 25	6°34'20	23°18	15° 1	0♓22	8°13	7°31	23°42	10°51	6° 7	6°21	23°D25	24°30	15°32	n.a.	T 7
F 8	12 24 22	7°32'00	5♏ 6	15°20	1°32	8°19	7°45	23°48	10°55	6° 6	6°20	23°25	24°27	15°38	n.a.	F 8
S 9	12 28 18	8°29'38	16°57	15°43	2°43	8°27	7°59	23°55	10°58	6° 4	6°19	23°26	24°24	15°45	n.a.	S 9
S 10	12 32 15	9°27'15	28°55	16°10	3°54	8°35	8°13	24° 1	11° 2	6° 2	6°19	23°27	24°20	15°52	n.a.	S 10
M11	12 36 12	10°24'51	11♐ 2	16°41	5° 5	8°44	8°27	24° 7	11° 5	6° 1	6°18	23°29	24°17	15°58	n.a.	M11
T 12	12 40 8	11°22'25	23°23	17°17	6°15	8°53	8°41	24°14	11° 9	5°59	6°18	23°29	24°14	16° 5	n.a.	T 12
W13	12 44 5	12°19'59	6♑ 2	17°56	7°26	9° 4	8°56	24°20	11°12	5°58	6°17	23°30	24°11	16°12	n.a.	W13
T 14	12 48 1	13°17'31	19° 2	18°39	8°37	9°14	9°10	24°27	11°16	5°56	6°17	23°R30	24° 8	16°18	n.a.	T 14
F 15	12 51 58	14°15'03	2♒26	19°26	9°48	9°26	9°24	24°33	11°19	5°54	6°17	23°30	24° 4	16°25	n.a.	F 15
S 16	12 55 54	15°12'33	16°17	20°17	10°59	9°38	9°38	24°40	11°23	5°53	6°16	23°29	24° 1	16°32	n.a.	S 16
S 17	12 59 51	16°10'03	0♓34	21°10	12°10	9°50	9°52	24°47	11°26	5°51	6°16	23°28	23°58	16°38	n.a.	S 17
M18	13 3 47	17° 7'31	15°15	22° 8	13°21	10° 3	10° 6	24°53	11°29	5°50	6°16	23°27	23°55	16°45	n.a.	M18
T 19	13 7 44	18° 4'58	0♈13	23° 8	14°32	10°17	10°20	25° 0	11°33	5°48	6°15	23°27	23°52	16°51	n.a.	T 19
W20	13 11 41	19° 2'25	15°23	24°11	15°44	10°31	10°34	25° 7	11°36	5°46	6°15	23°27	23°49	16°58	n.a.	W20
T 21	13 15 37	19°59'50	0♉34	25°18	16°55	10°46	10°48	25°14	11°40	5°45	6°15	23°D27	23°45	17° 5	n.a.	T 21
F 22	13 19 34	20°57'14	15°36	26°28	18° 6	11° 1	11° 2	25°21	11°43	5°43	6°15	23°27	23°42	17°11	n.a.	F 22
S 23	13 23 30	21°54'37	0♊23	27°40	19°17	11°17	11°16	25°28	11°47	5°42	6°15	23°27	23°39	17°18	n.a.	S 23
S 24	13 27 27	22°51'59	14°48	28°56	20°29	11°33	11°30	25°35	11°50	5°40	6°14	23°27	23°36	17°25	n.a.	S 24
M25	13 31 23	23°49'19	28°47	0♈14	21°40	11°50	11°44	25°42	11°53	5°39	6°14	23°R27	23°33	17°31	n.a.	M25
T 26	13 35 20	24°46'38	12♋19	1°35	22°51	12° 7	11°58	25°49	11°57	5°37	6°14	23°27	23°30	17°38	n.a.	T 26
W27	13 39 16	25°43'56	25°27	2°58	24° 3	12°25	12°12	25°56	12° 0	5°36	6°D14	23°D27	23°26	17°45	n.a.	W27
T 28	13 43 13	26°41'13	8♌12	4°25	25°14	12°44	12°25	26° 3	12° 4	5°34	6°14	23°27	23°23	17°51	n.a.	T 28
F 29	13 47 10	27°38'29	20°38	5°54	26°25	13° 2	12°39	26°11	12° 7	5°33	6°14	23°27	23°20	17°58	n.a.	F 29
S 30	13 51 6	28♈35'43	2♍50	7♈26	27♓37	13♌22	12♈53	26♉18	12♈10	5♎31	6♌14	23♎28	23♎17	18♎ 5	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	0n19	12n51	5s 0	6s51	0s50	15s 5	1s12	21n26	2n55	1n28	1s 6	17n42	1s11	3n43	0s33	0s36	2n 7	33n26	15n 1	9s19	9s45	6s46		n.a.
S 2	0 43	9 34	4 33	7 8	1 4	14 44	1 14	21 22	2 52	1 33	1 5	17 43	1 11	3 44	0 33	0 35	2 7	33 26	15 1	9 18	9 44	6 48		n.a.
S 3	1 6	5 55	3 54	7 22	1 18	14 22	1 17	21 19	2 50	1 39	1 5	17 45	1 11	3 46	0 33	0 35	2 7	33 26	15 1	9 17	9 43	6 50		n.a.
M 4	1 29	2 5	3 4	7 34	1 31	13 59	1 19	21 15	2 47	1 45	1 5	17 47	1 10	3 47	0 33	0 34	2 7	33 26	15 0	9 15	9 42	6 51		n.a.
T 5	1 53	1s49	2 8	7 44	1 43	13 37	1 21	21 11	2 44	1 51	1 5	17 48	1 10	3 48	0 33	0 33	2 7	33 25	15 0	9 15	9 41	6 53		n.a.
W 6	2 16	5 37	1 5	7 50	1 55	13 14	1 23	21 7	2 41	1 56	1 5	17 50	1 10	3 50	0 33	0 33	2 7	33 25	15 0	9 14	9 39	6 55		n.a.
T 7	2 39	9 12	0 1	7 55	2 5	12 50	1 25	21 3	2 39	2 2	1 5	17 52	1 10	3 51	0 33	0 32	2 7	33 25	14 59	9 14	9 38	6 57		n.a.
F 8	3 2	12 25	1n 4	7 56	2 15	12 26	1 27	20 59	2 36	2 8	1 5	17 54	1 10	3 52	0 33	0 31	2 7	33 25	14 59	9 14	9 37	6 59		n.a.
S 9	3 25	15 8	2 7	7 55	2 24	12 2	1 28	20 54	2 34	2 13	1 5	17 55	1 10	3 54	0 33	0 31	2 7	33 25	14 59	9 14	9 36	7 0		n.a.
S 10	3 48	17 14	3 4	7 52	2 32	11 37	1 30	20 49	2 31	2 19	1 5	17 57	1 9	3 55	0 33	0 30	2 7	33 25	14 58	9 15	9 35	7 2		n.a.
M11	4 11	18 35	3 55	7 46	2 39	11 13	1 31	20 44	2 28	2 25	1 5	17 59	1 9	3 57	0 33	0 30	2 7	33 24	14 58	9 15	9 34	7 4		n.a.
T 12	4 34	19 4	4 35	7 38	2 45	10 47	1 33	20 39	2 26	2 30	1 5	18 0	1 9	3 58	0 33	0 29	2 7	33 24	14 58	9 16	9 32	7 6		n.a.
W13	4 57	18 38	5 3	7 27	2 51	10 22	1 34	20 34	2 23	2 36	1 5	18 2	1 9	3 59	0 33	0 28	2 7	33 24	14 57	9 16	9 31	7 7		n.a.
T 14	5 20	17 13	5 17	7 14	2 55	9 56	1 36	20 29	2 21	2 42	1 5	18 4	1 9	4 1	0 33	0 28	2 7	33 24	14 57	9 16	9 30	7 9		n.a.
F 15	5 42	14 50	5 14	6 59	2 59	9 30	1 37	20 23	2 18	2 47	1 5	18 6	1 9	4 2	0 33	0 27	2 7	33 23	14 56	9 16	9 29	7 11		n.a.
S 16	6 5	11 33	4 53	6 42	3 2	9 4	1 38	20 18	2 16	2 53	1 5	18 8	1 8	4 3	0 33	0 26	2 7	33 23	14 56	9 15	9 28	7 13		n.a.
S 17	6 27	7 30	4 14	6 22	3 4	8 37	1 39	20 12	2 13	2 59	1 5	18 9	1 8	4 5	0 33	0 26	2 7	33 23	14 56	9 15	9 26	7 15		n.a.
M18	6 50	2 53	3 17	6 1	3 6	8 11	1 40	20 6	2 11	3 4	1 5	18 11	1 8	4 6	0 33	0 25	2 7	33 23	14 55	9 15	9 25	7 16		n.a.
T 19	7 12	2n 0	2 6	5 37	3 7	7 44	1 41	20 0	2 8	3 10	1 5	18 13	1 8	4 8	0 33	0 24	2 7	33 22	14 55	9 15	9 24	7 18		n.a.
W20	7 34	6 50	0 45	5 11	3 7	7 16	1 42	19 53	2 6	3 15	1 5	18 15	1 8	4 9	0 33	0 24	2 7	33 22	14 55	9 15	9 23	7 20		n.a.
T 21	7 56	11 14	0s40	4 44	3 6	6 49	1 43	19 47	2 3	3 21	1 5	18 17	1 8	4 10	0 33	0 23	2 6	33 22	14 54	9 15	9 22	7 22		n.a.
F 22	8 18	14 51	2 0	4 14	3 4	6 21	1 43	19 40	2 1	3 27	1 5	18 18	1 7	4 12	0 33	0 23	2 6	33 21	14 54	9 15	9 20	7 24		n.a.
S 23	8 40	17 26	3 11	3 43	3 2	5 53	1 44	19 34	1 59	3 32	1 4	18 20	1 7	4 13	0 33	0 22	2 6	33 21	14 53	9 15	9 19	7 25		n.a.
S 24	9 2	18 49	4 9	3 10	3 0	5 25	1 44	19 27	1 56	3 38	1 4	18 22	1 7	4 14	0 33	0 21	2 6	33 21	14 53	9 15	9 18	7 27		n.a.
M25	9 23	18 59	4 49	2 36	2 56	4 57	1 45	19 20	1 54	3 43	1 4	18 24	1 7	4 16	0 33	0 21	2 6	33 20	14 53	9 15	9 17	7 29		n.a.
T 26	9 44	18 3	5 12	1 59	2 52	4 29	1 45	19 13	1 52	3 49	1 4	18 26	1 7	4 17	0 33	0 20	2 6	33 20	14 52	9 15	9 16	7 31		n.a.
W27	10 6	16 10	5 18	1 21	2 47	4 0	1 45	19 5	1 50	3 54	1 4	18 28	1 7	4 18	0 33	0 20	2 6	33 20	14 52	9 15	9 14	7 32		n.a.
T 28	10 27	13 33	5 8	0 41	2 42	3 32	1 45	18 58	1 47	4 0	1 4	18 29	1 7	4 20	0 33	0 19	2 6	33 19	14 51	9 15	9 13	7 34		n.a.
F 29	10 48	10 22	4 43	0 0	2 36	3 3	1 46	18 50	1 45	4 5	1 4	18 31	1 6	4 21	0 33	0 18	2 6	33 19	14 51	9 15	9 12	7 36		n.a.
S 30	11n 8	6n48	4s 6	0n42	2s30	2s34	1s46	18n43	1n43	4n11	1s 4	18n33	1s 6	4n22	0s33	0s18	2n 6	33n18	14n51	9s15	9s11	7s38		n.a.

Julian Day Number = 1355532.5, Delta T = 07h03m31s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'19, Lahiri = -17°47'19 Julian Calendar 1 Apr. 1002 BCE == Greg. Calendar 22 March 1002 BCE

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

MAY 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 55 3	29♈32'57	14♍50	9♈ 0	28♓48	13♌41	13♈ 7	26♉25	12♈14	5°R30	6♌14	23♎28	23♎14	18♎11	n.a.	S 1
M 2	13 58 59	0♉30'09	26°43	10°37	29°59	14° 1	13°21	26°33	12°17	5♎28	6°15	23°29	23°10	18°18	n.a.	M 2
T 3	14 2 56	1°27'20	8♎32	12°17	1♈12	14°22	13°34	26°40	12°20	5°27	6°15	23°29	23° 7	18°25	n.a.	T 3
W 4	14 6 52	2°24'31	20°19	13°59	2°23	14°43	13°48	26°47	12°24	5°25	6°15	23°R30	23° 4	18°31	n.a.	W 4
T 5	14 10 49	3°21'41	2♏ 8	15°44	3°35	15° 4	14° 2	26°55	12°27	5°24	6°15	23°30	23° 1	18°38	n.a.	T 5
F 6	14 14 45	4°18'50	14° 0	17°31	4°46	15°26	14°15	27° 2	12°30	5°23	6°15	23°29	22°58	18°44	n.a.	F 6
S 7	14 18 42	5°15'59	25°59	19°21	5°58	15°48	14°29	27°10	12°34	5°21	6°16	23°28	22°55	18°51	n.a.	S 7
S 8	14 22 39	6°13'08	8♐ 5	21°14	7°10	16°11	14°42	27°17	12°37	5°20	6°16	23°26	22°51	18°58	n.a.	S 8
M 9	14 26 35	7°10'15	20°22	23° 8	8°22	16°33	14°56	27°25	12°40	5°19	6°16	23°24	22°48	19° 4	n.a.	M 9
T 10	14 30 32	8° 7'23	2♑51	25° 5	9°34	16°57	15° 9	27°32	12°43	5°17	6°17	23°22	22°45	19°11	n.a.	T 10
W11	14 34 28	9° 4'30	15°35	27° 5	10°45	17°20	15°23	27°40	12°47	5°16	6°17	23°21	22°42	19°18	n.a.	W11
T 12	14 38 25	10° 1'37	28°36	29° 6	11°57	17°44	15°36	27°47	12°50	5°15	6°18	23°20	22°39	19°24	n.a.	T 12
F 13	14 42 21	10°58'44	11♒58	1♉10	13° 9	18° 9	15°50	27°55	12°53	5°14	6°18	23°D19	22°35	19°31	n.a.	F 13
S 14	14 46 18	11°55'51	25°40	3°15	14°21	18°33	16° 3	28° 3	12°56	5°12	6°19	23°20	22°32	19°38	n.a.	S 14
S 15	14 50 15	12°52'58	9♓45	5°22	15°33	18°58	16°16	28°10	12°59	5°11	6°19	23°21	22°29	19°44	n.a.	S 15
M16	14 54 11	13°50'05	24°11	7°30	16°45	19°24	16°30	28°18	13° 2	5°10	6°20	23°22	22°26	19°51	n.a.	M16
T 17	14 58 8	14°47'11	8♈55	9°39	17°57	19°49	16°43	28°26	13° 5	5° 9	6°20	23°23	22°23	19°58	n.a.	T 17
W18	15 2 4	15°44'18	23°52	11°49	19° 9	20°16	16°56	28°33	13° 8	5° 8	6°21	23°R24	22°20	20° 4	n.a.	W18
T 19	15 6 1	16°41'24	8♉55	14° 0	20°22	20°42	17° 9	28°41	13°11	5° 6	6°22	23°23	22°16	20°11	n.a.	T 19
F 20	15 9 57	17°38'31	23°55	16°11	21°34	21° 9	17°22	28°49	13°14	5° 5	6°22	23°21	22°13	20°17	n.a.	F 20
S 21	15 13 54	18°35'37	8♊45	18°21	22°46	21°35	17°35	28°57	13°17	5° 4	6°23	23°19	22°10	20°24	n.a.	S 21
S 22	15 17 50	19°32'43	23°15	20°32	23°58	22° 3	17°48	29° 4	13°20	5° 3	6°24	23°15	22° 7	20°31	n.a.	S 22
M23	15 21 47	20°29'49	7♋21	22°42	25°10	22°30	18° 1	29°12	13°23	5° 2	6°25	23°11	22° 4	20°37	n.a.	M23
T 24	15 25 44	21°26'54	21° 0	24°52	26°23	22°58	18°14	29°20	13°26	5° 1	6°25	23° 8	22° 1	20°44	n.a.	T 24
W25	15 29 40	22°24'00	4♌13	27° 0	27°35	23°26	18°27	29°28	13°29	5° 0	6°26	23° 6	21°57	20°51	n.a.	W25
T 26	15 33 37	23°21'04	17° 0	29° 7	28°47	23°55	18°39	29°36	13°32	4°59	6°27	23° 4	21°54	20°57	n.a.	T 26
F 27	15 37 33	24°18'09	29°26	1♊13	29°59	24°23	18°52	29°43	13°35	4°58	6°28	23°D 4	21°51	21° 4	n.a.	F 27
S 28	15 41 30	25°15'14	11♍36	3°18	1♉12	24°52	19° 5	29°51	13°38	4°57	6°29	23° 5	21°48	21°11	n.a.	S 28
S 29	15 45 26	26°12'18	23°33	5°21	2°24	25°22	19°17	29°59	13°40	4°57	6°30	23° 7	21°45	21°17	n.a.	S 29
M30	15 49 23	27° 9'22	5♎23	7°22	3°37	25°51	19°30	0♊ 7	13°43	4°56	6°31	23° 8	21°41	21°24	n.a.	M30
T 31	15 53 19	28♉ 6'26	17♎11	9♊22	4♉49	26♌21	19♈42	0♊15	13♈46	4♎55	6♌32	23°R10	21♎38	21♎31	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	11n29	3n 1	3s19	1n27	2s23	2s 5	1s45	18n35	1n41	4n16	1s 4	18n35	1s 6	4n24	0s33	0s17	2n 6	33n18	14n50	9s15	9s10	7s39			n.a.
M 2	11 50	0s52	2 23	2 12	2 15	1 36	1 45	18 27	1 39	4 22	1 4	18 37	1 6	4 25	0 33	0 17	2 6	33 18	14 50	9 15	9 9	7 41			n.a.
T 3	12 10	4 41	1 22	2 59	2 7	1 7	1 45	18 19	1 37	4 27	1 4	18 39	1 6	4 26	0 33	0 16	2 6	33 17	14 49	9 16	9 7	7 43			n.a.
W 4	12 30	8 20	0 18	3 47	1 59	0 38	1 45	18 11	1 35	4 32	1 4	18 41	1 6	4 28	0 33	0 16	2 6	33 17	14 49	9 16	9 6	7 45			n.a.
T 5	12 50	11 39	0n48	4 36	1 50	0 9	1 44	18 2	1 32	4 38	1 4	18 42	1 6	4 29	0 33	0 15	2 6	33 16	14 49	9 16	9 5	7 46			n.a.
F 6	13 9	14 31	1 51	5 26	1 40	0n20	1 44	17 54	1 30	4 43	1 4	18 44	1 6	4 30	0 33	0 15	2 6	33 16	14 48	9 16	9 4	7 48			n.a.
S 7	13 29	16 47	2 51	6 18	1 31	0 50	1 43	17 45	1 28	4 49	1 4	18 46	1 5	4 32	0 33	0 14	2 6	33 15	14 48	9 15	9 3	7 50			n.a.
S 8	13 48	18 20	3 43	7 10	1 21	1 19	1 43	17 36	1 26	4 54	1 4	18 48	1 5	4 33	0 33	0 14	2 6	33 15	14 47	9 14	9 1	7 52			n.a.
M 9	14 7	19 2	4 26	8 3	1 10	1 48	1 42	17 27	1 24	4 59	1 4	18 50	1 5	4 34	0 33	0 13	2 6	33 14	14 47	9 14	9 0	7 53			n.a.
T 10	14 26	18 50	4 56	8 56	1 0	2 18	1 41	17 18	1 22	5 4	1 4	18 52	1 5	4 35	0 33	0 13	2 6	33 14	14 47	9 13	8 59	7 55			n.a.
W11	14 45	17 42	5 14	9 50	0 49	2 47	1 41	17 9	1 21	5 10	1 4	18 53	1 5	4 37	0 33	0 12	2 6	33 13	14 46	9 12	8 58	7 57			n.a.
T 12	15 3	15 37	5 15	10 44	0 38	3 16	1 40	17 0	1 19	5 15	1 4	18 55	1 5	4 38	0 33	0 12	2 6	33 13	14 46	9 12	8 57	7 59			n.a.
F 13	15 21	12 40	5 0	11 38	0 27	3 45	1 39	16 51	1 17	5 20	1 4	18 57	1 5	4 39	0 33	0 11	2 6	33 12	14 45	9 12	8 55	8 0			n.a.
S 14	15 39	8 58	4 28	12 32	0 16	4 15	1 38	16 41	1 15	5 25	1 4	18 59	1 5	4 40	0 33	0 11	2 6	33 12	14 45	9 12	8 54	8 2			n.a.
S 15	15 57	4 40	3 38	13 26	0 5	4 44	1 37	16 31	1 13	5 30	1 4	19 1	1 5	4 42	0 33	0 10	2 6	33 11	14 45	9 12	8 53	8 4			n.a.
M16	16 14	0n 1	2 35	14 19	0n 6	5 13	1 36	16 21	1 11	5 36	1 4	19 3	1 4	4 43	0 33	0 10	2 6	33 11	14 44	9 13	8 52	8 6			n.a.
T 17	16 31	4 48	1 19	15 11	0 16	5 42	1 34	16 11	1 9	5 41	1 4	19 5	1 4	4 44	0 33	0 9	2 6	33 10	14 44	9 13	8 51	8 7			n.a.
W18	16 48	9 22	0s 3	16 2	0 27	6 11	1 33	16 1	1 7	5 46	1 4	19 6	1 4	4 45	0 33	0 9	2 6	33 10	14 43	9 13	8 49	8 9			n.a.
T 19	17 5	13 21	1 25	16 52	0 37	6 40	1 32	15 51	1 6	5 51	1 4	19 8	1 4	4 46	0 33	0 9	2 6	33 9	14 43	9 13	8 48	8 11			n.a.
F 20	17 21	16 27	2 40	17 40	0 46	7 8	1 31	15 41	1 4	5 56	1 4	19 10	1 4	4 48	0 33	0 8	2 6	33 9	14 43	9 13	8 47	8 13			n.a.
S 21	17 38	18 25	3 44	18 27	0 55	7 37	1 29	15 30	1 2	6 1	1 4	19 12	1 4	4 49	0 33	0 8	2 5	33 8	14 42	9 12	8 46	8 14			n.a.
S 22	17 53	19 6	4 32	19 11	1 4	8 5	1 28	15 20	1 0	6 6	1 5	19 14	1 4	4 50	0 33	0 7	2 5	33 7	14 42	9 10	8 45	8 16			n.a.
M23	18 9	18 34	5 2	19 54	1 12	8 33	1 26	15 9	0 59	6 11	1 5	19 15	1 4	4 51	0 33	0 7	2 5	33 7	14 41	9 9	8 43	8 18			n.a.
T 24	18 24	16 58	5 14	20 34	1 20	9 1	1 24	14 58	0 57	6 16	1 5	19 17	1 4	4 52	0 33	0 7	2 5	33 6	14 41	9 8	8 42	8 19			n.a.
W25	18 39	14 31	5 8	21 12	1 26	9 29	1 23	14 47	0 55	6 21	1 5	19 19	1 3	4 53	0 33	0 6	2 5	33 6	14 41	9 7	8 41	8 21			n.a.
T 26	18 54	11 25	4 47	21 47	1 33	9 57	1 21	14 36	0 54	6 26	1 5	19 21	1 3	4 55	0 33	0 6	2 5	33 5	14 40	9 6	8 40	8 23			n.a.
F 27	19 8	7 54	4 13	22 19	1 38	10 25	1 19	14 25	0 52	6 30	1 5	19 23	1 3	4 56	0 33	0 6	2 5	33 4	14 40	9 6	8 39	8 25			n.a.
S 28	19 22	4 7	3 28	22 49	1 43	10 52	1 18	14 13	0 50	6 35	1 5	19 24	1 3	4 57	0 33	0 5	2 5	33 4	14 39	9 7	8 37	8 26			n.a.
S 29	19 36	0 14	2 35	23 17	1 47	11 19	1 16	14 2	0 49	6 40	1 5	19 26	1 3	4 58	0 33	0 5	2 5	33 3	14 39	9 7	8 36	8 28			n.a.
M30	19 50	3s38	1 36	23 42	1 50	11 46	1 14	13 50	0 47	6 45	1 5	19 28	1 3	4 59	0 33	0 5	2 5	33 3	14 39	9 8	8 35	8 30			n.a.
T 31	20n 3	7s21	0s33	24n 4	1n53	12n12	1s12	13n38	0n45	6n50	1s 5	19n30	1s 3	5n 0	0s34	0s 5	2n 5	33n 2	14n38	9s 8	8s34	8s31			n.a.

Julian Day Number = 1355562.5, Delta T = 07h03m30s
Ecliptic obliquity = 23°48'45, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'15, Lahiri = -17°47'15 Julian Calendar 1 May 1002 BCE == Greg. Calendar 21 Apr. 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

JUNE 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	15 57 16	29♉ 3'30	28♎59	11♊19	6♉ 2	26♌51	19♈55	0♊23	13♈49	4°R54	6♌33	23°R10	21♎35	21♎37	n.a.	W 1
T 2	16 1 13	0♊ 0'35	10♏52	13°15	7°15	27°21	20° 7	0°31	13°51	4♎53	6°34	23♎ 8	21°32	21°44	n.a.	T 2
F 3	16 5 9	0°57'40	22°52	15° 9	8°27	27°52	20°19	0°38	13°54	4°53	6°35	23° 5	21°29	21°51	n.a.	F 3
S 4	16 9 6	1°54'45	5♐ 1	17° 1	9°40	28°22	20°31	0°46	13°56	4°52	6°36	23° 0	21°26	21°57	n.a.	S 4
S 5	16 13 2	2°51'50	17°21	18°52	10°52	28°53	20°43	0°54	13°59	4°51	6°37	22°54	21°22	22° 4	n.a.	S 5
M 6	16 16 59	3°48'56	29°53	20°40	12° 5	29°24	20°56	1° 2	14° 1	4°50	6°39	22°47	21°19	22°10	n.a.	M 6
T 7	16 20 55	4°46'02	12♑38	22°26	13°18	29°56	21° 7	1°10	14° 4	4°50	6°40	22°40	21°16	22°17	n.a.	T 7
W 8	16 24 52	5°43'09	25°35	24°11	14°31	0♒27	21°19	1°18	14° 6	4°49	6°41	22°33	21°13	22°24	n.a.	W 8
T 9	16 28 49	6°40'17	8♓46	25°53	15°43	0°59	21°31	1°25	14° 9	4°49	6°42	22°29	21°10	22°30	n.a.	T 9
F 10	16 32 45	7°37'25	22°12	27°34	16°56	1°31	21°43	1°33	14°11	4°48	6°44	22°26	21° 7	22°37	n.a.	F 10
S 11	16 36 42	8°34'35	5♈52	29°13	18° 9	2° 3	21°55	1°41	14°14	4°48	6°45	22°D25	21° 3	22°44	n.a.	S 11
S 12	16 40 38	9°31'45	19°48	0♋50	19°22	2°36	22° 6	1°49	14°16	4°47	6°46	22°25	21° 0	22°50	n.a.	S 12
M13	16 44 35	10°28'56	3♈59	2°25	20°35	3° 9	22°18	1°57	14°18	4°47	6°48	22°26	20°57	22°57	n.a.	M13
T 14	16 48 31	11°26'08	18°25	3°58	21°48	3°42	22°29	2° 4	14°20	4°46	6°49	22°R27	20°54	23° 4	n.a.	T 14
W15	16 52 28	12°23'21	3♉ 2	5°29	23° 1	4°15	22°40	2°12	14°23	4°46	6°50	22°26	20°51	23°10	n.a.	W15
T 16	16 56 24	13°20'35	17°45	6°58	24°14	4°48	22°52	2°20	14°25	4°46	6°52	22°24	20°47	23°17	n.a.	T 16
F 17	17 0 21	14°17'50	2♊30	8°25	25°27	5°21	23° 3	2°28	14°27	4°45	6°53	22°20	20°44	23°24	n.a.	F 17
S 18	17 4 18	15°15'06	17° 7	9°50	26°40	5°55	23°14	2°35	14°29	4°45	6°55	22°13	20°41	23°30	n.a.	S 18
S 19	17 8 14	16°12'22	1♋30	11°14	27°53	6°29	23°25	2°43	14°31	4°45	6°56	22° 5	20°38	23°37	n.a.	S 19
M20	17 12 11	17° 9'40	15°34	12°35	29° 7	7° 3	23°36	2°51	14°33	4°44	6°58	21°56	20°35	23°43	n.a.	M20
T 21	17 16 7	18° 6'58	29°13	13°54	0♊20	7°37	23°47	2°59	14°35	4°44	6°59	21°48	20°32	23°50	n.a.	T 21
W22	17 20 4	19° 4'17	12♌27	15°11	1°33	8°12	23°57	3° 6	14°37	4°44	7° 1	21°41	20°28	23°57	n.a.	W22
T 23	17 24 0	20° 1'36	25°16	16°26	2°46	8°47	24° 8	3°14	14°39	4°44	7° 2	21°36	20°25	24° 3	n.a.	T 23
F 24	17 27 57	20°58'57	7♍43	17°38	4° 0	9°21	24°18	3°22	14°41	4°44	7° 4	21°33	20°22	24°10	n.a.	F 24
S 25	17 31 53	21°56'17	19°53	18°48	5°13	9°56	24°29	3°29	14°42	4°44	7° 6	21°D32	20°19	24°17	n.a.	S 25
S 26	17 35 50	22°53'39	1♎50	19°56	6°26	10°31	24°39	3°37	14°44	4°44	7° 7	21°32	20°16	24°23	n.a.	S 26
M27	17 39 47	23°51'02	13°40	21° 1	7°40	11° 7	24°49	3°44	14°46	4°D44	7° 9	21°33	20°13	24°30	n.a.	M27
T 28	17 43 43	24°48'25	25°28	22° 4	8°53	11°42	24°59	3°52	14°47	4°44	7°11	21°R33	20° 9	24°37	n.a.	T 28
W29	17 47 40	25°45'49	7♏19	23° 4	10° 7	12°18	25° 9	3°59	14°49	4°44	7°12	21°32	20° 6	24°43	n.a.	W29
T 30	17 51 36	26♊43'15	19♏17	24♋ 1	11♊20	12♍54	25♈19	4♊ 7	14♈51	4♎44	7♌14	21♎28	20♎ 3	24♎50	n.a.	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	20n16	10s47	0n32	24n23	1n55	12n39	1s10	13n26	0n44	6n54	1s 5	19n31	1s 3	5n 1	0s34	0s 4	2n 5	33n 1	14n38	9s 8	8s33	8s33		n.a.
T 2	20 28	13 49	1 35	24 40	1 57	13 5	1 8	13 14	0 42	6 59	1 5	19 33	1 3	5 2	0 34	0 4	2 5	33 1	14 38	9 8	8 31	8 35		n.a.
F 3	20 40	16 17	2 35	24 55	1 57	13 30	1 6	13 2	0 41	7 4	1 5	19 35	1 3	5 3	0 34	0 4	2 5	33 0	14 37	9 6	8 30	8 37		n.a.
S 4	20 52	18 3	3 28	25 7	1 57	13 56	1 4	12 50	0 39	7 8	1 5	19 37	1 3	5 4	0 34	0 4	2 5	32 59	14 37	9 5	8 29	8 38		n.a.
S 5	21 3	19 1	4 12	25 17	1 57	14 21	1 1	12 38	0 38	7 13	1 5	19 38	1 3	5 5	0 34	0 3	2 5	32 59	14 37	9 2	8 28	8 40		n.a.
M 6	21 15	19 3	4 45	25 24	1 56	14 46	0 59	12 25	0 36	7 17	1 5	19 40	1 2	5 6	0 34	0 3	2 5	32 58	14 36	9 0	8 26	8 42		n.a.
T 7	21 25	18 9	5 5	25 29	1 54	15 10	0 57	12 13	0 35	7 22	1 5	19 42	1 2	5 7	0 34	0 3	2 5	32 57	14 36	8 57	8 25	8 43		n.a.
W 8	21 36	16 18	5 9	25 32	1 51	15 34	0 55	12 0	0 33	7 26	1 5	19 43	1 2	5 8	0 34	0 3	2 5	32 57	14 36	8 55	8 24	8 45		n.a.
T 9	21 46	13 34	4 57	25 33	1 49	15 58	0 53	11 47	0 32	7 31	1 5	19 45	1 2	5 9	0 34	0 3	2 4	32 56	14 35	8 53	8 23	8 47		n.a.
F 10	21 55	10 6	4 29	25 32	1 45	16 21	0 50	11 34	0 30	7 35	1 5	19 47	1 2	5 10	0 34	0 2	2 4	32 55	14 35	8 52	8 22	8 48		n.a.
S 11	22 5	6 1	3 45	25 30	1 41	16 44	0 48	11 21	0 29	7 39	1 5	19 48	1 2	5 11	0 34	0 2	2 4	32 55	14 35	8 51	8 20	8 50		n.a.
S 12	22 13	1 33	2 47	25 25	1 37	17 7	0 46	11 8	0 27	7 44	1 5	19 50	1 2	5 12	0 34	0 2	2 4	32 54	14 34	8 51	8 19	8 52		n.a.
M13	22 22	3n 6	1 38	25 19	1 32	17 29	0 43	10 55	0 26	7 48	1 6	19 52	1 2	5 12	0 34	0 2	2 4	32 53	14 34	8 52	8 18	8 53		n.a.
T 14	22 30	7 40	0 22	25 11	1 26	17 51	0 41	10 41	0 25	7 52	1 6	19 53	1 2	5 13	0 34	0 2	2 4	32 53	14 34	8 52	8 17	8 55		n.a.
W15	22 38	11 49	0s57	25 2	1 20	18 12	0 38	10 28	0 23	7 56	1 6	19 55	1 2	5 14	0 34	0 2	2 4	32 52	14 33	8 52	8 16	8 57		n.a.
T 16	22 45	15 17	2 12	24 51	1 14	18 33	0 36	10 14	0 22	8 0	1 6	19 57	1 2	5 15	0 34	0 2	2 4	32 51	14 33	8 51	8 14	8 58		n.a.
F 17	22 52	17 44	3 18	24 39	1 7	18 53	0 34	10 0	0 20	8 5	1 6	19 58	1 2	5 16	0 34	0 2	2 4	32 51	14 33	8 49	8 13	9 0		n.a.
S 18	22 59	19 1	4 11	24 26	1 0	19 13	0 31	9 47	0 19	8 9	1 6	20 0	1 2	5 17	0 34	0 2	2 4	32 50	14 32	8 47	8 12	9 2		n.a.
S 19	23 5	19 1	4 47	24 11	0 52	19 32	0 29	9 33	0 18	8 13	1 6	20 1	1 2	5 17	0 34	0 1	2 4	32 49	14 32	8 44	8 11	9 4		n.a.
M20	23 11	17 51	5 4	23 56	0 44	19 51	0 26	9 19	0 16	8 17	1 6	20 3	1 2	5 18	0 34	0 1	2 4	32 48	14 32	8 40	8 10	9 5		n.a.
T 21	23 16	15 41	5 4	23 40	0 35	20 9	0 24	9 4	0 15	8 21	1 6	20 4	1 1	5 19	0 34	0 1	2 4	32 48	14 32	8 37	8 8	9 7		n.a.
W22	23 21	12 45	4 46	23 22	0 27	20 27	0 21	8 50	0 14	8 25	1 6	20 6	1 1	5 20	0 34	0 1	2 4	32 47	14 31	8 35	8 7	9 9		n.a.
T 23	23 26	9 18	4 15	23 4	0 17	20 44	0 19	8 36	0 12	8 28	1 6	20 8	1 1	5 20	0 34	0 1	2 4	32 46	14 31	8 33	8 6	9 10		n.a.
F 24	23 30	5 31	3 33	22 46	0 8	21 1	0 16	8 21	0 11	8 32	1 6	20 9	1 1	5 21	0 34	0 1	2 3	32 46	14 31	8 32	8 5	9 12		n.a.
S 25	23 34	1 36	2 41	22 26	0s 2	21 17	0 14	8 7	0 10	8 36	1 6	20 11	1 1	5 22	0 34	0 1	2 3	32 45	14 30	8 31	8 3	9 13		n.a.
S 26	23 37	2s19	1 44	22 6	0 12	21 32	0 11	7 52	0 9	8 40	1 7	20 12	1 1	5 22	0 34	0 2	2 3	32 44	14 30	8 31	8 2	9 15		n.a.
M27	23 40	6 7	0 42	21 46	0 22	21 47	0 9	7 37	0 7	8 44	1 7	20 14	1 1	5 23	0 34	0 2	2 3	32 44	14 30	8 32	8 1	9 17		n.a.
T 28	23 42	9 40	0n21	21 26	0 33	22 2	0 6	7 22	0 6	8 47	1 7	20 15	1 1	5 24	0 34	0 2	2 3	32 43	14 30	8 32	8 0	9 18		n.a.
W29	23 45	12 51	1 23	21 5	0 44	22 15	0 4	7 8	0 5	8 51	1 7	20 17	1 1	5 24	0 34	0 2	2 3	32 42	14 29	8 31	7 59	9 20		n.a.
T 30	23n46	15s32	2n22	20n44	0s55	22n28	0s 1	6n52	0n 4	8n54	1s 7	20n18	1s 1	5n25	0s34	0s 2	2n 3	32n41	14n29	8s30	7s57	9s22		n.a.

Julian Day Number = 1355593.5, Delta T = 07h03m28s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'11, Lahiri = -17°47'10 Julian Calendar 1 June 1002 BCE == Greg. Calendar 22 May 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

JULY 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 55 33	27♊40'41	1♐25	24♋55	12♊34	13♍30	25♈29	4♊14	14♈52	4♎44	7♌16	21°R22	20♎ 0	24♎57	n.a.	F 1
S 2	17 59 29	28°38'08	13°47	25°46	13°47	14° 6	25°39	4°22	14°54	4°44	7°18	21♎14	19°57	25° 3	n.a.	S 2
S 3	18 3 26	29°35'37	26°23	26°34	15° 1	14°42	25°48	4°29	14°55	4°44	7°20	21° 4	19°53	25°10	n.a.	S 3
M 4	18 7 23	0♋33'07	9♉14	27°19	16°15	15°19	25°57	4°36	14°57	4°44	7°21	20°52	19°50	25°17	n.a.	M 4
T 5	18 11 19	1°30'38	22°20	27°59	17°28	15°55	26° 7	4°44	14°58	4°45	7°23	20°41	19°47	25°23	n.a.	T 5
W 6	18 15 16	2°28'11	5♒38	28°36	18°42	16°32	26°16	4°51	14°59	4°45	7°25	20°30	19°44	25°30	n.a.	W 6
T 7	18 19 12	3°25'45	19° 7	29° 9	19°56	17° 9	26°25	4°58	15° 0	4°45	7°27	20°22	19°41	25°36	n.a.	T 7
F 8	18 23 9	4°23'21	2♓47	29°38	21°10	17°46	26°34	5° 5	15° 2	4°46	7°29	20°16	19°38	25°43	n.a.	F 8
S 9	18 27 5	5°20'58	16°35	0♌ 3	22°23	18°23	26°43	5°13	15° 3	4°46	7°31	20°13	19°34	25°50	n.a.	S 9
S 10	18 31 2	6°18'37	0♈31	0°22	23°37	19° 1	26°52	5°20	15° 4	4°46	7°33	20°12	19°31	25°56	n.a.	S 10
M11	18 34 58	7°16'18	14°35	0°37	24°51	19°38	27° 0	5°27	15° 5	4°47	7°34	20°12	19°28	26° 3	n.a.	M11
T 12	18 38 55	8°14'01	28°47	0°47	26° 5	20°16	27° 9	5°34	15° 6	4°47	7°36	20°11	19°25	26°10	n.a.	T 12
W13	18 42 52	9°11'45	13♉ 4	0°R52	27°19	20°54	27°17	5°41	15° 7	4°48	7°38	20°10	19°22	26°16	n.a.	W13
T 14	18 46 48	10° 9'32	27°24	0°51	28°33	21°32	27°25	5°48	15° 8	4°48	7°40	20° 6	19°18	26°23	n.a.	T 14
F 15	18 50 45	11° 7'20	11♊44	0°44	29°47	22°10	27°33	5°55	15° 9	4°49	7°42	20° 0	19°15	26°30	n.a.	F 15
S 16	18 54 41	12° 5'10	25°59	0°32	1♋ 1	22°48	27°41	6° 2	15°10	4°50	7°44	19°50	19°12	26°36	n.a.	S 16
S 17	18 58 38	13° 3'02	10♋ 3	0°14	2°15	23°26	27°49	6° 8	15°10	4°50	7°46	19°39	19° 9	26°43	n.a.	S 17
M18	19 2 34	14° 0'55	23°52	29♋50	3°30	24° 5	27°56	6°15	15°11	4°51	7°48	19°27	19° 6	26°50	n.a.	M18
T 19	19 6 31	14°58'50	7♌21	29°20	4°44	24°44	28° 4	6°22	15°12	4°52	7°50	19°15	19° 3	26°56	n.a.	T 19
W20	19 10 27	15°56'47	20°29	28°45	5°58	25°22	28°11	6°29	15°12	4°52	7°52	19° 5	18°59	27° 3	n.a.	W20
T 21	19 14 24	16°54'45	3♍15	28° 4	7°12	26° 1	28°19	6°35	15°13	4°53	7°54	18°57	18°56	27°10	n.a.	T 21
F 22	19 18 21	17°52'44	15°41	27°19	8°26	26°40	28°26	6°42	15°14	4°54	7°57	18°51	18°53	27°16	n.a.	F 22
S 23	19 22 17	18°50'45	27°51	26°30	9°41	27°19	28°32	6°48	15°14	4°55	7°59	18°49	18°50	27°23	n.a.	S 23
S 24	19 26 14	19°48'48	9♎48	25°37	10°55	27°59	28°39	6°55	15°14	4°55	8° 1	18°48	18°47	27°29	n.a.	S 24
M25	19 30 10	20°46'52	21°38	24°42	12° 9	28°38	28°46	7° 1	15°15	4°56	8° 3	18°47	18°44	27°36	n.a.	M25
T 26	19 34 7	21°44'57	3♏26	23°46	13°24	29°18	28°52	7° 8	15°15	4°57	8° 5	18°47	18°40	27°43	n.a.	T 26
W27	19 38 3	22°43'04	15°19	22°49	14°38	29°57	28°59	7°14	15°15	4°58	8° 7	18°46	18°37	27°49	n.a.	W27
T 28	19 42 0	23°41'13	27°20	21°53	15°53	0♎37	29° 5	7°20	15°16	4°59	8° 9	18°42	18°34	27°56	n.a.	T 28
F 29	19 45 56	24°39'24	9♐35	20°59	17° 7	1°17	29°11	7°26	15°16	5° 0	8°11	18°36	18°31	28° 3	n.a.	F 29
S 30	19 49 53	25°37'36	22° 6	20° 9	18°21	1°57	29°16	7°33	15°16	5° 1	8°13	18°27	18°28	28° 9	n.a.	S 30
S 31	19 53 49	26♋35'50	4♉56	19♋23	19♋36	2♎37	29♈22	7♊39	15♈16	5♎ 2	8♌16	18♎16	18♎24	28♎16	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n47	17s34	3n16	20n23	1s 7	22n41	0n 1	6n37	0n 2	8n58	1s 7	20n19	1s 1	5n25	0s34	0s 2	2n 3	32n41	14n29	8s28	7s56	9s23		n.a.
S 2	23 48	18 49	4 1	20 2	1 18	22 53	0 4	6 22	0 1	9 1	1 7	20 21	1 1	5 26	0 34	0 2	2 3	32 40	14 29	8 25	7 55	9 25		n.a.
S 3	23 49	19 11	4 35	19 42	1 30	23 4	0 6	6 7	0 0	9 5	1 7	20 22	1 1	5 27	0 34	0 2	2 3	32 39	14 29	8 21	7 54	9 27		n.a.
M 4	23 49	18 34	4 56	19 22	1 42	23 14	0 9	5 51	0s 1	9 8	1 7	20 24	1 1	5 27	0 34	0 2	2 3	32 39	14 28	8 16	7 52	9 28		n.a.
T 5	23 48	16 58	5 2	19 2	1 54	23 24	0 11	5 36	0 2	9 11	1 7	20 25	1 1	5 28	0 34	0 2	2 3	32 38	14 28	8 12	7 51	9 30		n.a.
W 6	23 47	14 27	4 52	18 42	2 6	23 33	0 14	5 20	0 3	9 15	1 8	20 26	1 1	5 28	0 34	0 3	2 3	32 37	14 28	8 8	7 50	9 32		n.a.
T 7	23 46	11 7	4 25	18 24	2 18	23 42	0 16	5 5	0 5	9 18	1 8	20 28	1 1	5 29	0 34	0 3	2 3	32 36	14 28	8 5	7 49	9 33		n.a.
F 8	23 44	7 10	3 44	18 6	2 30	23 49	0 19	4 49	0 6	9 21	1 8	20 29	1 1	5 29	0 34	0 3	2 3	32 36	14 28	8 2	7 48	9 35		n.a.
S 9	23 42	2 48	2 48	17 49	2 42	23 56	0 21	4 33	0 7	9 24	1 8	20 30	1 1	5 29	0 34	0 3	2 2	32 35	14 27	8 1	7 46	9 37		n.a.
S 10	23 40	1n46	1 42	17 34	2 54	24 3	0 23	4 17	0 8	9 27	1 8	20 32	1 1	5 30	0 34	0 3	2 2	32 34	14 27	8 1	7 45	9 38		n.a.
M11	23 37	6 18	0 30	17 19	3 5	24 8	0 26	4 1	0 9	9 30	1 8	20 33	1 1	5 30	0 34	0 4	2 2	32 34	14 27	8 1	7 44	9 40		n.a.
T 12	23 33	10 30	0s45	17 6	3 17	24 13	0 28	3 45	0 10	9 33	1 8	20 34	1 1	5 31	0 34	0 4	2 2	32 33	14 27	8 1	7 43	9 41		n.a.
W13	23 29	14 8	1 58	16 54	3 28	24 17	0 30	3 29	0 11	9 36	1 8	20 36	1 1	5 31	0 34	0 4	2 2	32 32	14 27	8 0	7 42	9 43		n.a.
T 14	23 25	16 55	3 3	16 44	3 38	24 21	0 32	3 13	0 12	9 39	1 8	20 37	1 1	5 31	0 34	0 5	2 2	32 31	14 27	7 59	7 40	9 45		n.a.
F 15	23 20	18 38	3 57	16 36	3 48	24 23	0 35	2 57	0 13	9 42	1 9	20 38	1 1	5 32	0 34	0 5	2 2	32 31	14 26	7 56	7 39	9 46		n.a.
S 16	23 15	19 10	4 36	16 30	3 57	24 25	0 37	2 41	0 15	9 45	1 9	20 39	1 0	5 32	0 34	0 5	2 2	32 30	14 26	7 52	7 38	9 48		n.a.
S 17	23 10	18 30	4 57	16 26	4 5	24 26	0 39	2 24	0 16	9 47	1 9	20 41	1 0	5 32	0 34	0 5	2 2	32 29	14 26	7 48	7 37	9 50		n.a.
M18	23 4	16 45	5 0	16 24	4 12	24 27	0 41	2 8	0 17	9 50	1 9	20 42	1 0	5 33	0 34	0 6	2 2	32 29	14 26	7 44	7 35	9 51		n.a.
T 19	22 57	14 6	4 46	16 24	4 18	24 27	0 43	1 51	0 18	9 53	1 9	20 43	1 0	5 33	0 34	0 6	2 2	32 28	14 26	7 39	7 34	9 53		n.a.
W20	22 51	10 49	4 17	16 26	4 23	24 26	0 45	1 35	0 19	9 55	1 9	20 44	1 0	5 33	0 34	0 6	2 2	32 27	14 26	7 35	7 33	9 54		n.a.
T 21	22 43	7 7	3 36	16 31	4 26	24 24	0 47	1 18	0 20	9 58	1 9	20 45	1 0	5 33	0 35	0 7	2 2	32 27	14 26	7 32	7 32	9 56		n.a.
F 22	22 36	3 11	2 46	16 38	4 28	24 21	0 49	1 2	0 21	10 0	1 9	20 46	1 0	5 33	0 35	0 7	2 2	32 26	14 26	7 30	7 31	9 58		n.a.
S 23	22 28	0s47	1 49	16 48	4 28	24 18	0 51	0 45	0 22	10 3	1 10	20 48	1 0	5 34	0 35	0 8	2 2	32 25	14 26	7 29	7 29	9 59		n.a.
S 24	22 19	4 40	0 48	16 59	4 26	24 14	0 53	0 28	0 23	10 5	1 10	20 49	1 0	5 34	0 35	0 8	2 1	32 25	14 25	7 28	7 28	10 1		n.a.
M25	22 11	8 20	0n15	17 13	4 22	24 9	0 55	0 11	0 24	10 7	1 10	20 50	1 0	5 34	0 35	0 8	2 1	32 24	14 25	7 28	7 27	10 2		n.a.
T 26	22 1	11 39	1 17	17 29	4 16	24 4	0 57	0s 5	0 25	10 9	1 10	20 51	1 0	5 34	0 35	0 9	2 1	32 23	14 25	7 28	7 26	10 4		n.a.
W27	21 52	14 31	2 16	17 46	4 8	23 58	0 58	0 22	0 26	10 11	1 10	20 52	1 0	5 34	0 35	0 9	2 1	32 23	14 25	7 28	7 24	10 6		n.a.
T 28	21 42	16 48	3 9	18 5	3 59	23 51	1 0	0 39	0 27	10 13	1 10	20 53	1 0	5 34	0 35	0 10	2 1	32 22	14 25	7 26	7 23	10 7		n.a.
F 29	21 32	18 22	3 55	18 24	3 47	23 43	1 2	0 56	0 27	10 15	1 10	20 54	1 0	5 34	0 35	0 10	2 1	32 21	14 25	7 24	7 22	10 9		n.a.
S 30	21 21	19 5	4 30	18 45	3 34	23 35	1 3	1 13	0 28	10 17	1 10	20 55	1 0	5 34	0 35	0 11	2 1	32 21	14 25	7 21	7 21	10 10		n.a.
S 31	21n10	18s50	4n53	19n 6	3s19	23n25	1n 5	1s30	0s29	10n19	1s11	20n56	1s 0	5n34	0s35	0s11	2n 1	32n20	14n25	7s16	7s19	10s12		n.a.

Julian Day Number = 1355623.5, Delta T = 07h03m27s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'07, Lahiri = -17°47'06 Julian Calendar 1 July 1002 BCE == Greg. Calendar 21 June 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

AUGUST 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	19 57 46	27♋34'06	18♉ 5	18°R43	20♋51	3♎18	29♈28	7♊45	15°R16	5♎ 3	8♏18	18°R 4	18♎21	28♎23	n.a.	M 1
T 2	20 1 43	28°32'24	1♒32	18♋ 9	22° 5	3°58	29°33	7°51	15♈16	5° 5	8°20	17♎52	18°18	28°29	n.a.	T 2
W 3	20 5 39	29°30'43	15°15	17°43	23°20	4°38	29°38	7°57	15°16	5° 6	8°22	17°41	18°15	28°36	n.a.	W 3
T 4	20 9 36	0♏29'05	29° 9	17°25	24°34	5°19	29°43	8° 2	15°16	5° 7	8°24	17°31	18°12	28°43	n.a.	T 4
F 5	20 13 32	1°27'29	13♓11	17°16	25°49	6° 0	29°48	8° 8	15°16	5° 8	8°26	17°25	18° 9	28°49	n.a.	F 5
S 6	20 17 29	2°25'55	27°18	17°D15	27° 4	6°40	29°53	8°14	15°15	5° 9	8°28	17°21	18° 5	28°56	n.a.	S 6
S 7	20 21 25	3°24'23	11♈26	17°24	28°18	7°21	29°57	8°19	15°15	5°11	8°31	17°D20	18° 2	29° 3	n.a.	S 7
M 8	20 25 22	4°22'54	25°35	17°42	29°33	8° 2	0♉ 1	8°25	15°15	5°12	8°33	17°20	17°59	29° 9	n.a.	M 8
T 9	20 29 18	5°21'27	9♉42	18°10	0♌48	8°43	0° 5	8°30	15°14	5°13	8°35	17°R20	17°56	29°16	n.a.	T 9
W10	20 33 15	6°20'02	23°46	18°46	2° 3	9°25	0° 9	8°36	15°14	5°14	8°37	17°19	17°53	29°22	n.a.	W10
T 11	20 37 12	7°18'40	7♊47	19°30	3°17	10° 6	0°13	8°41	15°14	5°16	8°39	17°16	17°50	29°29	n.a.	T 11
F 12	20 41 8	8°17'20	21°44	20°23	4°32	10°48	0°17	8°46	15°13	5°17	8°42	17°10	17°46	29°36	n.a.	F 12
S 13	20 45 5	9°16'03	5♋33	21°23	5°47	11°29	0°20	8°51	15°12	5°19	8°44	17° 2	17°43	29°42	n.a.	S 13
S 14	20 49 1	10°14'47	19°12	22°31	7° 2	12°11	0°23	8°57	15°12	5°20	8°46	16°51	17°40	29°49	n.a.	S 14
M15	20 52 58	11°13'34	2♌38	23°44	8°17	12°53	0°26	9° 2	15°11	5°22	8°48	16°40	17°37	29°56	n.a.	M15
T 16	20 56 54	12°12'23	15°49	25° 4	9°32	13°34	0°29	9° 7	15°10	5°23	8°50	16°29	17°34	0♏ 2	n.a.	T 16
W17	21 0 51	13°11'15	28°42	26°29	10°47	14°16	0°32	9°11	15°10	5°25	8°52	16°19	17°30	0° 9	n.a.	W17
T 18	21 4 47	14°10'08	11♍19	27°58	12° 2	14°58	0°34	9°16	15° 9	5°26	8°55	16°12	17°27	0°16	n.a.	T 18
F 19	21 8 44	15° 9'03	23°39	29°32	13°17	15°41	0°37	9°21	15° 8	5°28	8°57	16° 7	17°24	0°22	n.a.	F 19
S 20	21 12 40	16° 8'00	5♎45	1♌ 8	14°32	16°23	0°39	9°25	15° 7	5°29	8°59	16° 4	17°21	0°29	n.a.	S 20
S 21	21 16 37	17° 6'59	17°41	2°48	15°47	17° 5	0°40	9°30	15° 6	5°31	9° 1	16°D 4	17°18	0°36	n.a.	S 21
M22	21 20 34	18° 6'00	29°30	4°30	17° 2	17°48	0°42	9°34	15° 5	5°33	9° 3	16° 4	17°15	0°42	n.a.	M22
T 23	21 24 30	19° 5'03	11♏18	6°14	18°17	18°30	0°44	9°39	15° 4	5°34	9° 5	16° 5	17°11	0°49	n.a.	T 23
W24	21 28 27	20° 4'08	23°10	7°59	19°32	19°13	0°45	9°43	15° 3	5°36	9° 8	16°R 5	17° 8	0°56	n.a.	W24
T 25	21 32 23	21° 3'15	5♐11	9°45	20°47	19°56	0°46	9°47	15° 2	5°38	9°10	16° 4	17° 5	1° 2	n.a.	T 25
F 26	21 36 20	22° 2'24	17°27	11°32	22° 2	20°39	0°47	9°51	15° 0	5°39	9°12	16° 1	17° 2	1° 9	n.a.	F 26
S 27	21 40 16	23° 1'35	0♑ 1	13°20	23°17	21°21	0°47	9°55	14°59	5°41	9°14	15°56	16°59	1°16	n.a.	S 27
S 28	21 44 13	24° 0'48	12°58	15° 7	24°32	22° 4	0°48	9°59	14°58	5°43	9°16	15°48	16°56	1°22	n.a.	S 28
M29	21 48 9	25° 0'02	26°18	16°55	25°47	22°48	0°48	10° 3	14°57	5°45	9°18	15°40	16°52	1°29	n.a.	M29
T 30	21 52 6	25°59'19	10♒ 1	18°43	27° 2	23°31	0°R48	10° 7	14°55	5°47	9°20	15°32	16°49	1°35	n.a.	T 30
W31	21 56 3	26♏58'38	24♒ 4	20♌31	28♌18	24♎14	0♉48	10♊10	14♈54	5♎48	9♏23	15♎24	16♎46	1♏42	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
M 1	20n58	17s36	5n 1	19n27	3s 3	23n16	1n 6	1s47	0s30	10n21	1s11	20n57	1s 0	5n34	0s35	0s12	2n 1	32n19	14n25	7s12	7s18	10s14			n.a.
T 2	20 46	15 22	4 53	19 49	2 47	23 5	1 8	2 4	0 31	10 23	1 11	20 58	1 0	5 34	0 35	0 12	2 1	32 19	14 25	7 7	7 17	10 15			n.a.
W 3	20 34	12 16	4 27	20 10	2 29	22 54	1 9	2 22	0 32	10 25	1 11	20 59	1 0	5 34	0 35	0 13	2 1	32 18	14 25	7 2	7 16	10 17			n.a.
T 4	20 22	8 25	3 46	20 30	2 11	22 42	1 10	2 39	0 33	10 26	1 11	21 0	1 0	5 34	0 35	0 13	2 1	32 17	14 25	6 59	7 15	10 18			n.a.
F 5	20 9	4 5	2 51	20 49	1 52	22 29	1 12	2 56	0 34	10 28	1 11	21 1	1 0	5 34	0 35	0 14	2 1	32 17	14 25	6 56	7 13	10 20			n.a.
S 6	19 55	0n30	1 44	21 8	1 34	22 16	1 13	3 13	0 35	10 29	1 11	21 2	1 0	5 34	0 35	0 14	2 1	32 16	14 25	6 55	7 12	10 21			n.a.
S 7	19 42	5 4	0 31	21 25	1 15	22 2	1 14	3 30	0 36	10 31	1 12	21 3	1 0	5 34	0 35	0 15	2 1	32 16	14 25	6 55	7 11	10 23			n.a.
M 8	19 28	9 22	0s44	21 41	0 57	21 47	1 15	3 48	0 36	10 32	1 12	21 4	1 0	5 34	0 35	0 15	2 1	32 15	14 25	6 55	7 10	10 25			n.a.
T 9	19 13	13 7	1 56	21 54	0 40	21 32	1 16	4 5	0 37	10 34	1 12	21 4	1 0	5 33	0 35	0 16	2 1	32 14	14 25	6 55	7 8	10 26			n.a.
W10	18 59	16 5	3 1	22 6	0 23	21 16	1 17	4 22	0 38	10 35	1 12	21 5	1 0	5 33	0 35	0 17	2 0	32 14	14 25	6 54	7 7	10 28			n.a.
T 11	18 44	18 5	3 55	22 16	0 7	20 59	1 18	4 39	0 39	10 36	1 12	21 6	1 0	5 33	0 35	0 17	2 0	32 13	14 25	6 53	7 6	10 29			n.a.
F 12	18 28	18 59	4 34	22 23	0n 8	20 42	1 19	4 57	0 40	10 37	1 12	21 7	1 0	5 33	0 35	0 18	2 0	32 13	14 25	6 51	7 5	10 31			n.a.
S 13	18 13	18 45	4 57	22 27	0 23	20 24	1 20	5 14	0 41	10 38	1 12	21 8	1 0	5 33	0 35	0 18	2 0	32 12	14 25	6 47	7 4	10 32			n.a.
S 14	17 57	17 25	5 3	22 29	0 36	20 6	1 20	5 31	0 41	10 39	1 13	21 9	1 0	5 32	0 35	0 19	2 0	32 11	14 25	6 43	7 2	10 34			n.a.
M15	17 41	15 9	4 51	22 29	0 48	19 47	1 21	5 48	0 42	10 40	1 13	21 9	1 0	5 32	0 35	0 20	2 0	32 11	14 25	6 39	7 1	10 36			n.a.
T 16	17 24	12 8	4 25	22 25	0 59	19 27	1 22	6 6	0 43	10 41	1 13	21 10	1 0	5 32	0 35	0 20	2 0	32 10	14 25	6 35	7 0	10 37			n.a.
W17	17 7	8 36	3 45	22 19	1 9	19 7	1 22	6 23	0 44	10 42	1 13	21 11	1 0	5 31	0 35	0 21	2 0	32 10	14 26	6 31	6 59	10 39			n.a.
T 18	16 50	4 45	2 55	22 10	1 18	18 47	1 23	6 40	0 44	10 43	1 13	21 12	1 0	5 31	0 35	0 22	2 0	32 9	14 26	6 28	6 57	10 40			n.a.
F 19	16 33	0 46	1 57	21 58	1 25	18 25	1 23	6 57	0 45	10 43	1 13	21 12	1 0	5 31	0 35	0 22	2 0	32 9	14 26	6 26	6 56	10 42			n.a.
S 20	16 15	3s10	0 55	21 43	1 32	18 4	1 24	7 15	0 46	10 44	1 13	21 13	1 0	5 30	0 35	0 23	2 0	32 8	14 26	6 25	6 55	10 43			n.a.
S 21	15 57	6 55	0n 9	21 25	1 38	17 41	1 24	7 32	0 47	10 44	1 14	21 14	1 0	5 30	0 35	0 24	2 0	32 8	14 26	6 25	6 54	10 45			n.a.
M22	15 39	10 21	1 12	21 5	1 42	17 18	1 24	7 49	0 47	10 45	1 14	21 14	1 0	5 29	0 35	0 24	2 0	32 7	14 26	6 25	6 52	10 46			n.a.
T 23	15 20	13 22	2 11	20 43	1 46	16 55	1 24	8 6	0 48	10 45	1 14	21 15	1 0	5 29	0 35	0 25	2 0	32 7	14 26	6 25	6 51	10 48			n.a.
W24	15 1	15 51	3 6	20 19	1 49	16 31	1 24	8 23	0 49	10 46	1 14	21 16	1 0	5 29	0 35	0 26	2 0	32 6	14 26	6 25	6 50	10 50			n.a.
T 25	14 42	17 41	3 53	19 52	1 51	16 7	1 24	8 40	0 50	10 46	1 14	21 16	1 0	5 28	0 35	0 27	2 0	32 6	14 27	6 25	6 49	10 51			n.a.
F 26	14 23	18 44	4 30	19 23	1 52	15 43	1 24	8 57	0 50	10 46	1 14	21 17	1 0	5 28	0 35	0 27	2 0	32 5	14 27	6 24	6 47	10 53			n.a.
S 27	14 3	18 53	4 56	18 53	1 53	15 18	1 24	9 14	0 51	10 46	1 14	21 17	1 0	5 27	0 35	0 28	2 0	32 5	14 27	6 22	6 46	10 54			n.a.
S 28	13 43	18 5	5 7	18 20	1 52	14 52	1 24	9 31	0 52	10 46	1 14	21 18	1 0	5 27	0 35	0 29	2 0	32 4	14 27	6 19	6 45	10 56			n.a.
M29	13 23	16 17	5 2	17 47	1 52	14 26	1 24	9 48	0 52	10 46	1 15	21 18	1 0	5 26	0 35	0 30	2 0	32 4	14 27	6 16	6 44	10 57			n.a.
T 30	13 3	13 31	4 40	17 11	1 50	14 0	1 24	10 5	0 53	10 46	1 15	21 19	1 0	5 26	0 35	0 30	1 59	32 3	14 27	6 12	6 43	10 59			n.a.
W31	12n43	9s56	4n 1	16n35	1n48	13n33	1n23	10s22	0s54	10n46	1s15	21n20	1s 0	5n25	0s35	0s31	1n59	32n 3	14n28	6s 9	6s41	11s 0			n.a.

Julian Day Number = 1355654.5, Delta T = 07h03m25s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°54'02, Lahiri = -17°47'02 Julian Calendar 1 Aug. 1002 BCE == Greg. Calendar 22 July 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

SEPTEMBER 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 59 59	27♌57'59	8♓23	22♌18	29♌33	24♎57	0°R48	10♊14	14°R52	5♎50	9♌25	15°R17	16♎43	1♏49	n.a.	T 1
F 2	22 3 56	28°57'22	22°52	24° 5	0♍48	25°41	0♉47	10°17	14♈51	5°52	9°27	15♎13	16°40	1°55	n.a.	F 2
S 3	22 7 52	29°56'47	7♈24	25°51	2° 3	26°24	0°47	10°20	14°49	5°54	9°29	15°11	16°36	2° 2	n.a.	S 3
S 4	22 11 49	0♍56'15	21°55	27°37	3°18	27° 8	0°46	10°24	14°48	5°56	9°31	15°D11	16°33	2° 9	n.a.	S 4
M 5	22 15 45	1°55'45	6♉20	29°22	4°34	27°51	0°45	10°27	14°46	5°58	9°33	15°12	16°30	2°15	n.a.	M 5
T 6	22 19 42	2°55'18	20°35	1♍ 6	5°49	28°35	0°43	10°30	14°45	6° 0	9°35	15°14	16°27	2°22	n.a.	T 6
W 7	22 23 38	3°54'53	4♊40	2°50	7° 4	29°19	0°42	10°33	14°43	6° 2	9°37	15°R14	16°24	2°29	n.a.	W 7
T 8	22 27 35	4°54'31	18°32	4°34	8°19	0♏ 3	0°40	10°36	14°41	6° 4	9°39	15°13	16°21	2°35	n.a.	T 8
F 9	22 31 31	5°54'12	2♋13	6°16	9°34	0°47	0°38	10°38	14°39	6° 6	9°41	15°11	16°17	2°42	n.a.	F 9
S 10	22 35 28	6°53'54	15°40	7°58	10°50	1°31	0°36	10°41	14°38	6° 8	9°43	15° 6	16°14	2°49	n.a.	S 10
S 11	22 39 25	7°53'39	28°55	9°39	12° 5	2°15	0°34	10°43	14°36	6°10	9°45	15° 0	16°11	2°55	n.a.	S 11
M12	22 43 21	8°53'27	11♌57	11°20	13°20	2°59	0°31	10°46	14°34	6°12	9°47	14°54	16° 8	3° 2	n.a.	M12
T 13	22 47 18	9°53'16	24°46	13° 0	14°36	3°44	0°28	10°48	14°32	6°14	9°49	14°48	16° 5	3° 9	n.a.	T 13
W14	22 51 14	10°53'08	7♍21	14°39	15°51	4°28	0°25	10°50	14°30	6°16	9°51	14°42	16° 1	3°15	n.a.	W14
T 15	22 55 11	11°53'01	19°43	16°17	17° 6	5°12	0°22	10°52	14°28	6°18	9°53	14°38	15°58	3°22	n.a.	T 15
F 16	22 59 7	12°52'57	1♎53	17°55	18°21	5°57	0°19	10°54	14°26	6°20	9°55	14°36	15°55	3°29	n.a.	F 16
S 17	23 3 4	13°52'55	13°53	19°33	19°37	6°42	0°16	10°56	14°24	6°22	9°57	14°D35	15°52	3°35	n.a.	S 17
S 18	23 7 0	14°52'55	25°46	21°10	20°52	7°26	0°12	10°58	14°22	6°24	9°59	14°36	15°49	3°42	n.a.	S 18
M19	23 10 57	15°52'56	7♏33	22°46	22° 7	8°11	0° 8	11° 0	14°20	6°26	10° 0	14°37	15°46	3°49	n.a.	M19
T 20	23 14 53	16°53'00	19°20	24°21	23°23	8°56	0° 4	11° 1	14°18	6°29	10° 2	14°39	15°42	3°55	n.a.	T 20
W21	23 18 50	17°53'05	1♐11	25°57	24°38	9°41	29♈59	11° 3	14°16	6°31	10° 4	14°41	15°39	4° 2	n.a.	W21
T 22	23 22 47	18°53'12	13°11	27°31	25°53	10°26	29°55	11° 4	14°13	6°33	10° 6	14°42	15°36	4° 8	n.a.	T 22
F 23	23 26 43	19°53'21	25°24	29° 5	27° 9	11°11	29°51	11° 5	14°11	6°35	10° 8	14°R42	15°33	4°15	n.a.	F 23
S 24	23 30 40	20°53'31	7♑56	0♎39	28°24	11°56	29°46	11° 6	14° 9	6°37	10° 9	14°40	15°30	4°22	n.a.	S 24
S 25	23 34 36	21°53'44	20°50	2°12	29°39	12°41	29°41	11° 7	14° 7	6°39	10°11	14°38	15°27	4°28	n.a.	S 25
M26	23 38 33	22°53'57	4♒ 9	3°45	0♎55	13°26	29°36	11° 8	14° 4	6°42	10°13	14°36	15°23	4°35	n.a.	M26
T 27	23 42 29	23°54'13	17°56	5°17	2°10	14°11	29°30	11° 9	14° 2	6°44	10°15	14°32	15°20	4°42	n.a.	T 27
W28	23 46 26	24°54'30	2♓ 7	6°49	3°25	14°56	29°25	11° 9	14° 0	6°46	10°16	14°30	15°17	4°48	n.a.	W28
T 29	23 50 22	25°54'49	16°41	8°20	4°41	15°42	29°19	11°10	13°57	6°48	10°18	14°27	15°14	4°55	n.a.	T 29
F 30	23 54 19	26♍55'10	1♈30	9♎51	5♎56	16♏27	29♈14	11♊10	13♈55	6♎50	10♌20	14♎26	15♎11	5♏ 2	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	12n22	5s42	3n 6	15n57	1n46	13n 6	1n23	10s39	0s54	10n46	1s15	21n20	1s 0	5n24	0s35	0s32	1n59	32n 3	14n28	6s 7	6s40	11s 2			n.a.
F 2	12 1	1 5	1 58	15 19	1 43	12 39	1 22	10 56	0 55	10 45	1 15	21 21	1 0	5 24	0 35	0 33	1 59	32 2	14 28	6 5	6 39	11 3			n.a.
S 3	11 40	3n37	0 42	14 39	1 40	12 11	1 22	11 12	0 56	10 45	1 15	21 21	1 0	5 23	0 35	0 33	1 59	32 2	14 28	6 4	6 38	11 5			n.a.
S 4	11 19	8 6	0s36	13 59	1 36	11 43	1 21	11 29	0 56	10 45	1 15	21 21	1 0	5 23	0 35	0 34	1 59	32 1	14 28	6 4	6 36	11 6			n.a.
M 5	10 57	12 5	1 52	13 18	1 32	11 14	1 21	11 45	0 57	10 44	1 16	21 22	1 0	5 22	0 35	0 35	1 59	32 1	14 29	6 5	6 35	11 8			n.a.
T 6	10 35	15 17	3 0	12 36	1 27	10 45	1 20	12 2	0 57	10 43	1 16	21 22	1 0	5 21	0 35	0 36	1 59	32 1	14 29	6 5	6 34	11 9			n.a.
W 7	10 14	17 32	3 57	11 54	1 23	10 16	1 19	12 18	0 58	10 43	1 16	21 23	1 1	5 21	0 35	0 37	1 59	32 0	14 29	6 5	6 33	11 11			n.a.
T 8	9 51	18 42	4 38	11 11	1 18	9 47	1 18	12 34	0 59	10 42	1 16	21 23	1 1	5 20	0 35	0 38	1 59	32 0	14 29	6 5	6 31	11 12			n.a.
F 9	9 29	18 45	5 3	10 28	1 13	9 17	1 17	12 51	0 59	10 41	1 16	21 23	1 1	5 19	0 36	0 38	1 59	31 59	14 30	6 4	6 30	11 14			n.a.
S 10	9 7	17 44	5 11	9 45	1 7	8 48	1 16	13 7	1 0	10 40	1 16	21 24	1 1	5 18	0 36	0 39	1 59	31 59	14 30	6 2	6 29	11 15			n.a.
S 11	8 44	15 46	5 2	9 1	1 1	8 18	1 15	13 23	1 0	10 39	1 16	21 24	1 1	5 18	0 36	0 40	1 59	31 59	14 30	6 0	6 28	11 17			n.a.
M12	8 22	13 2	4 37	8 17	0 56	7 47	1 14	13 39	1 1	10 38	1 16	21 25	1 1	5 17	0 36	0 41	1 59	31 58	14 30	5 58	6 26	11 18			n.a.
T 13	7 59	9 43	3 59	7 33	0 50	7 17	1 13	13 55	1 1	10 37	1 16	21 25	1 1	5 16	0 36	0 42	1 59	31 58	14 31	5 55	6 25	11 20			n.a.
W14	7 36	6 1	3 10	6 48	0 44	6 46	1 12	14 11	1 2	10 36	1 17	21 25	1 1	5 15	0 36	0 43	1 59	31 58	14 31	5 53	6 24	11 21			n.a.
T 15	7 13	2 7	2 12	6 4	0 37	6 15	1 11	14 26	1 2	10 35	1 17	21 25	1 1	5 15	0 36	0 43	1 59	31 58	14 31	5 51	6 23	11 23			n.a.
F 16	6 49	1s49	1 9	5 19	0 31	5 44	1 9	14 42	1 3	10 34	1 17	21 26	1 1	5 14	0 36	0 44	1 59	31 57	14 32	5 50	6 21	11 24			n.a.
S 17	6 26	5 37	0 4	4 35	0 25	5 13	1 8	14 57	1 3	10 33	1 17	21 26	1 1	5 13	0 36	0 45	1 59	31 57	14 32	5 50	6 20	11 26			n.a.
S 18	6 3	9 10	1n 1	3 50	0 18	4 41	1 7	15 13	1 4	10 31	1 17	21 26	1 1	5 12	0 36	0 46	1 59	31 57	14 32	5 50	6 19	11 27			n.a.
M19	5 39	12 19	2 3	3 6	0 12	4 10	1 5	15 28	1 4	10 30	1 17	21 26	1 1	5 11	0 36	0 47	1 59	31 56	14 32	5 51	6 18	11 29			n.a.
T 20	5 15	14 57	3 0	2 21	0 5	3 38	1 4	15 43	1 5	10 28	1 17	21 27	1 1	5 11	0 36	0 48	1 59	31 56	14 33	5 52	6 16	11 30			n.a.
W21	4 52	16 59	3 49	1 37	0s 1	3 7	1 2	15 58	1 5	10 27	1 17	21 27	1 1	5 10	0 36	0 49	1 59	31 56	14 33	5 52	6 15	11 32			n.a.
T 22	4 28	18 17	4 29	0 53	0 8	2 35	1 0	16 13	1 6	10 25	1 17	21 27	1 1	5 9	0 36	0 50	1 59	31 56	14 33	5 53	6 14	11 33			n.a.
F 23	4 4	18 46	4 58	0 9	0 15	2 3	0 59	16 28	1 6	10 23	1 17	21 27	1 1	5 8	0 36	0 50	1 59	31 56	14 34	5 53	6 13	11 35			n.a.
S 24	3 40	18 22	5 13	0s35	0 21	1 31	0 57	16 42	1 7	10 21	1 17	21 27	1 1	5 7	0 36	0 51	1 59	31 55	14 34	5 52	6 12	11 36			n.a.
S 25	3 16	17 0	5 14	1 19	0 28	0 59	0 55	16 57	1 7	10 20	1 17	21 27	1 1	5 6	0 36	0 52	1 59	31 55	14 34	5 51	6 10	11 38			n.a.
M26	2 52	14 42	4 57	2 3	0 35	0 27	0 53	17 11	1 7	10 18	1 18	21 27	1 1	5 5	0 36	0 53	1 59	31 55	14 35	5 50	6 9	11 39			n.a.
T 27	2 27	11 31	4 24	2 46	0 41	0s 5	0 52	17 25	1 8	10 16	1 18	21 28	1 1	5 4	0 36	0 54	1 59	31 55	14 35	5 49	6 8	11 41			n.a.
W28	2 3	7 34	3 33	3 29	0 48	0 37	0 50	17 39	1 8	10 14	1 18	21 28	1 1	5 3	0 36	0 55	1 59	31 55	14 36	5 48	6 7	11 42			n.a.
T 29	1 39	3 5	2 28	4 11	0 54	1 10	0 48	17 53	1 9	10 12	1 18	21 28	1 1	5 3	0 36	0 56	1 59	31 55	14 36	5 47	6 5	11 44			n.a.
F 30	1n15	1n41	1n11	4s53	1s 1	1s42	0n46	18s 7	1s 9	10n10	1s18	21n28	1s 1	5n 2	0s36	0s57	1n59	31n54	14n36	5s47	6s 4	11s45			n.a.

Julian Day Number = 1355685.5, Delta T = 07h03m24s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'58, Lahiri = -17°46'58 Julian Calendar 1 Sept. 1002 BCE == Greg. Calendar 22 Aug. 1002 BCE

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

OCTOBER 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 58 15	27♍55'32	16♈27	11♎22	7♎11	17♏12	29°R 8	11♊11	13°R53	6♎53	10♌21	14°D26	15♎ 7	5♏ 8	n.a.	S 1
S 2	0 2 12	28°55'57	1♉24	12°52	8°26	17°58	29♈ 2	11°11	13♈50	6°55	10°23	14♎26	15° 4	5°15	n.a.	S 2
M 3	0 6 9	29°56'23	16°13	14°22	9°42	18°44	28°55	11°R11	13°48	6°57	10°24	14°27	15° 1	5°22	n.a.	M 3
T 4	0 10 5	0♎56'52	0♊48	15°51	10°57	19°29	28°49	11°11	13°45	6°59	10°26	14°28	14°58	5°28	n.a.	T 4
W 5	0 14 2	1°57'23	15° 5	17°20	12°12	20°15	28°43	11°11	13°43	7° 2	10°27	14°29	14°55	5°35	n.a.	W 5
T 6	0 17 58	2°57'56	29° 2	18°48	13°28	21° 0	28°36	11°11	13°41	7° 4	10°29	14°R30	14°52	5°42	n.a.	T 6
F 7	0 21 55	3°58'30	12♋38	20°16	14°43	21°46	28°29	11°10	13°38	7° 6	10°30	14°30	14°48	5°48	n.a.	F 7
S 8	0 25 51	4°59'07	25°55	21°43	15°58	22°32	28°22	11°10	13°36	7° 8	10°32	14°29	14°45	5°55	n.a.	S 8
S 9	0 29 48	5°59'46	8♌54	23°10	17°14	23°18	28°15	11° 9	13°33	7°11	10°33	14°28	14°42	6° 2	n.a.	S 9
M10	0 33 44	7° 0'26	21°37	24°36	18°29	24° 4	28° 8	11° 8	13°31	7°13	10°35	14°27	14°39	6° 8	n.a.	M10
T 11	0 37 41	8° 1'08	4♍ 6	26° 1	19°44	24°50	28° 1	11° 7	13°28	7°15	10°36	14°26	14°36	6°15	n.a.	T 11
W12	0 41 38	9° 1'52	16°23	27°26	20°59	25°36	27°54	11° 7	13°26	7°17	10°37	14°25	14°32	6°22	n.a.	W12
T 13	0 45 34	10° 2'38	28°31	28°50	22°15	26°22	27°46	11° 5	13°23	7°20	10°39	14°25	14°29	6°28	n.a.	T 13
F 14	0 49 31	11° 3'25	10♎30	0♏13	23°30	27° 8	27°39	11° 4	13°21	7°22	10°40	14°D25	14°26	6°35	n.a.	F 14
S 15	0 53 27	12° 4'13	22°23	1°35	24°45	27°54	27°31	11° 3	13°18	7°24	10°41	14°25	14°23	6°42	n.a.	S 15
S 16	0 57 24	13° 5'03	4♏13	2°56	26° 1	28°40	27°23	11° 2	13°16	7°26	10°43	14°25	14°20	6°48	n.a.	S 16
M17	1 1 20	14° 5'55	16° 0	4°16	27°16	29°26	27°16	11° 0	13°13	7°29	10°44	14°R25	14°17	6°55	n.a.	M17
T 18	1 5 17	15° 6'47	27°48	5°34	28°31	0♐13	27° 8	10°59	13°11	7°31	10°45	14°25	14°13	7° 1	n.a.	T 18
W19	1 9 13	16° 7'41	9♐40	6°50	29°46	0°59	27° 0	10°57	13° 8	7°33	10°46	14°25	14°10	7° 8	n.a.	W19
T 20	1 13 10	17° 8'36	21°40	8° 5	1♏ 2	1°45	26°52	10°55	13° 6	7°35	10°47	14°24	14° 7	7°15	n.a.	T 20
F 21	1 17 7	18° 9'32	3♑51	9°17	2°17	2°32	26°44	10°53	13° 3	7°38	10°48	14°24	14° 4	7°21	n.a.	F 21
S 22	1 21 3	19°10'29	16°18	10°27	3°32	3°18	26°36	10°51	13° 1	7°40	10°49	14°D24	14° 1	7°28	n.a.	S 22
S 23	1 25 0	20°11'27	29° 5	11°35	4°47	4° 5	26°28	10°49	12°58	7°42	10°50	14°24	13°58	7°35	n.a.	S 23
M24	1 28 56	21°12'26	12♒16	12°39	6° 2	4°51	26°20	10°47	12°56	7°44	10°51	14°24	13°54	7°41	n.a.	M24
T 25	1 32 53	22°13'26	25°54	13°39	7°18	5°38	26°11	10°44	12°53	7°46	10°52	14°25	13°51	7°48	n.a.	T 25
W26	1 36 49	23°14'26	9♓58	14°35	8°33	6°24	26° 3	10°42	12°51	7°49	10°53	14°26	13°48	7°55	n.a.	W26
T 27	1 40 46	24°15'28	24°29	15°27	9°48	7°11	25°55	10°39	12°48	7°51	10°54	14°27	13°45	8° 1	n.a.	T 27
F 28	1 44 42	25°16'30	9♈23	16°13	11° 3	7°57	25°47	10°37	12°46	7°53	10°55	14°R27	13°42	8° 8	n.a.	F 28
S 29	1 48 39	26°17'33	24°31	16°53	12°18	8°44	25°39	10°34	12°43	7°55	10°56	14°27	13°38	8°15	n.a.	S 29
S 30	1 52 36	27°18'38	9♉45	17°25	13°33	9°31	25°31	10°31	12°41	7°57	10°57	14°26	13°35	8°21	n.a.	S 30
M31	1 56 32	28♎19'43	24♉56	17♏51	14♏49	10♐17	25♈22	10♊28	12♈39	8♎ 0	10♌58	14♎25	13♎32	8♏28	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n50	6n24	0s11	5s35	1s 7	2s14	0n44	18s20	1s 9	10n 7	1s18	21n28	1s 1	5n 1	0s36	0s58	1n59	31n54	14n37	5s46	6s 3	11s47		n.a.
S 2	0 26	10 42	1 33	6 17	1 13	2 46	0 42	18 34	1 10	10 5	1 18	21 28	1 1	5 0	0 36	0 59	1 59	31 54	14 37	5 47	6 2	11 48		n.a.
M 3	0 1	14 17	2 47	6 58	1 19	3 18	0 40	18 47	1 10	10 3	1 18	21 28	1 1	4 59	0 36	0 59	1 59	31 54	14 38	5 47	6 0	11 49		n.a.
T 4	0s23	16 53	3 50	7 38	1 25	3 50	0 37	19 0	1 10	10 1	1 18	21 28	1 1	4 58	0 36	1 0	1 59	31 54	14 38	5 47	5 59	11 51		n.a.
W 5	0 47	18 23	4 37	8 19	1 31	4 21	0 35	19 13	1 11	9 58	1 18	21 28	1 1	4 57	0 36	1 1	1 59	31 54	14 38	5 48	5 58	11 52		n.a.
T 6	1 12	18 42	5 6	8 58	1 37	4 53	0 33	19 26	1 11	9 56	1 18	21 28	1 1	4 56	0 36	1 2	1 59	31 54	14 39	5 48	5 57	11 54		n.a.
F 7	1 36	17 56	5 17	9 37	1 43	5 25	0 31	19 38	1 11	9 53	1 18	21 28	1 1	4 55	0 36	1 3	1 59	31 54	14 39	5 48	5 55	11 55		n.a.
S 8	2 1	16 12	5 11	10 15	1 48	5 56	0 29	19 51	1 12	9 51	1 18	21 27	1 1	4 54	0 36	1 4	1 59	31 54	14 40	5 48	5 54	11 57		n.a.
S 9	2 25	13 40	4 49	10 53	1 53	6 28	0 26	20 3	1 12	9 48	1 18	21 27	1 1	4 53	0 36	1 5	1 59	31 54	14 40	5 47	5 53	11 58		n.a.
M10	2 49	10 32	4 13	11 30	1 58	6 59	0 24	20 15	1 12	9 46	1 18	21 27	1 1	4 52	0 36	1 6	1 59	31 54	14 41	5 47	5 52	12 0		n.a.
T 11	3 14	6 58	3 26	12 6	2 3	7 30	0 22	20 27	1 13	9 43	1 18	21 27	1 1	4 51	0 36	1 7	1 59	31 54	14 41	5 47	5 50	12 1		n.a.
W12	3 38	3 10	2 30	12 42	2 7	8 1	0 19	20 38	1 13	9 41	1 18	21 27	1 1	4 50	0 36	1 8	1 59	31 54	14 41	5 46	5 49	12 2		n.a.
T 13	4 2	0s44	1 27	13 16	2 11	8 32	0 17	20 50	1 13	9 38	1 18	21 27	1 1	4 49	0 36	1 8	1 59	31 54	14 42	5 46	5 48	12 4		n.a.
F 14	4 26	4 33	0 22	13 50	2 15	9 2	0 15	21 1	1 13	9 35	1 18	21 27	1 1	4 48	0 36	1 9	1 59	31 54	14 42	5 46	5 47	12 5		n.a.
S 15	4 51	8 10	0n44	14 22	2 19	9 33	0 12	21 12	1 14	9 33	1 18	21 27	1 1	4 47	0 36	1 10	1 59	31 54	14 43	5 46	5 45	12 7		n.a.
S 16	5 15	11 26	1 48	14 54	2 22	10 3	0 10	21 22	1 14	9 30	1 18	21 26	1 1	4 46	0 36	1 11	1 59	31 54	14 43	5 46	5 44	12 8		n.a.
M17	5 39	14 13	2 47	15 24	2 25	10 33	0 7	21 33	1 14	9 27	1 18	21 26	1 1	4 45	0 36	1 12	1 59	31 54	14 44	5 46	5 43	12 10		n.a.
T 18	6 3	16 25	3 39	15 53	2 27	11 2	0 5	21 43	1 14	9 24	1 18	21 26	1 1	4 44	0 36	1 13	1 59	31 54	14 44	5 46	5 42	12 11		n.a.
W19	6 26	17 56	4 22	16 21	2 29	11 32	0 3	21 53	1 14	9 21	1 18	21 26	1 1	4 43	0 36	1 14	1 59	31 54	14 45	5 46	5 40	12 12		n.a.
T 20	6 50	18 40	4 53	16 47	2 30	12 1	0 0	22 3	1 15	9 19	1 17	21 25	1 1	4 42	0 36	1 15	1 59	31 55	14 45	5 46	5 39	12 14		n.a.
F 21	7 14	18 33	5 13	17 11	2 31	12 29	0s 2	22 13	1 15	9 16	1 17	21 25	1 1	4 41	0 36	1 16	1 59	31 55	14 46	5 46	5 38	12 15		n.a.
S 22	7 37	17 32	5 18	17 34	2 31	12 58	0 5	22 22	1 15	9 13	1 17	21 25	1 1	4 40	0 36	1 16	1 59	31 55	14 46	5 46	5 37	12 17		n.a.
S 23	8 1	15 38	5 8	17 55	2 30	13 26	0 7	22 31	1 15	9 10	1 17	21 25	1 1	4 39	0 36	1 17	1 59	31 55	14 47	5 46	5 35	12 18		n.a.
M24	8 24	12 53	4 41	18 14	2 29	13 54	0 10	22 40	1 15	9 7	1 17	21 24	1 1	4 38	0 36	1 18	1 59	31 55	14 47	5 46	5 34	12 20		n.a.
T 25	8 47	9 21	3 59	18 31	2 27	14 21	0 12	22 49	1 16	9 4	1 17	21 24	1 1	4 37	0 36	1 19	1 59	31 55	14 48	5 46	5 33	12 21		n.a.
W26	9 10	5 10	3 0	18 45	2 24	14 48	0 15	22 57	1 16	9 1	1 17	21 24	1 1	4 36	0 36	1 20	1 59	31 56	14 48	5 47	5 32	12 22		n.a.
T 27	9 33	0 34	1 49	18 56	2 19	15 15	0 17	23 6	1 16	8 58	1 17	21 23	1 1	4 35	0 36	1 21	1 59	31 56	14 49	5 47	5 30	12 24		n.a.
F 28	9 56	4n12	0 28	19 5	2 14	15 41	0 20	23 13	1 16	8 56	1 17	21 23	1 1	4 34	0 36	1 22	1 59	31 56	14 49	5 47	5 29	12 25		n.a.
S 29	10 18	8 47	0s56	19 11	2 8	16 7	0 22	23 21	1 16	8 53	1 17	21 22	1 1	4 34	0 36	1 22	1 59	31 56	14 50	5 47	5 28	12 27		n.a.
S 30	10 41	12 49	2 16	19 13	2 0	16 33	0 25	23 29	1 16	8 50	1 16	21 22	1 1	4 33	0 35	1 23	1 59	31 56	14 50	5 47	5 27	12 28		n.a.
M31	11s 3	15n58	3s26	19s12	1s51	16s58	0s27	23s36	1s16	8n47	1s16	21n22	1s 1	4n32	0s35	1s24	1n59	31n57	14n51	5s46	5s25	12s29		n.a.

Julian Day Number = 1355715.5, Delta T = 07h03m22s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'54, Lahiri = -17°46'54 Julian Calendar 1 Oct. 1002 BCE == Greg. Calendar 21 Sept. 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

NOVEMBER 1002 BCE (-1001) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 0 29	29♎20'49	9♊53	18♏ 7	16♏ 4	11♐ 4	25°R14	10°R25	12°R36	8♎ 2	10♌58	14°R23	13♎29	8♏35	n.a.	T 1
W 2	2 4 25	0♏21'57	24°30	18°R14	17°19	11°51	25♈ 6	10♊22	12♈34	8° 4	10°59	14♎21	13°26	8°41	n.a.	W 2
T 3	2 8 22	1°23'06	8♋41	18°11	18°34	12°37	24°58	10°19	12°32	8° 6	11° 0	14°19	13°23	8°48	n.a.	T 3
F 4	2 12 18	2°24'15	22°25	17°57	19°49	13°24	24°50	10°15	12°29	8° 8	11° 0	14°18	13°19	8°55	n.a.	F 4
S 5	2 16 15	3°25'26	5♌42	17°31	21° 4	14°11	24°42	10°12	12°27	8°10	11° 1	14°D18	13°16	9° 1	n.a.	S 5
S 6	2 20 11	4°26'38	18°36	16°55	22°19	14°58	24°34	10° 9	12°25	8°12	11° 2	14°18	13°13	9° 8	n.a.	S 6
M 7	2 24 8	5°27'50	1♍10	16° 6	23°34	15°45	24°26	10° 5	12°22	8°14	11° 2	14°20	13°10	9°15	n.a.	M 7
T 8	2 28 5	6°29'04	13°27	15° 8	24°49	16°31	24°18	10° 1	12°20	8°16	11° 3	14°21	13° 7	9°21	n.a.	T 8
W 9	2 32 1	7°30'18	25°33	14° 0	26° 4	17°18	24°10	9°58	12°18	8°18	11° 3	14°23	13° 4	9°28	n.a.	W 9
T 10	2 35 58	8°31'33	7♎29	12°45	27°19	18° 5	24° 3	9°54	12°16	8°20	11° 4	14°24	13° 0	9°35	n.a.	T 10
F 11	2 39 54	9°32'49	19°20	11°25	28°34	18°52	23°55	9°50	12°14	8°22	11° 4	14°R24	12°57	9°41	n.a.	F 11
S 12	2 43 51	10°34'06	1♏ 9	10° 2	29°50	19°39	23°47	9°46	12°11	8°24	11° 5	14°23	12°54	9°48	n.a.	S 12
S 13	2 47 47	11°35'22	12°57	8°40	1♐ 5	20°26	23°40	9°42	12° 9	8°26	11° 5	14°20	12°51	9°55	n.a.	S 13
M14	2 51 44	12°36'40	24°46	7°21	2°20	21°13	23°33	9°38	12° 7	8°28	11° 5	14°16	12°48	10° 1	n.a.	M14
T 15	2 55 40	13°37'57	6♐39	6° 8	3°35	22° 0	23°25	9°34	12° 5	8°30	11° 6	14°11	12°44	10° 8	n.a.	T 15
W16	2 59 37	14°39'15	18°37	5° 2	4°50	22°47	23°18	9°29	12° 3	8°32	11° 6	14° 5	12°41	10°15	n.a.	W16
T 17	3 3 34	15°40'33	0♑42	4° 5	6° 4	23°34	23°11	9°25	12° 1	8°34	11° 6	13°59	12°38	10°21	n.a.	T 17
F 18	3 7 30	16°41'52	12°58	3°19	7°19	24°21	23° 4	9°21	11°59	8°36	11° 6	13°54	12°35	10°28	n.a.	F 18
S 19	3 11 27	17°43'10	25°25	2°43	8°34	25° 8	22°57	9°16	11°57	8°38	11° 6	13°51	12°32	10°35	n.a.	S 19
S 20	3 15 23	18°44'28	8♒ 9	2°18	9°49	25°55	22°51	9°12	11°56	8°40	11° 6	13°48	12°29	10°41	n.a.	S 20
M21	3 19 20	19°45'45	21°12	2° 4	11° 4	26°42	22°44	9° 8	11°54	8°41	11° 7	13°D48	12°25	10°48	n.a.	M21
T 22	3 23 16	20°47'03	4♓37	1°D59	12°19	27°29	22°38	9° 3	11°52	8°43	11° 7	13°49	12°22	10°55	n.a.	T 22
W23	3 27 13	21°48'20	18°27	2° 4	13°34	28°16	22°32	8°58	11°50	8°45	11°R 7	13°50	12°19	11° 1	n.a.	W23
T 24	3 31 10	22°49'37	2♈43	2°17	14°49	29° 3	22°25	8°54	11°48	8°47	11° 7	13°51	12°16	11° 8	n.a.	T 24
F 25	3 35 6	23°50'54	17°23	2°39	16° 4	29°50	22°19	8°49	11°47	8°48	11° 7	13°R52	12°13	11°15	n.a.	F 25
S 26	3 39 3	24°52'10	2♉23	3° 7	17°18	0♑37	22°14	8°44	11°45	8°50	11° 7	13°50	12° 9	11°21	n.a.	S 26
S 27	3 42 59	25°53'26	17°35	3°42	18°33	1°24	22° 8	8°40	11°43	8°52	11° 6	13°47	12° 6	11°28	n.a.	S 27
M28	3 46 56	26°54'42	2♊51	4°23	19°48	2°11	22° 3	8°35	11°42	8°54	11° 6	13°42	12° 3	11°35	n.a.	M28
T 29	3 50 52	27°55'58	17°59	5° 9	21° 3	2°58	21°57	8°30	11°40	8°55	11° 6	13°35	12° 0	11°41	n.a.	T 29
W30	3 54 49	28♏57'14	2♋49	6♏ 0	22♐17	3♑45	21♈52	8♊25	11♈39	8♎57	11♌ 6	13♎28	11♎57	11♏48	n.a.	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl		lat
T 1	11s25	17n58	4s21	19s 7	1s41	17s22	0s30	23s43	1s16	8n44	1s16	21n21	1s 1	4n31	0s35	1s25	1n59	31n57	14n51	5s45	5s24	12s31			n.a.
W 2	11 47	18 44	4 58	18 57	1 29	17 46	0 32	23 49	1 16	8 41	1 16	21 21	1 1	4 30	0 35	1 26	1 59	31 57	14 52	5 45	5 23	12 32			n.a.
T 3	12 8	18 17	5 15	18 43	1 16	18 10	0 34	23 56	1 17	8 38	1 16	21 20	1 1	4 29	0 35	1 27	1 59	31 57	14 52	5 44	5 22	12 34			n.a.
F 4	12 30	16 46	5 14	18 25	1 1	18 33	0 37	24 2	1 17	8 35	1 16	21 20	1 1	4 28	0 35	1 27	1 59	31 58	14 53	5 43	5 20	12 35			n.a.
S 5	12 51	14 22	4 55	18 2	0 45	18 56	0 39	24 8	1 17	8 33	1 16	21 19	1 1	4 27	0 35	1 28	1 59	31 58	14 53	5 43	5 19	12 36			n.a.
S 6	13 12	11 20	4 22	17 35	0 27	19 18	0 41	24 13	1 17	8 30	1 15	21 19	1 1	4 26	0 35	1 29	1 59	31 58	14 54	5 44	5 18	12 38			n.a.
M 7	13 33	7 51	3 37	17 2	0 8	19 40	0 44	24 18	1 17	8 27	1 15	21 18	1 1	4 25	0 35	1 30	1 59	31 59	14 54	5 44	5 17	12 39			n.a.
T 8	13 53	4 6	2 43	16 26	0n12	20 1	0 46	24 23	1 17	8 24	1 15	21 18	1 1	4 24	0 35	1 31	1 59	31 59	14 55	5 45	5 15	12 40			n.a.
W 9	14 14	0 14	1 42	15 46	0 32	20 21	0 48	24 28	1 17	8 22	1 15	21 17	1 1	4 24	0 35	1 31	1 59	31 59	14 55	5 45	5 14	12 42			n.a.
T 10	14 34	3s36	0 38	15 4	0 53	20 41	0 51	24 33	1 17	8 19	1 15	21 17	1 1	4 23	0 35	1 32	1 59	32 0	14 56	5 46	5 13	12 43			n.a.
F 11	14 54	7 16	0n27	14 20	1 13	21 1	0 53	24 37	1 17	8 16	1 14	21 16	1 1	4 22	0 35	1 33	1 59	32 0	14 56	5 46	5 12	12 45			n.a.
S 12	15 13	10 38	1 31	13 36	1 32	21 19	0 55	24 41	1 17	8 14	1 14	21 16	1 1	4 21	0 35	1 34	1 59	32 1	14 57	5 45	5 10	12 46			n.a.
S 13	15 33	13 35	2 31	12 53	1 50	21 38	0 57	24 44	1 17	8 11	1 14	21 15	1 0	4 20	0 35	1 34	1 59	32 1	14 57	5 44	5 9	12 47			n.a.
M14	15 52	15 58	3 24	12 12	2 6	21 55	0 59	24 48	1 17	8 8	1 14	21 15	1 0	4 19	0 35	1 35	1 59	32 1	14 58	5 43	5 8	12 49			n.a.
T 15	16 11	17 41	4 8	11 34	2 20	22 12	1 1	24 51	1 17	8 6	1 14	21 14	1 0	4 19	0 35	1 36	1 59	32 2	14 59	5 41	5 6	12 50			n.a.
W16	16 29	18 38	4 42	11 1	2 32	22 28	1 3	24 53	1 17	8 3	1 13	21 14	1 0	4 18	0 35	1 37	1 59	32 2	14 59	5 38	5 5	12 51			n.a.
T 17	16 47	18 45	5 4	10 33	2 42	22 44	1 5	24 56	1 17	8 1	1 13	21 13	1 0	4 17	0 35	1 37	1 59	32 3	15 0	5 36	5 4	12 53			n.a.
F 18	17 5	17 59	5 12	10 10	2 49	22 59	1 7	24 58	1 17	7 59	1 13	21 12	1 0	4 16	0 35	1 38	1 59	32 3	15 0	5 34	5 3	12 54			n.a.
S 19	17 23	16 22	5 6	9 53	2 54	23 13	1 9	25 0	1 17	7 56	1 13	21 12	1 0	4 16	0 35	1 39	2 0	32 4	15 1	5 33	5 1	12 56			n.a.
S 20	17 40	13 56	4 45	9 41	2 57	23 27	1 11	25 1	1 16	7 54	1 12	21 11	1 0	4 15	0 35	1 40	2 0	32 4	15 1	5 32	5 0	12 57			n.a.
M21	17 57	10 44	4 8	9 35	2 59	23 39	1 13	25 3	1 16	7 52	1 12	21 10	1 0	4 14	0 35	1 40	2 0	32 5	15 2	5 32	4 59	12 58			n.a.
T 22	18 14	6 54	3 18	9 33	2 59	23 52	1 15	25 4	1 16	7 50	1 12	21 10	1 0	4 14	0 35	1 41	2 0	32 5	15 2	5 32	4 58	13 0			n.a.
W23	18 30	2 35	2 14	9 37	2 57	24 3	1 17	25 4	1 16	7 47	1 12	21 9	1 0	4 13	0 35	1 42	2 0	32 5	15 3	5 32	4 56	13 1			n.a.
T 24	18 46	2n 1	1 0	9 44	2 54	24 14	1 18	25 5	1 16	7 45	1 11	21 9	1 0	4 12	0 35	1 42	2 0	32 6	15 3	5 33	4 55	13 2			n.a.
F 25	19 2	6 38	0s19	9 55	2 51	24 24	1 20	25 5	1 16	7 43	1 11	21 8	1 0	4 12	0 35	1 43	2 0	32 7	15 4	5 33	4 54	13 4			n.a.
S 26	19 17	10 56	1 39	10 9	2 46	24 33	1 22	25 5	1 16	7 41	1 11	21 7	1 0	4 11	0 35	1 43	2 0	32 7	15 4	5 33	4 53	13 5			n.a.
S 27	19 32	14 35	2 53	10 26	2 41	24 42	1 23	25 4	1 16	7 40	1 11	21 7	1 0	4 10	0 35	1 44	2 0	32 8	15 5	5 31	4 51	13 6			n.a.
M28	19 46	17 13	3 54	10 45	2 35	24 49	1 25	25 3	1 16	7 38	1 10	21 6	1 0	4 10	0 35	1 45	2 0	32 8	15 5	5 29	4 50	13 8			n.a.
T 29	20 0	18 38	4 39	11 7	2 28	24 56	1 26	25 2	1 16	7 36	1 10	21 5	0 59	4 9	0 35	1 45	2 0	32 9	15 6	5 26	4 49	13 9			n.a.
W30	20s14	18n43	5s 4	11s30	2n21	25s 2	1s28	25s 1	1s15	7n34	1s10	21n 4	0s59	4n 9	0s35	1s46	2n 0	32n 9	15n 7	5s24	4s48	13s10			n.a.

Julian Day Number = 1355746.5, Delta T = 07h03m21s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'50, Lahiri = -17°46'49 Julian Calendar 1 Nov. 1002 BCE == Greg. Calendar 22 Oct. 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1002 BCE
geocentric

DECEMBER 1002 BCE (-1001) JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 58 45	29♏58'29	17♋15	6♏54	23♐32	4♑32	21°R47	8°R20	11°R37	8♎58	11°R 6	13°R21	11♎54	11♏55	n.a.	T 1
F 2	4 2 42	0♐59'45	1♌11	7°53	24°47	5°19	21♈42	8♊15	11♈36	9° 0	11♌ 5	13♎15	11°50	12° 1	n.a.	F 2
S 3	4 6 39	2° 1'00	14°38	8°54	26° 1	6° 6	21°38	8°10	11°35	9° 1	11° 5	13°11	11°47	12° 8	n.a.	S 3
S 4	4 10 35	3° 2'16	27°36	9°59	27°16	6°53	21°33	8° 5	11°33	9° 3	11° 5	13°D10	11°44	12°15	n.a.	S 4
M 5	4 14 32	4° 3'31	10♍11	11° 6	28°31	7°40	21°29	8° 1	11°32	9° 4	11° 4	13°10	11°41	12°21	n.a.	M 5
T 6	4 18 28	5° 4'45	22°26	12°15	29°45	8°27	21°25	7°56	11°31	9° 6	11° 4	13°11	11°38	12°28	n.a.	T 6
W 7	4 22 25	6° 6'00	4♎27	13°27	1♑ 0	9°14	21°21	7°51	11°30	9° 7	11° 4	13°12	11°35	12°35	n.a.	W 7
T 8	4 26 21	7° 7'14	16°18	14°40	2°14	10° 1	21°17	7°46	11°29	9° 9	11° 3	13°R12	11°31	12°41	n.a.	T 8
F 9	4 30 18	8° 8'28	28° 5	15°55	3°29	10°47	21°14	7°41	11°27	9°10	11° 3	13°11	11°28	12°48	n.a.	F 9
S 10	4 34 14	9° 9'41	9♏52	17°12	4°43	11°34	21°10	7°36	11°26	9°12	11° 2	13° 7	11°25	12°55	n.a.	S 10
S 11	4 38 11	10°10'54	21°41	18°30	5°58	12°21	21° 7	7°31	11°25	9°13	11° 1	13° 1	11°22	13° 1	n.a.	S 11
M12	4 42 8	11°12'06	3♐35	19°49	7°12	13° 8	21° 4	7°26	11°24	9°14	11° 1	12°52	11°19	13° 8	n.a.	M12
T 13	4 46 4	12°13'18	15°36	21°10	8°27	13°55	21° 1	7°21	11°24	9°15	11° 0	12°41	11°15	13°15	n.a.	T 13
W14	4 50 1	13°14'29	27°45	22°31	9°41	14°42	20°59	7°16	11°23	9°17	11° 0	12°28	11°12	13°21	n.a.	W14
T 15	4 53 57	14°15'38	10♑ 3	23°54	10°56	15°29	20°57	7°11	11°22	9°18	10°59	12°16	11° 9	13°28	n.a.	T 15
F 16	4 57 54	15°16'47	22°30	25°18	12°10	16°16	20°54	7° 6	11°21	9°19	10°58	12° 5	11° 6	13°35	n.a.	F 16
S 17	5 1 50	16°17'55	5♒ 8	26°42	13°24	17° 3	20°53	7° 1	11°21	9°20	10°57	11°56	11° 3	13°41	n.a.	S 17
S 18	5 5 47	17°19'02	17°58	28° 8	14°39	17°49	20°51	6°56	11°20	9°21	10°57	11°49	11° 0	13°48	n.a.	S 18
M19	5 9 44	18°20'07	1♓ 3	29°34	15°53	18°36	20°49	6°52	11°19	9°22	10°56	11°46	10°56	13°55	n.a.	M19
T 20	5 13 40	19°21'11	14°24	1♐ 1	17° 7	19°23	20°48	6°47	11°19	9°23	10°55	11°D44	10°53	14° 1	n.a.	T 20
W21	5 17 37	20°22'13	28° 3	2°29	18°21	20°10	20°47	6°42	11°18	9°24	10°54	11°44	10°50	14° 8	n.a.	W21
T 22	5 21 33	21°23'14	12♈ 2	3°58	19°35	20°57	20°46	6°37	11°18	9°25	10°53	11°R45	10°47	14°15	n.a.	T 22
F 23	5 25 30	22°24'14	26°22	5°27	20°49	21°43	20°45	6°33	11°18	9°26	10°52	11°44	10°44	14°21	n.a.	F 23
S 24	5 29 26	23°25'12	11♉ 1	6°57	22° 4	22°30	20°45	6°28	11°17	9°27	10°51	11°41	10°41	14°28	n.a.	S 24
S 25	5 33 23	24°26'09	25°54	8°28	23°18	23°17	20°44	6°23	11°17	9°28	10°50	11°35	10°37	14°35	n.a.	S 25
M26	5 37 19	25°27'05	10♊55	9°59	24°32	24° 3	20°D44	6°19	11°17	9°29	10°49	11°27	10°34	14°41	n.a.	M26
T 27	5 41 16	26°27'59	25°54	11°32	25°45	24°50	20°44	6°14	11°17	9°30	10°48	11°16	10°31	14°48	n.a.	T 27
W28	5 45 13	27°28'52	10♋41	13° 5	26°59	25°36	20°45	6°10	11°16	9°31	10°47	11° 5	10°28	14°55	n.a.	W28
T 29	5 49 9	28°29'44	25° 9	14°38	28°13	26°23	20°45	6° 5	11°16	9°32	10°46	10°53	10°25	15° 1	n.a.	T 29
F 30	5 53 6	29°30'34	9♌11	16°13	29°27	27° 9	20°46	6° 1	11°D16	9°32	10°45	10°43	10°21	15° 8	n.a.	F 30
S 31	5 57 2	0♑31'23	22♌44	17♐48	0♒41	27♑56	20♈47	5♊57	11♈16	9♎33	10♌44	10♎36	10♎18	15♏15	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
T 1	20s28	17n35	5s 8	11s55	2n14	25s 8	1s29	24s59	1s15	7n33	1s10	21n 4	0s59	4n 8	0s35	1s47	2n 0	32n10	15n 7	5s21		4s46		13s12			n.a.
F 2	20 41	15 25	4 54	12 22	2 7	25 13	1 30	24 57	1 15	7 31	1 9	21 3	0 59	4 8	0 35	1 47	2 0	32 10	15 8	5 19		4 45		13 13			n.a.
S 3	20 53	12 30	4 24	12 49	1 59	25 16	1 31	24 55	1 15	7 30	1 9	21 2	0 59	4 7	0 35	1 48	2 0	32 11	15 8	5 17		4 44		13 14			n.a.
S 4	21 5	9 2	3 41	13 17	1 51	25 19	1 32	24 52	1 15	7 28	1 9	21 2	0 59	4 7	0 35	1 48	2 0	32 12	15 9	5 16		4 43		13 16			n.a.
M 5	21 17	5 16	2 49	13 46	1 43	25 22	1 34	24 50	1 15	7 27	1 8	21 1	0 59	4 6	0 35	1 49	2 0	32 12	15 9	5 16		4 41		13 17			n.a.
T 6	21 29	1 22	1 50	14 15	1 35	25 23	1 35	24 46	1 14	7 26	1 8	21 0	0 59	4 6	0 35	1 49	2 0	32 13	15 10	5 17		4 40		13 18			n.a.
W 7	21 40	2s31	0 47	14 45	1 26	25 24	1 36	24 43	1 14	7 24	1 8	21 0	0 59	4 5	0 35	1 50	2 0	32 13	15 10	5 17		4 39		13 20			n.a.
T 8	21 50	6 15	0n17	15 15	1 18	25 24	1 36	24 39	1 14	7 23	1 8	20 59	0 59	4 5	0 35	1 50	2 0	32 14	15 11	5 17		4 38		13 21			n.a.
F 9	22 0	9 44	1 19	15 45	1 10	25 23	1 37	24 35	1 14	7 22	1 7	20 58	0 58	4 4	0 34	1 51	2 1	32 15	15 11	5 17		4 36		13 22			n.a.
S 10	22 10	12 49	2 18	16 15	1 2	25 22	1 38	24 31	1 14	7 21	1 7	20 57	0 58	4 4	0 34	1 51	2 1	32 15	15 12	5 15		4 35		13 23			n.a.
S 11	22 19	15 24	3 11	16 45	0 53	25 19	1 39	24 27	1 13	7 20	1 7	20 57	0 58	4 4	0 34	1 52	2 1	32 16	15 12	5 13		4 34		13 25			n.a.
M12	22 28	17 20	3 56	17 15	0 45	25 16	1 39	24 22	1 13	7 19	1 6	20 56	0 58	4 3	0 34	1 52	2 1	32 17	15 13	5 9		4 33		13 26			n.a.
T 13	22 37	18 32	4 31	17 44	0 37	25 12	1 40	24 17	1 13	7 19	1 6	20 55	0 58	4 3	0 34	1 53	2 1	32 17	15 13	5 5		4 31		13 27			n.a.
W14	22 45	18 54	4 54	18 13	0 29	25 7	1 40	24 11	1 13	7 18	1 6	20 55	0 58	4 3	0 34	1 53	2 1	32 18	15 14	5 0		4 30		13 29			n.a.
T 15	22 52	18 23	5 3	18 42	0 21	25 2	1 41	24 6	1 12	7 17	1 5	20 54	0 58	4 2	0 34	1 54	2 1	32 18	15 14	4 55		4 29		13 30			n.a.
F 16	22 59	17 0	4 58	19 10	0 13	24 55	1 41	24 0	1 12	7 17	1 5	20 53	0 58	4 2	0 34	1 54	2 1	32 19	15 14	4 51		4 27		13 31			n.a.
S 17	23 6	14 46	4 39	19 38	0 6	24 48	1 41	23 54	1 12	7 16	1 5	20 53	0 58	4 2	0 34	1 54	2 1	32 20	15 15	4 47		4 26		13 33			n.a.
S 18	23 12	11 47	4 6	20 5	0s 2	24 40	1 41	23 47	1 11	7 16	1 5	20 52	0 57	4 2	0 34	1 55	2 1	32 20	15 15	4 45		4 25		13 34			n.a.
M19	23 17	8 11	3 19	20 31	0 9	24 32	1 42	23 40	1 11	7 16	1 4	20 51	0 57	4 1	0 34	1 55	2 1	32 21	15 16	4 43		4 24		13 35			n.a.
T 20	23 23	4 5	2 20	20 57	0 17	24 23	1 42	23 33	1 11	7 15	1 4	20 50	0 57	4 1	0 34	1 55	2 1	32 22	15 16	4 43		4 22		13 36			n.a.
W21	23 27	0n19	1 12	21 22	0 24	24 13	1 42	23 26	1 11	7 15	1 4	20 50	0 57	4 1	0 34	1 56	2 1	32 23	15 17	4 43		4 21		13 38			n.a.
T 22	23 32	4 48	0s 2	21 46	0 31	24 2	1 41	23 19	1 10	7 15	1 3	20 49	0 57	4 1	0 34	1 56	2 1	32 23	15 17	4 43		4 20		13 39			n.a.
F 23	23 35	9 8	1 17	22 9	0 37	23 50	1 41	23 11	1 10	7 15	1 3	20 48	0 57	4 1	0 34	1 57	2 1	32 24	15 18	4 43		4 19		13 40			n.a.
S 24	23 39	13 1	2 29	22 32	0 44	23 38	1 41	23 3	1 10	7 15	1 3	20 48	0 57	4 1	0 34	1 57	2 1	32 25	15 18	4 41		4 17		13 41			n.a.
S 25	23 42	16 6	3 32	22 53	0 50	23 25	1 41	22 55	1 9	7 16	1 2	20 47	0 56	4 1	0 34	1 57	2 2	32 25	15 18	4 39		4 16		13 43			n.a.
M26	23 44	18 8	4 20	23 13	0 56	23 12	1 40	22 46	1 9	7 16	1 2	20 46	0 56	4 1	0 34	1 57	2 2	32 26	15 19	4 36		4 15		13 44			n.a.
T 27	23 46	18 54	4 51	23 33	1 2	22 57	1 40	22 37	1 9	7 16	1 2	20 46	0 56	4 1	0 34	1 58	2 2	32 27	15 19	4 32		4 14		13 45			n.a.
W28	23 47	18 22	5 1	23 51	1 8	22 42	1 39	22 28	1 8	7 17	1 1	20 45	0 56	4 1	0 34	1 58	2 2	32 27	15 20	4 27		4 12		13 47			n.a.
T 29	23 48	16 39	4 52	24 8	1 14	22 27	1 38	22 19	1 8	7 17	1 1	20 45	0 56	4 1	0 34	1 58	2 2	32 28	15 20	4 22		4 11		13 48			n.a.
F 30	23 49	13 58	4 25	24 24	1 19	22 10	1 38	22 10	1 8	7 18	1 1	20 44	0 56	4 1	0 34	1 58	2 2	32 29	15 21	4 18		4 10		13 49			n.a.
S 31	23s49	10n37	3s44	24s38	1s24	21s54	1s37	22s 0	1s 7	7n18	1s 1	20n43	0s56	4n 1	0s34	1s59	2n 2	32n29	15n21	4s15		4s 8		13s50			n.a.

Julian Day Number = 1355776.5, Delta T = 07h03m19s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'46, Lahiri = -17°46'45 Julian Calendar 1 Dec. 1002 BCE == Greg. Calendar 21 Nov. 1002 BCE

The year -1001 astronomical counting style corresponds to year 1002 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

JANUARY 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 0 59	1♉32'11	5♍49	19♐24	1♒54	28♉42	20♈48	5°R53	11♈16	9♎34	10°R43	10°R31	10♎15	15♏21	n.a.	S 1
M 2	6 4 55	2°32'58	18°29	21° 1	3° 8	29°29	20°49	5♊48	11°17	9°34	10♌42	10♎29	10°12	15°28	n.a.	M 2
T 3	6 8 52	3°33'44	0♎47	22°38	4°22	0♒15	20°51	5°44	11°17	9°35	10°41	10°28	10° 9	15°35	n.a.	T 3
W 4	6 12 48	4°34'28	12°49	24°16	5°35	1° 2	20°53	5°40	11°17	9°35	10°39	10°28	10° 6	15°41	n.a.	W 4
T 5	6 16 45	5°35'11	24°42	25°55	6°49	1°48	20°55	5°36	11°17	9°36	10°38	10°28	10° 2	15°48	n.a.	T 5
F 6	6 20 42	6°35'53	6♏29	27°35	8° 2	2°34	20°57	5°32	11°18	9°37	10°37	10°25	9°59	15°55	n.a.	F 6
S 7	6 24 38	7°36'33	18°17	29°16	9°16	3°21	20°59	5°29	11°18	9°37	10°36	10°21	9°56	16° 1	n.a.	S 7
S 8	6 28 35	8°37'12	0♐ 9	0♉58	10°29	4° 7	21° 2	5°25	11°19	9°37	10°34	10°13	9°53	16° 8	n.a.	S 8
M 9	6 32 31	9°37'50	12° 9	2°40	11°42	4°53	21° 4	5°21	11°19	9°38	10°33	10° 2	9°50	16°15	n.a.	M 9
T 10	6 36 28	10°38'26	24°19	4°23	12°56	5°39	21° 7	5°18	11°20	9°38	10°32	9°50	9°47	16°21	n.a.	T 10
W11	6 40 24	11°39'00	6♉40	6° 8	14° 9	6°26	21°10	5°14	11°20	9°39	10°30	9°35	9°43	16°28	n.a.	W11
T 12	6 44 21	12°39'33	19°14	7°53	15°22	7°12	21°14	5°11	11°21	9°39	10°29	9°21	9°40	16°35	n.a.	T 12
F 13	6 48 18	13°40'04	1♒59	9°39	16°35	7°58	21°17	5° 7	11°22	9°39	10°28	9° 8	9°37	16°41	n.a.	F 13
S 14	6 52 14	14°40'33	14°56	11°26	17°48	8°44	21°21	5° 4	11°22	9°39	10°26	8°57	9°34	16°48	n.a.	S 14
S 15	6 56 11	15°41'00	28° 4	13°13	19° 1	9°30	21°25	5° 1	11°23	9°40	10°25	8°49	9°31	16°55	n.a.	S 15
M16	7 0 7	16°41'25	11♓22	15° 2	20°14	10°16	21°29	4°58	11°24	9°40	10°23	8°43	9°27	17° 1	n.a.	M16
T 17	7 4 4	17°41'48	24°52	16°52	21°27	11° 2	21°33	4°55	11°25	9°40	10°22	8°41	9°24	17° 8	n.a.	T 17
W18	7 8 0	18°42'08	8♈33	18°42	22°40	11°48	21°37	4°52	11°26	9°40	10°21	8°D41	9°21	17°15	n.a.	W18
T 19	7 11 57	19°42'27	22°27	20°34	23°52	12°34	21°42	4°49	11°27	9°40	10°19	8°R41	9°18	17°21	n.a.	T 19
F 20	7 15 53	20°42'43	6♉34	22°26	25° 5	13°20	21°46	4°46	11°28	9°R40	10°18	8°40	9°15	17°28	n.a.	F 20
S 21	7 19 50	21°42'57	20°53	24°19	26°18	14° 5	21°51	4°44	11°29	9°40	10°16	8°37	9°12	17°35	n.a.	S 21
S 22	7 23 46	22°43'09	5♊21	26°13	27°30	14°51	21°56	4°41	11°31	9°40	10°15	8°32	9° 8	17°41	n.a.	S 22
M23	7 27 43	23°43'19	19°56	28° 7	28°42	15°37	22° 2	4°39	11°32	9°40	10°13	8°24	9° 5	17°48	n.a.	M23
T 24	7 31 40	24°43'27	4♋30	0♒ 2	29°55	16°23	22° 7	4°37	11°33	9°40	10°12	8°14	9° 2	17°55	n.a.	T 24
W25	7 35 36	25°43'33	18°57	1°57	1♓ 7	17° 8	22°13	4°35	11°34	9°40	10°10	8° 2	8°59	18° 1	n.a.	W25
T 26	7 39 33	26°43'36	3♌ 9	3°52	2°19	17°54	22°19	4°32	11°36	9°39	10° 9	7°51	8°56	18° 8	n.a.	T 26
F 27	7 43 29	27°43'38	17° 2	5°48	3°31	18°39	22°24	4°30	11°37	9°39	10° 7	7°41	8°53	18°15	n.a.	F 27
S 28	7 47 26	28°43'37	0♍31	7°43	4°43	19°25	22°31	4°29	11°39	9°39	10° 5	7°33	8°49	18°22	n.a.	S 28
S 29	7 51 22	29°43'35	13°36	9°38	5°55	20°10	22°37	4°27	11°40	9°39	10° 4	7°28	8°46	18°28	n.a.	S 29
M30	7 55 19	0♒43'30	26°17	11°32	7° 7	20°56	22°43	4°25	11°42	9°38	10° 2	7°26	8°43	18°35	n.a.	M30
T 31	7 59 15	1♒43'24	8♎39	13♒26	8♓18	21♒41	22♈50	4♊24	11♈43	9♎38	10♌ 1	7°D25	8♎40	18♏42	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊		☊		⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl		decl		decl		decl	lat
S 1	23s48	6n51	2s53	24s51	1s29	21s36	1s36	21s50	1s 7	7n19	1s 0	20n43	0s55	4n 1	0s34	1s59	2n 2	32n30	15n21	4s14	4s 7	13s52					n.a.
M 2	23 47	2 53	1 54	25 3	1 33	21 18	1 35	21 40	1 7	7 20	1 0	20 42	0 55	4 1	0 34	1 59	2 2	32 31	15 22	4 13	4 6	13 53					n.a.
T 3	23 46	1s 6	0 51	25 13	1 37	20 59	1 34	21 29	1 6	7 21	1 0	20 42	0 55	4 1	0 34	1 59	2 2	32 32	15 22	4 12	4 5	13 54					n.a.
W 4	23 44	4 57	0n12	25 22	1 41	20 40	1 33	21 19	1 6	7 22	0 59	20 41	0 55	4 1	0 34	1 59	2 2	32 32	15 22	4 12	4 3	13 55					n.a.
T 5	23 41	8 33	1 15	25 29	1 45	20 20	1 32	21 8	1 6	7 23	0 59	20 40	0 55	4 1	0 34	2 0	2 2	32 33	15 23	4 12	4 2	13 57					n.a.
F 6	23 39	11 48	2 13	25 35	1 48	20 0	1 30	20 57	1 5	7 24	0 59	20 40	0 55	4 1	0 33	2 0	2 2	32 34	15 23	4 11	4 1	13 58					n.a.
S 7	23 35	14 34	3 6	25 39	1 51	19 39	1 29	20 46	1 5	7 25	0 58	20 39	0 54	4 2	0 33	2 0	2 2	32 34	15 23	4 9	4 0	13 59					n.a.
S 8	23 32	16 44	3 51	25 42	1 53	19 17	1 27	20 34	1 4	7 26	0 58	20 39	0 54	4 2	0 33	2 0	2 2	32 35	15 24	4 6	3 58	14 0					n.a.
M 9	23 27	18 13	4 26	25 43	1 56	18 55	1 26	20 22	1 4	7 27	0 58	20 38	0 54	4 2	0 33	2 0	2 3	32 36	15 24	4 2	3 57	14 2					n.a.
T 10	23 23	18 52	4 49	25 42	1 57	18 32	1 24	20 11	1 4	7 29	0 58	20 38	0 54	4 2	0 33	2 0	2 3	32 37	15 24	3 57	3 56	14 3					n.a.
W11	23 17	18 39	4 59	25 39	1 59	18 9	1 23	19 58	1 3	7 30	0 57	20 37	0 54	4 3	0 33	2 0	2 3	32 37	15 25	3 51	3 55	14 4					n.a.
T 12	23 12	17 32	4 55	25 34	2 0	17 46	1 21	19 46	1 3	7 32	0 57	20 37	0 54	4 3	0 33	2 0	2 3	32 38	15 25	3 46	3 53	14 5					n.a.
F 13	23 6	15 32	4 37	25 27	2 0	17 22	1 19	19 34	1 2	7 33	0 57	20 37	0 53	4 3	0 33	2 0	2 3	32 39	15 25	3 40	3 52	14 7					n.a.
S 14	22 59	12 44	4 4	25 19	2 1	16 57	1 17	19 21	1 2	7 35	0 56	20 36	0 53	4 4	0 33	2 0	2 3	32 39	15 26	3 36	3 51	14 8					n.a.
S 15	22 52	9 15	3 17	25 8	2 0	16 32	1 15	19 8	1 1	7 37	0 56	20 36	0 53	4 4	0 33	2 0	2 3	32 40	15 26	3 33	3 49	14 9					n.a.
M16	22 45	5 16	2 19	24 56	1 59	16 7	1 13	18 55	1 1	7 38	0 56	20 35	0 53	4 4	0 33	2 0	2 3	32 41	15 26	3 31	3 48	14 10					n.a.
T 17	22 37	0 58	1 12	24 41	1 58	15 41	1 11	18 42	1 1	7 40	0 55	20 35	0 53	4 5	0 33	2 0	2 3	32 41	15 26	3 30	3 47	14 11					n.a.
W18	22 29	3n27	0 1	24 24	1 56	15 15	1 9	18 29	1 0	7 42	0 55	20 35	0 53	4 5	0 33	2 0	2 3	32 42	15 27	3 30	3 46	14 13					n.a.
T 19	22 20	7 45	1s12	24 5	1 54	14 49	1 6	18 15	1 0	7 44	0 55	20 34	0 52	4 6	0 33	2 0	2 3	32 43	15 27	3 30	3 44	14 14					n.a.
F 20	22 11	11 41	2 22	23 44	1 51	14 22	1 4	18 1	0 59	7 46	0 55	20 34	0 52	4 6	0 33	2 0	2 3	32 43	15 27	3 29	3 43	14 15					n.a.
S 21	22 2	14 59	3 24	23 21	1 48	13 55	1 2	17 48	0 59	7 48	0 54	20 34	0 52	4 7	0 33	2 0	2 3	32 44	15 27	3 28	3 42	14 16					n.a.
S 22	21 52	17 23	4 13	22 56	1 44	13 27	0 59	17 34	0 58	7 51	0 54	20 33	0 52	4 7	0 33	2 0	2 3	32 45	15 28	3 26	3 41	14 17					n.a.
M23	21 42	18 40	4 46	22 28	1 39	12 59	0 57	17 19	0 58	7 53	0 54	20 33	0 52	4 8	0 33	2 0	2 4	32 45	15 28	3 23	3 39	14 19					n.a.
T 24	21 31	18 43	5 1	21 59	1 34	12 31	0 54	17 5	0 57	7 55	0 53	20 33	0 51	4 8	0 33	2 0	2 4	32 46	15 28	3 19	3 38	14 20					n.a.
W25	21 20	17 34	4 56	21 27	1 28	12 3	0 51	16 51	0 57	7 57	0 53	20 33	0 51	4 9	0 33	2 0	2 4	32 47	15 28	3 14	3 37	14 21					n.a.
T 26	21 8	15 20	4 33	20 54	1 21	11 34	0 49	16 36	0 56	8 0	0 53	20 32	0 51	4 9	0 33	2 0	2 4	32 47	15 28	3 10	3 36	14 22					n.a.
F 27	20 56	12 15	3 54	20 18	1 14	11 5	0 46	16 21	0 56	8 2	0 53	20 32	0 51	4 10	0 33	1 59	2 4	32 48	15 29	3 6	3 34	14 23					n.a.
S 28	20 44	8 37	3 3	19 41	1 6	10 36	0 43	16 6	0 55	8 5	0 52	20 32	0 51	4 10	0 33	1 59	2 4	32 49	15 29	3 3	3 33	14 25					n.a.
S 29	20 31	4 39	2 3	19 2	0 57	10 6	0 40	15 51	0 55	8 8	0 52	20 32	0 51	4 11	0 33	1 59	2 4	32 49	15 29	3 1	3 32	14 26					n.a.
M30	20 18	0 36	0 59	18 21	0 48	9 36	0 37	15 36	0 54	8 10	0 52	20 32	0 50	4 12	0 33	1 59	2 4	32 50	15 29	3 0	3 30	14 27					n.a.
T 31	20s 5	3s23	0n 7	17s39	0s38	9s 6	0s34	15s21	0s54	8n13	0s52	20n32	0s50	4n12	0s33	1s59	2n 4	32n50	15n29	2s59	3s29	14s28					n.a.

Julian Day Number = 1355807.5, Delta T = 07h03m18s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'42, Lahiri = -17°46'41 Julian Calendar 1 Jan. 1001 BCE == Greg. Calendar 22 Dec. 1002 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

FEBRUARY 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 3 12	2♒43'16	20♎44	15♒17	9♓30	22♒26	22♈57	4°R22	11♈45	9°R38	9°R59	7♎26	8♎37	18♏48	n.a.	W 1
T 2	8 7 9	3°43'06	2♏39	17° 7	10°42	23°12	23° 3	4♊21	11°47	9♎37	9♌57	7°R26	8°33	18°55	n.a.	T 2
F 3	8 11 5	4°42'55	14°29	18°55	11°53	23°57	23°10	4°19	11°48	9°37	9°56	7°25	8°30	19° 2	n.a.	F 3
S 4	8 15 2	5°42'41	26°19	20°40	13° 4	24°42	23°18	4°18	11°50	9°36	9°54	7°23	8°27	19° 8	n.a.	S 4
S 5	8 18 58	6°42'26	8♐14	22°22	14°16	25°27	23°25	4°17	11°52	9°36	9°53	7°18	8°24	19°15	n.a.	S 5
M 6	8 22 55	7°42'09	20°18	24° 1	15°27	26°13	23°32	4°16	11°54	9°35	9°51	7°11	8°21	19°22	n.a.	M 6
T 7	8 26 51	8°41'50	2♑35	25°35	16°38	26°58	23°40	4°16	11°56	9°35	9°49	7° 2	8°18	19°28	n.a.	T 7
W 8	8 30 48	9°41'29	15° 7	27° 4	17°49	27°43	23°48	4°15	11°58	9°34	9°48	6°52	8°14	19°35	n.a.	W 8
T 9	8 34 44	10°41'06	27°56	28°28	19° 0	28°28	23°56	4°14	12° 0	9°34	9°46	6°41	8°11	19°42	n.a.	T 9
F 10	8 38 41	11°40'40	11♒ 0	29°47	20°10	29°13	24° 4	4°14	12° 2	9°33	9°45	6°32	8° 8	19°48	n.a.	F 10
S 11	8 42 38	12°40'13	24°18	1♓ 0	21°21	29°57	24°12	4°14	12° 4	9°32	9°43	6°24	8° 5	19°55	n.a.	S 11
S 12	8 46 34	13°39'43	7♓50	2° 6	22°31	0♓42	24°20	4°13	12° 6	9°32	9°41	6°18	8° 2	20° 2	n.a.	S 12
M13	8 50 31	14°39'11	21°32	3° 6	23°42	1°27	24°29	4°13	12° 8	9°31	9°40	6°15	7°58	20° 8	n.a.	M13
T 14	8 54 27	15°38'37	5♈22	3°58	24°52	2°12	24°37	4°D13	12°11	9°30	9°38	6°D14	7°55	20°15	n.a.	T 14
W15	8 58 24	16°38'00	19°20	4°43	26° 2	2°57	24°46	4°13	12°13	9°29	9°37	6°14	7°52	20°22	n.a.	W15
T 16	9 2 20	17°37'21	3♉22	5°21	27°12	3°41	24°55	4°13	12°15	9°28	9°35	6°15	7°49	20°28	n.a.	T 16
F 17	9 6 17	18°36'39	17°29	5°51	28°22	4°26	25° 4	4°14	12°17	9°28	9°33	6°R16	7°46	20°35	n.a.	F 17
S 18	9 10 13	19°35'55	1♊39	6°13	29°32	5°10	25°13	4°14	12°20	9°27	9°32	6°15	7°43	20°42	n.a.	S 18
S 19	9 14 10	20°35'08	15°51	6°28	0♈42	5°55	25°22	4°15	12°22	9°26	9°30	6°13	7°39	20°48	n.a.	S 19
M20	9 18 6	21°34'19	0♋ 1	6°R35	1°51	6°39	25°31	4°15	12°25	9°25	9°29	6° 8	7°36	20°55	n.a.	M20
T 21	9 22 3	22°33'28	14° 7	6°34	3° 1	7°24	25°40	4°16	12°27	9°24	9°27	6° 2	7°33	21° 2	n.a.	T 21
W22	9 26 0	23°32'34	28° 5	6°26	4°10	8° 8	25°50	4°17	12°30	9°23	9°26	5°55	7°30	21° 9	n.a.	W22
T 23	9 29 56	24°31'37	11♌51	6°12	5°19	8°52	26° 0	4°18	12°32	9°22	9°24	5°48	7°27	21°15	n.a.	T 23
F 24	9 33 53	25°30'39	25°22	5°50	6°28	9°37	26° 9	4°19	12°35	9°21	9°23	5°42	7°24	21°22	n.a.	F 24
S 25	9 37 49	26°29'38	8♍35	5°23	7°37	10°21	26°19	4°20	12°37	9°20	9°21	5°38	7°20	21°29	n.a.	S 25
S 26	9 41 46	27°28'35	21°30	4°51	8°45	11° 5	26°29	4°22	12°40	9°19	9°19	5°35	7°17	21°35	n.a.	S 26
M27	9 45 42	28°27'30	4♎ 6	4°13	9°54	11°49	26°39	4°23	12°43	9°18	9°18	5°D34	7°14	21°42	n.a.	M27
T 28	9 49 39	29°26'24	16°25	3°33	11° 2	12°33	26°49	4°24	12°46	9°17	9°16	5°34	7°11	21°49	n.a.	T 28
W29	9 53 35	0♓25'15	28♎31	2♓49	12♈10	13♓17	27♈ 0	4♊26	12♈48	9♎15	9♌15	5♎36	7♎ 8	21♏55	n.a.	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	19s51	7s 8	1n11	16s56	0s27	8s36	0s31	15s 5	0s54	8n16	0s51	20n32	0s50	4n13	0s33	1s58	2n 4	32n51	15n29	2s59	3s28	14s29		n.a.
T 2	19 37	10 33	2 11	16 12	0 16	8 6	0 28	14 50	0 53	8 19	0 51	20 32	0 50	4 14	0 33	1 58	2 4	32 52	15 29	3 0	3 27	14 31		n.a.
F 3	19 23	13 30	3 4	15 27	0 4	7 35	0 24	14 34	0 52	8 21	0 51	20 32	0 50	4 14	0 33	1 58	2 4	32 52	15 30	2 59	3 25	14 32		n.a.
S 4	19 8	15 54	3 50	14 42	0n 8	7 4	0 21	14 18	0 52	8 24	0 51	20 32	0 49	4 15	0 32	1 58	2 4	32 53	15 30	2 58	3 24	14 33		n.a.
S 5	18 53	17 38	4 27	13 57	0 20	6 34	0 18	14 2	0 51	8 27	0 50	20 31	0 49	4 16	0 32	1 58	2 4	32 53	15 30	2 57	3 23	14 34		n.a.
M 6	18 38	18 36	4 52	13 12	0 34	6 3	0 14	13 46	0 51	8 30	0 50	20 32	0 49	4 17	0 32	1 57	2 4	32 54	15 30	2 54	3 22	14 35		n.a.
T 7	18 22	18 43	5 4	12 27	0 47	5 31	0 11	13 30	0 50	8 33	0 50	20 32	0 49	4 18	0 32	1 57	2 5	32 54	15 30	2 50	3 20	14 36		n.a.
W 8	18 6	17 57	5 2	11 44	1 1	5 0	0 7	13 14	0 50	8 37	0 50	20 32	0 49	4 18	0 32	1 57	2 5	32 55	15 30	2 46	3 19	14 38		n.a.
T 9	17 50	16 15	4 44	11 2	1 14	4 29	0 4	12 58	0 49	8 40	0 49	20 32	0 49	4 19	0 32	1 56	2 5	32 55	15 30	2 42	3 18	14 39		n.a.
F 10	17 33	13 42	4 12	10 21	1 28	3 57	0 0	12 41	0 49	8 43	0 49	20 32	0 48	4 20	0 32	1 56	2 5	32 56	15 30	2 38	3 16	14 40		n.a.
S 11	17 16	10 24	3 25	9 42	1 42	3 26	0n 3	12 25	0 48	8 46	0 49	20 32	0 48	4 21	0 32	1 56	2 5	32 57	15 30	2 35	3 15	14 41		n.a.
S 12	16 59	6 30	2 27	9 6	1 55	2 54	0 7	12 8	0 48	8 50	0 49	20 32	0 48	4 22	0 32	1 55	2 5	32 57	15 30	2 32	3 14	14 42		n.a.
M13	16 41	2 13	1 18	8 32	2 9	2 23	0 11	11 52	0 47	8 53	0 48	20 32	0 48	4 23	0 32	1 55	2 5	32 58	15 30	2 31	3 13	14 43		n.a.
T 14	16 24	2n14	0 5	8 1	2 21	1 51	0 14	11 35	0 47	8 56	0 48	20 32	0 48	4 24	0 32	1 55	2 5	32 58	15 30	2 31	3 11	14 45		n.a.
W15	16 6	6 36	1s10	7 33	2 34	1 19	0 18	11 18	0 46	9 0	0 48	20 33	0 47	4 24	0 32	1 54	2 5	32 59	15 30	2 31	3 10	14 46		n.a.
T 16	15 47	10 37	2 21	7 8	2 45	0 48	0 22	11 1	0 46	9 3	0 48	20 33	0 47	4 25	0 32	1 54	2 5	32 59	15 30	2 31	3 9	14 47		n.a.
F 17	15 29	14 3	3 24	6 47	2 56	0 16	0 26	10 44	0 45	9 7	0 47	20 33	0 47	4 26	0 32	1 54	2 5	32 59	15 30	2 32	3 8	14 48		n.a.
S 18	15 10	16 40	4 14	6 30	3 6	0n16	0 30	10 27	0 45	9 10	0 47	20 33	0 47	4 27	0 32	1 53	2 5	33 0	15 30	2 31	3 6	14 49		n.a.
S 19	14 51	18 15	4 50	6 16	3 15	0 47	0 33	10 10	0 44	9 14	0 47	20 34	0 47	4 28	0 32	1 53	2 5	33 0	15 30	2 30	3 5	14 50		n.a.
M20	14 32	18 42	5 7	6 6	3 22	1 19	0 37	9 53	0 43	9 18	0 47	20 34	0 46	4 29	0 32	1 52	2 5	33 1	15 30	2 28	3 4	14 51		n.a.
T 21	14 13	17 59	5 6	6 1	3 29	1 51	0 41	9 35	0 43	9 21	0 47	20 34	0 46	4 30	0 32	1 52	2 5	33 1	15 30	2 26	3 2	14 53		n.a.
W22	13 53	16 12	4 46	5 59	3 34	2 22	0 45	9 18	0 42	9 25	0 46	20 35	0 46	4 31	0 32	1 51	2 5	33 2	15 30	2 23	3 1	14 54		n.a.
T 23	13 33	13 30	4 10	6 1	3 37	2 54	0 49	9 1	0 42	9 29	0 46	20 35	0 46	4 32	0 32	1 51	2 5	33 2	15 30	2 20	3 0	14 55		n.a.
F 24	13 13	10 7	3 21	6 7	3 39	3 25	0 53	8 43	0 41	9 32	0 46	20 35	0 46	4 33	0 32	1 51	2 6	33 2	15 30	2 18	2 59	14 56		n.a.
S 25	12 53	6 18	2 21	6 17	3 39	3 56	0 57	8 26	0 41	9 36	0 46	20 36	0 46	4 34	0 32	1 50	2 6	33 3	15 30	2 16	2 57	14 57		n.a.
S 26	12 32	2 16	1 16	6 30	3 38	4 27	1 1	8 8	0 40	9 40	0 45	20 36	0 45	4 36	0 32	1 50	2 6	33 3	15 30	2 15	2 56	14 58		n.a.
M27	12 12	1s47	0 8	6 47	3 35	4 58	1 5	7 51	0 40	9 44	0 45	20 37	0 45	4 37	0 32	1 49	2 6	33 3	15 30	2 15	2 55	14 59		n.a.
T 28	11 51	5 39	0n59	7 6	3 30	5 29	1 9	7 33	0 39	9 48	0 45	20 37	0 45	4 38	0 32	1 49	2 6	33 4	15 30	2 15	2 54	15 0		n.a.
W29	11s30	9s13	2n 2	7s28	3n24	6n 0	1n13	7s15	0s38	9n52	0s45	20n38	0s45	4n39	0s32	1s48	2n 6	33n 4	15n29	2s15	2s52	15s 2		n.a.

Julian Day Number = 1355838.5, Delta T = 07h03m16s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'37, Lahiri = -17°46'37 Julian Calendar 1 Feb. 1001 BCE == Greg. Calendar 22 Jan. 1001 BCE

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

MARCH 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 57 32	1♓24'04	10♏28	2°R 3	13♈18	14♓ 1	27♈10	4♊28	12♈51	9°R14	9°R14	5♎38	7♎ 4	22♏ 2	n.a.	T 1
F 2	10 1 28	2°22'51	22°19	1♓16	14°26	14°45	27°21	4°30	12°54	9♎13	9♌12	5°39	7° 1	22° 9	n.a.	F 2
S 3	10 5 25	3°21'37	4♐11	0°29	15°33	15°29	27°31	4°32	12°57	9°12	9°11	5°R40	6°58	22°15	n.a.	S 3
S 4	10 9 22	4°20'21	16° 7	29♒42	16°41	16°13	27°42	4°34	13° 0	9°11	9° 9	5°39	6°55	22°22	n.a.	S 4
M 5	10 13 18	5°19'03	28°13	28°57	17°48	16°57	27°53	4°36	13° 2	9° 9	9° 8	5°37	6°52	22°29	n.a.	M 5
T 6	10 17 15	6°17'43	10♑33	28°15	18°55	17°40	28° 3	4°38	13° 5	9° 8	9° 6	5°33	6°49	22°35	n.a.	T 6
W 7	10 21 11	7°16'21	23°10	27°35	20° 2	18°24	28°14	4°40	13° 8	9° 7	9° 5	5°29	6°45	22°42	n.a.	W 7
T 8	10 25 8	8°14'57	6♒ 7	26°59	21° 9	19° 8	28°25	4°43	13°11	9° 5	9° 4	5°25	6°42	22°49	n.a.	T 8
F 9	10 29 4	9°13'32	19°24	26°27	22°15	19°51	28°36	4°45	13°14	9° 4	9° 2	5°21	6°39	22°55	n.a.	F 9
S 10	10 33 1	10°12'04	3♓ 1	26° 0	23°22	20°35	28°48	4°48	13°17	9° 3	9° 1	5°17	6°36	23° 2	n.a.	S 10
S 11	10 36 57	11°10'35	16°55	25°37	24°28	21°18	28°59	4°51	13°20	9° 1	9° 0	5°15	6°33	23° 9	n.a.	S 11
M12	10 40 54	12° 9'03	1♈ 3	25°19	25°34	22° 2	29°10	4°54	13°23	9° 0	8°58	5°D14	6°30	23°16	n.a.	M12
T 13	10 44 50	13° 7'29	15°20	25° 6	26°39	22°45	29°22	4°57	13°27	8°58	8°57	5°14	6°26	23°22	n.a.	T 13
W14	10 48 47	14° 5'53	29°43	24°58	27°45	23°28	29°33	5° 0	13°30	8°57	8°56	5°15	6°23	23°29	n.a.	W14
T 15	10 52 44	15° 4'15	14♉ 6	24°D56	28°50	24°12	29°45	5° 3	13°33	8°56	8°55	5°17	6°20	23°36	n.a.	T 15
F 16	10 56 40	16° 2'35	28°26	24°58	29°55	24°55	29°57	5° 6	13°36	8°54	8°53	5°18	6°17	23°42	n.a.	F 16
S 17	11 0 37	17° 0'53	12♊40	25° 5	1♉ 0	25°38	0♉ 8	5°10	13°39	8°53	8°52	5°R19	6°14	23°49	n.a.	S 17
S 18	11 4 33	17°59'08	26°46	25°18	2° 4	26°21	0°20	5°13	13°42	8°51	8°51	5°18	6°10	23°56	n.a.	S 18
M19	11 8 30	18°57'21	10♋42	25°35	3° 9	27° 4	0°32	5°17	13°46	8°50	8°50	5°17	6° 7	24° 2	n.a.	M19
T 20	11 12 26	19°55'32	24°27	25°56	4°13	27°47	0°44	5°20	13°49	8°48	8°49	5°16	6° 4	24° 9	n.a.	T 20
W21	11 16 23	20°53'41	8♌ 0	26°22	5°16	28°30	0°56	5°24	13°52	8°47	8°48	5°14	6° 1	24°16	n.a.	W21
T 22	11 20 19	21°51'48	21°19	26°52	6°20	29°13	1° 8	5°28	13°55	8°45	8°46	5°12	5°58	24°22	n.a.	T 22
F 23	11 24 16	22°49'52	4♍25	27°27	7°23	29°56	1°20	5°32	13°59	8°44	8°45	5°11	5°55	24°29	n.a.	F 23
S 24	11 28 13	23°47'55	17°16	28° 5	8°26	0♈39	1°32	5°36	14° 2	8°42	8°44	5°10	5°51	24°36	n.a.	S 24
S 25	11 32 9	24°45'56	29°53	28°47	9°28	1°22	1°45	5°40	14° 5	8°41	8°43	5°D 9	5°48	24°42	n.a.	S 25
M26	11 36 6	25°43'55	12♎17	29°33	10°31	2° 4	1°57	5°44	14° 9	8°39	8°42	5° 9	5°45	24°49	n.a.	M26
T 27	11 40 2	26°41'52	24°30	0♓22	11°33	2°47	2° 9	5°48	14°12	8°37	8°41	5° 9	5°42	24°56	n.a.	T 27
W28	11 43 59	27°39'48	6♏32	1°14	12°34	3°30	2°22	5°53	14°15	8°36	8°40	5°10	5°39	25° 3	n.a.	W28
T 29	11 47 55	28°37'43	18°27	2°10	13°35	4°12	2°34	5°57	14°19	8°34	8°40	5°11	5°35	25° 9	n.a.	T 29
F 30	11 51 52	29°35'36	0♐19	3° 9	14°36	4°55	2°47	6° 2	14°22	8°33	8°39	5°12	5°32	25°16	n.a.	F 30
S 31	11 55 48	0♈33'27	12♐10	4♓11	15♉37	5♈37	3♉ 0	6♊ 6	14♈25	8♎31	8♌38	5♎12	5♎29	25♏23	n.a.	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s 9	12s21	2n59	7s52	3n15	6n31	1n17	6s58	0s38	9n56	0s45	20n38	0s45	4n40	0s32	1s48	2n 6	33n 4	15n29	2s16	2s51	15s 3		n.a.
F 2	10 47	14 58	3 48	8 18	3 6	7 1	1 21	6 40	0 37	10 0	0 44	20 39	0 44	4 41	0 32	1 47	2 6	33 5	15 29	2 17	2 50	15 4		n.a.
S 3	10 26	16 56	4 27	8 45	2 55	7 31	1 25	6 22	0 37	10 4	0 44	20 39	0 44	4 42	0 32	1 47	2 6	33 5	15 29	2 17	2 48	15 5		n.a.
S 4	10 4	18 11	4 55	9 13	2 43	8 2	1 29	6 4	0 36	10 8	0 44	20 40	0 44	4 43	0 32	1 46	2 6	33 5	15 29	2 17	2 47	15 6		n.a.
M 5	9 42	18 38	5 10	9 41	2 29	8 31	1 33	5 47	0 36	10 12	0 44	20 40	0 44	4 45	0 32	1 45	2 6	33 6	15 29	2 16	2 46	15 7		n.a.
T 6	9 20	18 12	5 12	10 9	2 15	9 1	1 37	5 29	0 35	10 16	0 44	20 41	0 44	4 46	0 32	1 45	2 6	33 6	15 29	2 14	2 45	15 8		n.a.
W 7	8 58	16 53	4 58	10 37	2 0	9 31	1 41	5 11	0 34	10 20	0 43	20 41	0 44	4 47	0 32	1 44	2 6	33 6	15 28	2 13	2 43	15 9		n.a.
T 8	8 36	14 41	4 30	11 4	1 45	10 0	1 45	4 53	0 34	10 24	0 43	20 42	0 43	4 48	0 32	1 44	2 6	33 6	15 28	2 11	2 42	15 10		n.a.
F 9	8 14	11 40	3 46	11 30	1 29	10 29	1 49	4 35	0 33	10 29	0 43	20 43	0 43	4 49	0 32	1 43	2 6	33 7	15 28	2 9	2 41	15 11		n.a.
S 10	7 52	7 57	2 48	11 54	1 13	10 58	1 53	4 17	0 33	10 33	0 43	20 43	0 43	4 50	0 32	1 43	2 6	33 7	15 28	2 8	2 40	15 13		n.a.
S 11	7 29	3 44	1 39	12 17	0 57	11 26	1 57	3 59	0 32	10 37	0 43	20 44	0 43	4 52	0 32	1 42	2 6	33 7	15 28	2 7	2 38	15 14		n.a.
M12	7 7	0n46	0 23	12 38	0 42	11 54	2 1	3 41	0 31	10 41	0 42	20 45	0 43	4 53	0 32	1 41	2 6	33 7	15 27	2 7	2 37	15 15		n.a.
T 13	6 44	5 17	0s55	12 57	0 26	12 22	2 5	3 24	0 31	10 46	0 42	20 45	0 43	4 54	0 31	1 41	2 6	33 7	15 27	2 7	2 36	15 16		n.a.
W14	6 21	9 30	2 11	13 14	0 11	12 50	2 9	3 6	0 30	10 50	0 42	20 46	0 42	4 55	0 31	1 40	2 6	33 7	15 27	2 7	2 34	15 17		n.a.
T 15	5 58	13 10	3 18	13 29	0s 4	13 17	2 12	2 48	0 30	10 54	0 42	20 47	0 42	4 57	0 31	1 40	2 6	33 8	15 27	2 8	2 33	15 18		n.a.
F 16	5 35	16 1	4 13	13 42	0 19	13 44	2 16	2 30	0 29	10 59	0 42	20 48	0 42	4 58	0 31	1 39	2 6	33 8	15 27	2 8	2 32	15 19		n.a.
S 17	5 12	17 51	4 52	13 52	0 32	14 11	2 20	2 12	0 29	11 3	0 42	20 48	0 42	4 59	0 31	1 38	2 6	33 8	15 26	2 8	2 31	15 20		n.a.
S 18	4 49	18 34	5 12	14 0	0 46	14 37	2 24	1 54	0 28	11 7	0 41	20 49	0 42	5 0	0 31	1 38	2 6	33 8	15 26	2 8	2 29	15 21		n.a.
M19	4 26	18 9	5 14	14 6	0 58	15 3	2 27	1 36	0 27	11 12	0 41	20 50	0 42	5 2	0 31	1 37	2 6	33 8	15 26	2 8	2 28	15 22		n.a.
T 20	4 3	16 40	4 58	14 10	1 10	15 29	2 31	1 18	0 27	11 16	0 41	20 51	0 41	5 3	0 31	1 37	2 6	33 8	15 26	2 7	2 27	15 23		n.a.
W21	3 40	14 16	4 26	14 12	1 22	15 54	2 34	1 0	0 26	11 20	0 41	20 52	0 41	5 4	0 31	1 36	2 7	33 8	15 25	2 7	2 25	15 24		n.a.
T 22	3 17	11 9	3 39	14 11	1 32	16 19	2 38	0 42	0 26	11 25	0 41	20 53	0 41	5 6	0 31	1 35	2 7	33 8	15 25	2 6	2 24	15 25		n.a.
F 23	2 53	7 32	2 42	14 9	1 42	16 43	2 41	0 24	0 25	11 29	0 41	20 53	0 41	5 7	0 31	1 35	2 7	33 8	15 25	2 5	2 23	15 26		n.a.
S 24	2 30	3 37	1 37	14 4	1 51	17 7	2 45	0 7	0 24	11 34	0 40	20 54	0 41	5 8	0 31	1 34	2 7	33 8	15 24	2 5	2 22	15 28		n.a.
S 25	2 7	0s24	0 29	13 57	2 0	17 31	2 48	0n11	0 24	11 38	0 40	20 55	0 41	5 10	0 31	1 33	2 7	33 8	15 24	2 5	2 20	15 29		n.a.
M26	1 43	4 20	0n40	13 48	2 8	17 54	2 51	0 29	0 23	11 43	0 40	20 56	0 40	5 11	0 31	1 33	2 7	33 8	15 24	2 5	2 19	15 30		n.a.
T 27	1 20	8 0	1 45	13 37	2 15	18 17	2 54	0 47	0 23	11 47	0 40	20 57	0 40	5 12	0 31	1 32	2 7	33 8	15 24	2 5	2 18	15 31		n.a.
W28	0 57	11 18	2 45	13 24	2 21	18 39	2 57	1 4	0 22	11 52	0 40	20 58	0 40	5 14	0 31	1 31	2 7	33 8	15 23	2 5	2 17	15 32		n.a.
T 29	0 33	14 6	3 38	13 9	2 27	19 1	3 0	1 22	0 21	11 56	0 40	20 59	0 40	5 15	0 31	1 31	2 7	33 8	15 23	2 5	2 15	15 33		n.a.
F 30	0 10	16 17	4 21	12 52	2 32	19 23	3 3	1 40	0 21	12 1	0 39	21 0	0 40	5 16	0 31	1 30	2 7	33 8	15 23	2 6	2 14	15 34		n.a.
S 31	0n14	17s47	4n52	12s33	2s36	19n44	3n 6	1n57	0s20	12n 5	0s39	21n 1	0s40	5n18	0s31	1s30	2n 7	33n 8	15n22	2s 6	2s13	15s35		n.a.

Julian Day Number = 1355867.5, Delta T = 07h03m15s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'34, Lahiri = -17°46'33 Julian Calendar 1 March 1001 BCE == Greg. Calendar 20 Feb. 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

APRIL 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	11 59 45	1♈31'17	24♐ 7	5♓15	16♉37	6♈20	3♉12	6♊11	14♈29	8°R29	8°R37	5♎12	5♎26	25♏29	n.a.	S 1
M 2	12 3 41	2°29'06	6♑12	6°23	17°37	7° 2	3°25	6°16	14°32	8♎28	8♎36	5°R12	5°23	25°36	n.a.	M 2
T 3	12 7 38	3°26'53	18°31	7°33	18°36	7°44	3°38	6°20	14°36	8°26	8°35	5°12	5°20	25°43	n.a.	T 3
W 4	12 11 35	4°24'39	1♒ 8	8°45	19°35	8°26	3°50	6°25	14°39	8°25	8°35	5°12	5°16	25°49	n.a.	W 4
T 5	12 15 31	5°22'24	14° 6	10° 1	20°34	9° 9	4° 3	6°30	14°42	8°23	8°34	5°D12	5°13	25°56	n.a.	T 5
F 6	12 19 28	6°20'08	27°27	11°18	21°32	9°51	4°16	6°35	14°46	8°21	8°33	5°12	5°10	26° 3	n.a.	F 6
S 7	12 23 24	7°17'50	11♓12	12°39	22°30	10°33	4°29	6°40	14°49	8°20	8°32	5°12	5° 7	26° 9	n.a.	S 7
S 8	12 27 21	8°15'31	25°21	14° 1	23°28	11°15	4°42	6°46	14°53	8°18	8°32	5°12	5° 4	26°16	n.a.	S 8
M 9	12 31 17	9°13'10	9♈49	15°26	24°24	11°57	4°55	6°51	14°56	8°16	8°31	5°R12	5° 1	26°23	n.a.	M 9
T 10	12 35 14	10°10'48	24°30	16°53	25°21	12°39	5° 8	6°56	15° 0	8°15	8°31	5°12	4°57	26°30	n.a.	T 10
W11	12 39 10	11° 8'24	9♉19	18°23	26°17	13°21	5°21	7° 2	15° 3	8°13	8°30	5°12	4°54	26°36	n.a.	W11
T 12	12 43 7	12° 6'00	24° 7	19°54	27°12	14° 3	5°35	7° 7	15° 7	8°12	8°30	5°11	4°51	26°43	n.a.	T 12
F 13	12 47 4	13° 3'33	8♊49	21°28	28° 7	14°45	5°48	7°13	15°10	8°10	8°29	5°10	4°48	26°50	n.a.	F 13
S 14	12 51 0	14° 1'05	23°17	23° 5	29° 1	15°27	6° 1	7°19	15°14	8° 8	8°29	5°10	4°45	26°56	n.a.	S 14
S 15	12 54 57	14°58'36	7♋29	24°43	29°55	16° 8	6°14	7°24	15°17	8° 7	8°28	5° 9	4°41	27° 3	n.a.	S 15
M16	12 58 53	15°56'05	21°22	26°24	0♊48	16°50	6°27	7°30	15°21	8° 5	8°28	5°D 9	4°38	27°10	n.a.	M16
T 17	13 2 50	16°53'32	4♌56	28° 7	1°41	17°32	6°41	7°36	15°24	8° 4	8°27	5°10	4°35	27°16	n.a.	T 17
W18	13 6 46	17°50'58	18°12	29°52	2°33	18°13	6°54	7°42	15°28	8° 2	8°27	5°10	4°32	27°23	n.a.	W18
T 19	13 10 43	18°48'22	1♍11	1♈39	3°24	18°55	7° 8	7°48	15°31	8° 0	8°27	5°12	4°29	27°30	n.a.	T 19
F 20	13 14 39	19°45'45	13°56	3°28	4°15	19°36	7°21	7°54	15°35	7°59	8°26	5°13	4°26	27°36	n.a.	F 20
S 21	13 18 36	20°43'07	26°27	5°20	5° 5	20°18	7°34	8° 0	15°38	7°57	8°26	5°13	4°22	27°43	n.a.	S 21
S 22	13 22 33	21°40'27	8♎47	7°14	5°54	20°59	7°48	8° 6	15°41	7°56	8°26	5°R14	4°19	27°50	n.a.	S 22
M23	13 26 29	22°37'47	20°58	9°10	6°42	21°41	8° 1	8°12	15°45	7°54	8°26	5°13	4°16	27°57	n.a.	M23
T 24	13 30 26	23°35'05	3♏ 0	11° 8	7°30	22°22	8°15	8°18	15°48	7°52	8°26	5°11	4°13	28° 3	n.a.	T 24
W25	13 34 22	24°32'23	14°57	13° 8	8°17	23° 3	8°28	8°25	15°52	7°51	8°25	5° 9	4°10	28°10	n.a.	W25
T 26	13 38 19	25°29'39	26°50	15°10	9° 3	23°45	8°42	8°31	15°55	7°49	8°25	5° 6	4° 6	28°17	n.a.	T 26
F 27	13 42 15	26°26'55	8♐41	17°14	9°48	24°26	8°55	8°37	15°59	7°48	8°25	5° 3	4° 3	28°23	n.a.	F 27
S 28	13 46 12	27°24'10	20°33	19°19	10°32	25° 7	9° 9	8°44	16° 2	7°46	8°25	4°59	4° 0	28°30	n.a.	S 28
S 29	13 50 8	28°21'25	2♑30	21°26	11°15	25°48	9°22	8°50	16° 6	7°45	8°D25	4°56	3°57	28°37	n.a.	S 29
M30	13 54 5	29♈18'39	14♑35	23♈35	11♊58	26♈29	9♉36	8♊57	16♈ 9	7♎43	8♌25	4♎55	3♎54	28♏43	n.a.	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	0n37	18s30	5n12	12s12	2s40	20n 4	3n 9	2n15	0s20	12n10	0s39	21n 2	0s39	5n19	0s31	1s29	2n 7	33n 8	15n22	2s 6	2s11	15s36		n.a.
M 2	1 0	18 23	5 17	11 50	2 43	20 24	3 11	2 33	0 19	12 14	0 39	21 3	0 39	5 20	0 31	1 28	2 7	33 8	15 22	2 6	2 10	15 37		n.a.
T 3	1 23	17 25	5 9	11 25	2 45	20 44	3 14	2 50	0 18	12 19	0 39	21 4	0 39	5 22	0 31	1 28	2 7	33 8	15 21	2 6	2 9	15 38		n.a.
W 4	1 47	15 34	4 46	10 59	2 47	21 3	3 16	3 8	0 18	12 23	0 39	21 5	0 39	5 23	0 31	1 27	2 7	33 8	15 21	2 6	2 8	15 39		n.a.
T 5	2 10	12 55	4 7	10 31	2 48	21 21	3 19	3 25	0 17	12 28	0 39	21 6	0 39	5 24	0 31	1 26	2 7	33 8	15 21	2 6	2 6	15 40		n.a.
F 6	2 33	9 30	3 15	10 1	2 48	21 40	3 21	3 42	0 17	12 32	0 38	21 7	0 39	5 26	0 31	1 26	2 7	33 8	15 20	2 6	2 5	15 41		n.a.
S 7	2 56	5 29	2 9	9 30	2 48	21 57	3 23	4 0	0 16	12 37	0 38	21 8	0 38	5 27	0 31	1 25	2 7	33 7	15 20	2 6	2 4	15 42		n.a.
S 8	3 19	1 3	0 54	8 57	2 47	22 14	3 25	4 17	0 15	12 41	0 38	21 9	0 38	5 28	0 31	1 24	2 7	33 7	15 20	2 6	2 2	15 43		n.a.
M 9	3 43	3n33	0s26	8 22	2 46	22 30	3 27	4 34	0 15	12 46	0 38	21 10	0 38	5 30	0 31	1 24	2 7	33 7	15 19	2 6	2 1	15 44		n.a.
T 10	4 6	8 1	1 45	7 46	2 44	22 46	3 29	4 51	0 14	12 51	0 38	21 11	0 38	5 31	0 31	1 23	2 7	33 7	15 19	2 6	2 0	15 45		n.a.
W11	4 28	12 1	2 58	7 8	2 41	23 2	3 31	5 9	0 14	12 55	0 38	21 12	0 38	5 33	0 31	1 22	2 7	33 7	15 18	2 6	1 59	15 46		n.a.
T 12	4 51	15 14	3 59	6 28	2 38	23 17	3 32	5 26	0 13	13 0	0 38	21 13	0 38	5 34	0 31	1 22	2 7	33 6	15 18	2 5	1 57	15 47		n.a.
F 13	5 14	17 26	4 44	5 47	2 34	23 31	3 34	5 43	0 12	13 4	0 37	21 14	0 38	5 35	0 31	1 21	2 7	33 6	15 18	2 5	1 56	15 48		n.a.
S 14	5 37	18 28	5 10	5 4	2 29	23 45	3 35	6 0	0 12	13 9	0 37	21 15	0 37	5 37	0 31	1 20	2 7	33 6	15 17	2 5	1 55	15 49		n.a.
S 15	5 59	18 20	5 17	4 20	2 24	23 58	3 36	6 16	0 11	13 13	0 37	21 16	0 37	5 38	0 31	1 20	2 7	33 6	15 17	2 5	1 54	15 50		n.a.
M16	6 22	17 4	5 4	3 34	2 19	24 10	3 37	6 33	0 11	13 18	0 37	21 17	0 37	5 39	0 31	1 19	2 7	33 6	15 16	2 5	1 52	15 51		n.a.
T 17	6 44	14 53	4 35	2 47	2 13	24 22	3 38	6 50	0 10	13 23	0 37	21 19	0 37	5 41	0 31	1 19	2 7	33 5	15 16	2 5	1 51	15 52		n.a.
W18	7 7	11 56	3 52	1 59	2 6	24 34	3 39	7 7	0 9	13 27	0 37	21 20	0 37	5 42	0 31	1 18	2 7	33 5	15 16	2 5	1 50	15 53		n.a.
T 19	7 29	8 28	2 58	1 9	1 59	24 45	3 39	7 23	0 9	13 32	0 37	21 21	0 37	5 44	0 31	1 17	2 7	33 5	15 15	2 6	1 48	15 54		n.a.
F 20	7 51	4 39	1 55	0 18	1 51	24 55	3 39	7 40	0 8	13 36	0 37	21 22	0 37	5 45	0 31	1 17	2 7	33 4	15 15	2 6	1 47	15 55		n.a.
S 21	8 13	0 42	0 48	0n35	1 43	25 4	3 40	7 56	0 7	13 41	0 36	21 23	0 36	5 46	0 31	1 16	2 7	33 4	15 14	2 6	1 46	15 56		n.a.
S 22	8 35	3s14	0n20	1 28	1 34	25 14	3 40	8 13	0 7	13 45	0 36	21 24	0 36	5 48	0 31	1 15	2 7	33 4	15 14	2 6	1 45	15 57		n.a.
M23	8 56	6 59	1 26	2 23	1 25	25 22	3 39	8 29	0 6	13 50	0 36	21 25	0 36	5 49	0 31	1 15	2 7	33 3	15 14	2 6	1 43	15 58		n.a.
T 24	9 18	10 24	2 27	3 19	1 16	25 30	3 39	8 45	0 6	13 54	0 36	21 26	0 36	5 50	0 31	1 14	2 7	33 3	15 13	2 6	1 42	15 59		n.a.
W25	9 39	13 22	3 22	4 15	1 6	25 37	3 39	9 1	0 5	13 59	0 36	21 28	0 36	5 52	0 31	1 14	2 7	33 3	15 13	2 5	1 41	16 0		n.a.
T 26	10 0	15 45	4 7	5 12	0 56	25 44	3 38	9 17	0 4	14 3	0 36	21 29	0 36	5 53	0 31	1 13	2 7	33 2	15 12	2 3	1 39	16 1		n.a.
F 27	10 22	17 27	4 42	6 10	0 46	25 50	3 37	9 33	0 4	14 8	0 36	21 30	0 36	5 54	0 31	1 12	2 7	33 2	15 12	2 2	1 38	16 2		n.a.
S 28	10 43	18 24	5 5	7 8	0 36	25 56	3 36	9 49	0 3	14 12	0 36	21 31	0 36	5 56	0 31	1 12	2 7	33 2	15 12	2 1	1 37	16 3		n.a.
S 29	11 3	18 33	5 14	8 6	0 25	26 1	3 34	10 5	0 3	14 17	0 35	21 32	0 35	5 57	0 31	1 11	2 6	33 1	15 11	2 0	1 36	16 4		n.a.
M30	11n24	17s52	5n10	9n 4	0s14	26n 5	3n33	10n20	0s 2	14n21	0s35	21n33	0s35	5n58	0s31	1s11	2n 6	33n 1	15n11	1s59	1s34	16s 5		n.a.

Julian Day Number = 1355898.5, Delta T = 07h03m13s
Ecliptic obliquity = 23°48'44, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'29, Lahiri = -17°46'29 Julian Calendar 1 Apr. 1001 BCE == Greg. Calendar 23 March 1001 BCE

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

MAY 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 58 2	0♉15'53	26♑52	25♈44	12♊39	27♈10	9♉50	9♊ 4	16♈12	7°R42	8♌25	4°D54	3♎51	28♏50	n.a.	T 1
W 2	14 1 58	1°13'05	9♒25	27°55	13°19	27°51	10° 3	9°10	16°16	7♎40	8°25	4♎54	3°47	28°57	n.a.	W 2
T 3	14 5 55	2°10'18	22°19	0♉ 6	13°58	28°32	10°17	9°17	16°19	7°39	8°26	4°55	3°44	29° 4	n.a.	T 3
F 4	14 9 51	3° 7'30	5♓37	2°17	14°36	29°13	10°31	9°24	16°23	7°38	8°26	4°56	3°41	29°10	n.a.	F 4
S 5	14 13 48	4° 4'41	19°21	4°29	15°13	29°54	10°44	9°31	16°26	7°36	8°26	4°58	3°38	29°17	n.a.	S 5
S 6	14 17 44	5° 1'53	3♈32	6°40	15°49	0♉34	10°58	9°38	16°29	7°35	8°26	4°R58	3°35	29°24	n.a.	S 6
M 7	14 21 41	5°59'03	18° 7	8°52	16°23	1°15	11°12	9°44	16°33	7°33	8°26	4°58	3°32	29°30	n.a.	M 7
T 8	14 25 37	6°56'14	3♉ 2	11° 2	16°57	1°56	11°25	9°51	16°36	7°32	8°27	4°56	3°28	29°37	n.a.	T 8
W 9	14 29 34	7°53'23	18° 9	13°12	17°28	2°37	11°39	9°58	16°39	7°31	8°27	4°52	3°25	29°44	n.a.	W 9
T 10	14 33 31	8°50'33	3♊19	15°20	17°59	3°17	11°53	10° 5	16°43	7°29	8°27	4°48	3°22	29°50	n.a.	T 10
F 11	14 37 27	9°47'42	18°20	17°27	18°28	3°58	12° 7	10°12	16°46	7°28	8°28	4°43	3°19	29°57	n.a.	F 11
S 12	14 41 24	10°44'50	3♋ 6	19°33	18°55	4°38	12°20	10°20	16°49	7°27	8°28	4°39	3°16	0♐ 4	n.a.	S 12
S 13	14 45 20	11°41'57	17°30	21°37	19°21	5°19	12°34	10°27	16°52	7°25	8°29	4°35	3°12	0°11	n.a.	S 13
M14	14 49 17	12°39'04	1♌29	23°39	19°45	5°59	12°48	10°34	16°56	7°24	8°29	4°33	3° 9	0°17	n.a.	M14
T 15	14 53 13	13°36'10	15° 2	25°40	20° 7	6°40	13° 1	10°41	16°59	7°23	8°29	4°D33	3° 6	0°24	n.a.	T 15
W16	14 57 10	14°33'16	28°12	27°38	20°28	7°20	13°15	10°48	17° 2	7°22	8°30	4°33	3° 3	0°31	n.a.	W16
T 17	15 1 6	15°30'21	11♍ 0	29°34	20°47	8° 1	13°29	10°56	17° 5	7°20	8°31	4°35	3° 0	0°37	n.a.	T 17
F 18	15 5 3	16°27'25	23°31	1♊29	21° 4	8°41	13°42	11° 3	17° 8	7°19	8°31	4°36	2°57	0°44	n.a.	F 18
S 19	15 9 0	17°24'29	5♎49	3°21	21°19	9°21	13°56	11°10	17°11	7°18	8°32	4°R36	2°53	0°51	n.a.	S 19
S 20	15 12 56	18°21'33	17°56	5°11	21°32	10° 1	14°10	11°18	17°14	7°17	8°32	4°36	2°50	0°57	n.a.	S 20
M21	15 16 53	19°18'36	29°56	6°59	21°43	10°41	14°23	11°25	17°18	7°16	8°33	4°33	2°47	1° 4	n.a.	M21
T 22	15 20 49	20°15'40	11♏51	8°44	21°51	11°22	14°37	11°32	17°21	7°15	8°34	4°28	2°44	1°11	n.a.	T 22
W23	15 24 46	21°12'43	23°44	10°28	21°58	12° 2	14°51	11°40	17°24	7°14	8°35	4°21	2°41	1°18	n.a.	W23
T 24	15 28 42	22° 9'46	5♐35	12° 9	22° 3	12°42	15° 4	11°47	17°27	7°13	8°35	4°12	2°37	1°24	n.a.	T 24
F 25	15 32 39	23° 6'49	17°27	13°48	22°R 5	13°22	15°18	11°55	17°30	7°12	8°36	4° 3	2°34	1°31	n.a.	F 25
S 26	15 36 36	24° 3'53	29°22	15°25	22° 5	14° 2	15°32	12° 2	17°33	7°11	8°37	3°54	2°31	1°38	n.a.	S 26
S 27	15 40 32	25° 0'57	11♑22	17° 0	22° 2	14°42	15°45	12°10	17°36	7°10	8°38	3°46	2°28	1°44	n.a.	S 27
M28	15 44 29	25°58'01	23°28	18°33	21°57	15°22	15°59	12°18	17°38	7° 9	8°39	3°40	2°25	1°51	n.a.	M28
T 29	15 48 25	26°55'05	5♒46	20° 3	21°50	16° 1	16°12	12°25	17°41	7° 8	8°40	3°36	2°22	1°58	n.a.	T 29
W30	15 52 22	27°52'10	18°18	21°31	21°41	16°41	16°26	12°33	17°44	7° 7	8°41	3°33	2°18	2° 5	n.a.	W30
T 31	15 56 18	28♉49'15	1♓ 8	22♊57	21♊29	17♉21	16♉39	12♊40	17♈47	7♎ 6	8♌42	3°D33	2♎15	2♐11	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	11n44	16s20	4n52	10n 2	0s 4	26n 9	3n31	10n36	0s 1	14n26	0s35	21n34	0s35	6n 0	0s31	1s10	2n 6	33n 0	15n10	1s58	1s33	16s 6		n.a.	T 1
W 2	12 5	14 1	4 19	11 0	0n 7	26 12	3 29	10 52	0 1	14 30	0 35	21 36	0 35	6 1	0 31	1 10	2 6	33 0	15 10	1 59	1 32	16 7		n.a.	W 2
T 3	12 25	10 56	3 33	11 57	0 17	26 15	3 26	11 7	0 0	14 35	0 35	21 37	0 35	6 2	0 31	1 9	2 6	33 0	15 10	1 59	1 30	16 8		n.a.	T 3
F 4	12 45	7 13	2 34	12 53	0 28	26 17	3 24	11 22	0n 0	14 39	0 35	21 38	0 35	6 4	0 31	1 8	2 6	32 59	15 9	2 0	1 29	16 9		n.a.	F 4
S 5	13 4	2 59	1 25	13 48	0 38	26 18	3 21	11 37	0 1	14 44	0 35	21 39	0 35	6 5	0 31	1 8	2 6	32 59	15 9	2 0	1 28	16 10		n.a.	S 5
S 6	13 24	1n33	0 8	14 42	0 47	26 19	3 18	11 53	0 2	14 48	0 35	21 40	0 35	6 6	0 31	1 7	2 6	32 58	15 8	2 0	1 27	16 11		n.a.	S 6
M 7	13 43	6 7	1s11	15 34	0 57	26 20	3 14	12 7	0 2	14 52	0 35	21 41	0 34	6 8	0 31	1 7	2 6	32 58	15 8	2 0	1 25	16 11		n.a.	M 7
T 8	14 2	10 25	2 28	16 24	1 6	26 19	3 11	12 22	0 3	14 57	0 34	21 43	0 34	6 9	0 31	1 6	2 6	32 57	15 7	1 59	1 24	16 12		n.a.	T 8
W 9	14 21	14 5	3 34	17 13	1 14	26 19	3 7	12 37	0 3	15 1	0 34	21 44	0 34	6 10	0 31	1 6	2 6	32 57	15 7	1 58	1 23	16 13		n.a.	W 9
T 10	14 40	16 48	4 26	17 59	1 22	26 17	3 2	12 52	0 4	15 6	0 34	21 45	0 34	6 11	0 31	1 5	2 6	32 56	15 7	1 56	1 22	16 14		n.a.	T 10
F 11	14 59	18 20	4 59	18 43	1 29	26 15	2 58	13 6	0 5	15 10	0 34	21 46	0 34	6 13	0 31	1 5	2 6	32 56	15 6	1 54	1 20	16 15		n.a.	F 11
S 12	15 17	18 35	5 11	19 25	1 35	26 13	2 53	13 21	0 5	15 14	0 34	21 47	0 34	6 14	0 31	1 4	2 6	32 55	15 6	1 52	1 19	16 16		n.a.	S 12
S 13	15 35	17 38	5 4	20 5	1 41	26 10	2 48	13 35	0 6	15 19	0 34	21 48	0 34	6 15	0 31	1 4	2 6	32 55	15 5	1 51	1 18	16 17		n.a.	S 13
M14	15 53	15 37	4 38	20 42	1 46	26 6	2 42	13 49	0 6	15 23	0 34	21 50	0 34	6 16	0 31	1 3	2 6	32 54	15 5	1 50	1 16	16 18		n.a.	M14
T 15	16 10	12 48	3 57	21 16	1 51	26 2	2 36	14 4	0 7	15 27	0 34	21 51	0 33	6 18	0 31	1 3	2 6	32 54	15 5	1 50	1 15	16 19		n.a.	T 15
W16	16 27	9 24	3 5	21 48	1 55	25 57	2 30	14 18	0 8	15 32	0 34	21 52	0 33	6 19	0 31	1 3	2 6	32 53	15 4	1 50	1 14	16 20		n.a.	W16
T 17	16 44	5 38	2 5	22 17	1 58	25 52	2 23	14 31	0 8	15 36	0 34	21 53	0 33	6 20	0 31	1 2	2 6	32 53	15 4	1 51	1 13	16 21		n.a.	T 17
F 18	17 1	1 42	1 0	22 44	2 0	25 46	2 16	14 45	0 9	15 40	0 33	21 54	0 33	6 21	0 31	1 2	2 6	32 52	15 3	1 51	1 11	16 22		n.a.	F 18
S 19	17 17	2s15	0n 7	23 9	2 2	25 40	2 9	14 59	0 9	15 44	0 33	21 55	0 33	6 23	0 31	1 1	2 6	32 51	15 3	1 52	1 10	16 23		n.a.	S 19
S 20	17 34	6 2	1 12	23 31	2 3	25 33	2 1	15 12	0 10	15 48	0 33	21 56	0 33	6 24	0 31	1 1	2 6	32 51	15 2	1 51	1 9	16 23		n.a.	S 20
M21	17 50	9 33	2 13	23 51	2 4	25 25	1 53	15 26	0 10	15 53	0 33	21 58	0 33	6 25	0 31	1 0	2 6	32 50	15 2	1 50	1 7	16 24		n.a.	M21
T 22	18 5	12 39	3 7	24 8	2 3	25 17	1 44	15 39	0 11	15 57	0 33	21 59	0 33	6 26	0 31	1 0	2 6	32 50	15 2	1 48	1 6	16 25		n.a.	T 22
W23	18 21	15 13	3 54	24 23	2 2	25 9	1 35	15 52	0 12	16 1	0 33	22 0	0 33	6 27	0 31	1 0	2 6	32 49	15 1	1 45	1 5	16 26		n.a.	W23
T 24	18 36	17 9	4 30	24 36	2 1	25 0	1 26	16 5	0 12	16 5	0 33	22 1	0 32	6 28	0 31	0 59	2 6	32 48	15 1	1 42	1 4	16 27		n.a.	T 24
F 25	18 50	18 20	4 54	24 47	1 59	24 50	1 16	16 18	0 13	16 9	0 33	22 2	0 32	6 30	0 31	0 59	2 5	32 48	15 0	1 38	1 2	16 28		n.a.	F 25
S 26	19 5	18 43	5 6	24 55	1 56	24 40	1 6	16 31	0 13	16 13	0 33	22 3	0 32	6 31	0 31	0 59	2 5	32 47	15 0	1 35	1 1	16 29		n.a.	S 26
S 27	19 19	18 16	5 4	25 2	1 52	24 29	0 55	16 43	0 14	16 17	0 33	22 4	0 32	6 32	0 31	0 58	2 5	32 47	15 0	1 31	1 0	16 30		n.a.	S 27
M28	19 33	17 0	4 49	25 7	1 48	24 18	0 44	16 56	0 15	16 22	0 33	22 5	0 32	6 33	0 31	0 58	2 5	32 46	14 59	1 29	0 58	16 31		n.a.	M28
T 29	19 46	14 55	4 20	25 9	1 44	24 6	0 33	17 8	0 15	16 26	0 32	22 6	0 32	6 34	0 31	0 58	2 5	32 45	14 59	1 27	0 57	16 32		n.a.	T 29
W30	20 0	12 7	3 38	25 11	1 39	23 54	0 21	17 20	0 16	16 30	0 32	22 8	0 32	6 35	0 31	0 57	2 5	32 45	14 58	1 26	0 56	16 32		n.a.	W30
T 31	20n12	8s41	2n45	25n10	1n33	23n41	0n 9	17n32	0n16	16n34	0s32	22n 9	0s32	6n36	0s31	0s57	2n 5	32n44	14n58	1s26	0s55	16s33		n.a.	T 31

Julian Day Number = 1355928.5, Delta T = 07h03m11s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'25, Lahiri = -17°46'25 Julian Calendar 1 May 1001 BCE == Greg. Calendar 22 Apr. 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

JUNE 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 0 15	29♉46'21	14♓19	24♊21	21°R15	18♉ 1	16♉53	12♊48	17♈50	7°R 5	8♌43	3♎34	2♎12	2♐18	n.a.	F 1
S 2	16 4 11	0♊43'27	27°56	25°42	20♊58	18°40	17° 6	12°56	17°53	7♎ 4	8°44	3°R34	2° 9	2°25	n.a.	S 2
S 3	16 8 8	1°40'34	12♈ 0	27° 1	20°39	19°20	17°20	13° 3	17°55	7° 4	8°45	3°34	2° 6	2°31	n.a.	S 3
M 4	16 12 5	2°37'42	26°31	28°17	20°18	20° 0	17°33	13°11	17°58	7° 3	8°46	3°32	2° 3	2°38	n.a.	M 4
T 5	16 16 1	3°34'50	11♉25	29°31	19°55	20°39	17°47	13°19	18° 1	7° 2	8°47	3°28	1°59	2°45	n.a.	T 5
W 6	16 19 58	4°31'58	26°36	0♋43	19°30	21°19	18° 0	13°27	18° 3	7° 1	8°48	3°21	1°56	2°51	n.a.	W 6
T 7	16 23 54	5°29'08	11♊53	1°52	19° 3	21°59	18°14	13°34	18° 6	7° 1	8°49	3°13	1°53	2°58	n.a.	T 7
F 8	16 27 51	6°26'18	27° 7	2°58	18°34	22°38	18°27	13°42	18° 9	7° 0	8°50	3° 4	1°50	3° 5	n.a.	F 8
S 9	16 31 47	7°23'28	12♋ 5	4° 1	18° 3	23°18	18°40	13°50	18°11	6°59	8°52	2°55	1°47	3°12	n.a.	S 9
S 10	16 35 44	8°20'38	26°41	5° 2	17°31	23°57	18°54	13°57	18°14	6°59	8°53	2°48	1°43	3°18	n.a.	S 10
M11	16 39 40	9°17'49	10♌48	5°59	16°57	24°36	19° 7	14° 5	18°16	6°58	8°54	2°42	1°40	3°25	n.a.	M11
T 12	16 43 37	10°15'00	24°27	6°54	16°22	25°16	19°20	14°13	18°19	6°58	8°56	2°39	1°37	3°32	n.a.	T 12
W13	16 47 34	11°12'12	7♍37	7°45	15°47	25°55	19°33	14°21	18°21	6°57	8°57	2°D38	1°34	3°38	n.a.	W13
T 14	16 51 30	12° 9'24	20°23	8°33	15°10	26°34	19°46	14°29	18°23	6°57	8°58	2°38	1°31	3°45	n.a.	T 14
F 15	16 55 27	13° 6'36	2♎50	9°18	14°33	27°14	19°59	14°36	18°26	6°56	9° 0	2°R39	1°28	3°52	n.a.	F 15
S 16	16 59 23	14° 3'49	15° 1	9°58	13°56	27°53	20°12	14°44	18°28	6°56	9° 1	2°38	1°24	3°59	n.a.	S 16
S 17	17 3 20	15° 1'02	27° 1	10°35	13°19	28°32	20°25	14°52	18°30	6°56	9° 2	2°36	1°21	4° 5	n.a.	S 17
M18	17 7 16	15°58'16	8♏55	11° 8	12°42	29°11	20°38	15° 0	18°32	6°55	9° 4	2°31	1°18	4°12	n.a.	M18
T 19	17 11 13	16°55'31	20°47	11°37	12° 5	29°50	20°51	15° 7	18°35	6°55	9° 5	2°23	1°15	4°19	n.a.	T 19
W20	17 15 10	17°52'46	2♐37	12° 2	11°29	0♊29	21° 4	15°15	18°37	6°55	9° 7	2°13	1°12	4°25	n.a.	W20
T 21	17 19 6	18°50'03	14°30	12°22	10°54	1° 8	21°17	15°23	18°39	6°54	9° 8	2° 0	1° 9	4°32	n.a.	T 21
F 22	17 23 3	19°47'20	26°26	12°37	10°20	1°47	21°30	15°31	18°41	6°54	9°10	1°47	1° 5	4°39	n.a.	F 22
S 23	17 26 59	20°44'39	8♑27	12°48	9°48	2°26	21°43	15°39	18°43	6°54	9°12	1°34	1° 2	4°45	n.a.	S 23
S 24	17 30 56	21°41'58	20°34	12°54	9°17	3° 5	21°55	15°46	18°45	6°54	9°13	1°22	0°59	4°52	n.a.	S 24
M25	17 34 52	22°39'18	2♒48	12°R54	8°47	3°44	22° 8	15°54	18°47	6°54	9°15	1°12	0°56	4°59	n.a.	M25
T 26	17 38 49	23°36'40	15°12	12°50	8°20	4°23	22°21	16° 2	18°49	6°54	9°16	1° 5	0°53	5° 6	n.a.	T 26
W27	17 42 45	24°34'03	27°48	12°40	7°54	5° 2	22°33	16°10	18°51	6°54	9°18	1° 0	0°49	5°12	n.a.	W27
T 28	17 46 42	25°31'28	10♓39	12°25	7°31	5°41	22°46	16°17	18°53	6°D54	9°20	0°58	0°46	5°19	n.a.	T 28
F 29	17 50 39	26°28'54	23°48	12° 5	7° 9	6°19	22°58	16°25	18°54	6°54	9°21	0°57	0°43	5°26	n.a.	F 29
S 30	17 54 35	27♊26'21	7♈18	11♋40	6♊50	6♊58	23♉11	16♊33	18♈56	6♎54	9♌23	0♎57	0♎40	5♐32	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
F 1	20n25	4s43	1n41	25n 8	1n27	23n27	0s 4	17n44	0n17	16n38	0s32	22n10	0s32	6n37	0s31	0s57	2n 5	32n43	14n58	1s26	0s53	16s34			n.a.
S 2	20 37	0 22	0 30	25 4	1 20	23 13	0 16	17 56	0 18	16 41	0 32	22 11	0 32	6 38	0 31	0 56	2 5	32 43	14 57	1 26	0 52	16 35			n.a.
S 3	20 49	4n 8	0s45	24 59	1 12	22 59	0 30	18 7	0 18	16 45	0 32	22 12	0 31	6 39	0 31	0 56	2 5	32 42	14 57	1 26	0 51	16 36			n.a.
M 4	21 1	8 32	2 0	24 53	1 5	22 44	0 43	18 19	0 19	16 49	0 32	22 13	0 31	6 41	0 31	0 56	2 5	32 41	14 57	1 26	0 49	16 37			n.a.
T 5	21 12	12 31	3 8	24 45	0 56	22 29	0 57	18 30	0 19	16 53	0 32	22 14	0 31	6 42	0 31	0 56	2 5	32 41	14 56	1 24	0 48	16 38			n.a.
W 6	21 23	15 45	4 4	24 36	0 47	22 13	1 10	18 41	0 20	16 57	0 32	22 15	0 31	6 43	0 31	0 55	2 5	32 40	14 56	1 21	0 47	16 39			n.a.
T 7	21 33	17 53	4 43	24 26	0 38	21 57	1 24	18 52	0 20	17 1	0 32	22 16	0 31	6 44	0 31	0 55	2 5	32 39	14 56	1 18	0 46	16 39			n.a.
F 8	21 43	18 45	5 2	24 15	0 28	21 40	1 39	19 3	0 21	17 5	0 32	22 17	0 31	6 45	0 31	0 55	2 5	32 39	14 55	1 14	0 44	16 40			n.a.
S 9	21 53	18 16	5 0	24 3	0 18	21 24	1 53	19 14	0 22	17 9	0 32	22 18	0 31	6 45	0 31	0 55	2 5	32 38	14 55	1 11	0 43	16 41			n.a.
S 10	22 2	16 36	4 38	23 50	0 7	21 7	2 7	19 25	0 22	17 12	0 32	22 19	0 31	6 46	0 31	0 55	2 5	32 37	14 54	1 8	0 42	16 42			n.a.
M11	22 11	13 57	4 0	23 37	0s 4	20 49	2 21	19 35	0 23	17 16	0 31	22 20	0 31	6 47	0 31	0 54	2 5	32 36	14 54	1 6	0 40	16 43			n.a.
T 12	22 20	10 37	3 9	23 23	0 15	20 32	2 35	19 45	0 23	17 20	0 31	22 21	0 31	6 48	0 31	0 54	2 4	32 36	14 54	1 4	0 39	16 44			n.a.
W13	22 28	6 51	2 9	23 8	0 27	20 14	2 49	19 55	0 24	17 23	0 31	22 22	0 31	6 49	0 31	0 54	2 4	32 35	14 53	1 4	0 38	16 44			n.a.
T 14	22 36	2 52	1 5	22 53	0 39	19 57	3 3	20 5	0 25	17 27	0 31	22 23	0 30	6 50	0 31	0 54	2 4	32 34	14 53	1 4	0 37	16 45			n.a.
F 15	22 44	1s 8	0n 1	22 38	0 51	19 39	3 16	20 15	0 25	17 31	0 31	22 24	0 30	6 51	0 31	0 54	2 4	32 34	14 53	1 4	0 35	16 46			n.a.
S 16	22 51	5 0	1 5	22 22	1 4	19 22	3 29	20 25	0 26	17 34	0 31	22 25	0 30	6 52	0 31	0 54	2 4	32 33	14 52	1 4	0 34	16 47			n.a.
S 17	22 57	8 37	2 6	22 6	1 17	19 5	3 42	20 34	0 26	17 38	0 31	22 26	0 30	6 53	0 31	0 54	2 4	32 32	14 52	1 3	0 33	16 48			n.a.
M18	23 4	11 51	3 0	21 50	1 30	18 48	3 54	20 43	0 27	17 42	0 31	22 27	0 30	6 54	0 31	0 54	2 4	32 31	14 52	1 1	0 32	16 49			n.a.
T 19	23 9	14 36	3 46	21 34	1 44	18 32	4 6	20 53	0 27	17 45	0 31	22 28	0 30	6 54	0 31	0 54	2 4	32 31	14 51	0 58	0 30	16 50			n.a.
W20	23 15	16 44	4 22	21 19	1 57	18 16	4 17	21 2	0 28	17 49	0 31	22 29	0 30	6 55	0 31	0 54	2 4	32 30	14 51	0 54	0 29	16 50			n.a.
T 21	23 20	18 9	4 47	21 3	2 11	18 1	4 28	21 10	0 29	17 52	0 31	22 30	0 30	6 56	0 31	0 54	2 4	32 29	14 51	0 49	0 28	16 51			n.a.
F 22	23 25	18 47	4 59	20 48	2 24	17 46	4 38	21 19	0 29	17 55	0 31	22 31	0 30	6 57	0 31	0 53	2 4	32 29	14 51	0 43	0 26	16 52			n.a.
S 23	23 29	18 35	4 58	20 34	2 38	17 32	4 47	21 27	0 30	17 59	0 31	22 32	0 30	6 58	0 31	0 53	2 4	32 28	14 50	0 38	0 25	16 53			n.a.
S 24	23 33	17 32	4 44	20 20	2 51	17 18	4 56	21 36	0 30	18 2	0 31	22 33	0 30	6 58	0 31	0 53	2 4	32 27	14 50	0 33	0 24	16 54			n.a.
M25	23 36	15 41	4 17	20 7	3 4	17 6	5 5	21 44	0 31	18 6	0 31	22 34	0 29	6 59	0 31	0 53	2 4	32 26	14 50	0 29	0 23	16 54			n.a.
T 26	23 39	13 5	3 37	19 55	3 17	16 54	5 12	21 52	0 31	18 9	0 30	22 35	0 29	7 0	0 31	0 54	2 4	32 26	14 49	0 26	0 21	16 55			n.a.
W27	23 42	9 50	2 46	19 43	3 30	16 43	5 19	22 0	0 32	18 12	0 30	22 36	0 29	7 1	0 32	0 54	2 3	32 25	14 49	0 24	0 20	16 56			n.a.
T 28	23 44	6 4	1 45	19 33	3 41	16 33	5 26	22 7	0 33	18 16	0 30	22 37	0 29	7 1	0 32	0 54	2 3	32 24	14 49	0 23	0 19	16 57			n.a.
F 29	23 46	1 55	0 38	19 24	3 52	16 24	5 32	22 15	0 33	18 19	0 30	22 37	0 29	7 2	0 32	0 54	2 3	32 23	14 49	0 23	0 17	16 58			n.a.
S 30	23n47	2n26	0s34	19n16	4s 3	16n15	5s37	22n22	0n34	18n22	0s30	22n38	0s29	7n 3	0s32	0s54	2n 3	32n23	14n48	0s23	0s16	16s58			n.a.

Julian Day Number = 1355959.5, Delta T = 07h03m10s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'21, Lahiri = -17°46'21 Julian Calendar 1 June 1001 BCE == Greg. Calendar 23 May 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

JULY 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 58 32	28♊23'50	21♈13	11°R 9	6°R34	7♊37	23♉23	16♊40	18♈58	6♎54	9♑25	0°R57	0♎37	5♐39	n.a.	S 1
M 2	18 2 28	29°21'20	5♉31	10♋35	6♊19	8°16	23°35	16°48	18°59	6°54	9°27	0♎54	0°34	5°46	n.a.	M 2
T 3	18 6 25	0♋18'52	20°13	9°56	6° 7	8°54	23°48	16°56	19° 1	6°54	9°28	0°49	0°30	5°53	n.a.	T 3
W 4	18 10 21	1°16'26	5♊13	9°14	5°58	9°33	24° 0	17° 3	19° 3	6°54	9°30	0°41	0°27	5°59	n.a.	W 4
T 5	18 14 18	2°14'01	20°22	8°28	5°51	10°12	24°12	17°11	19° 4	6°54	9°32	0°31	0°24	6° 6	n.a.	T 5
F 6	18 18 14	3°11'37	5♋32	7°41	5°46	10°50	24°24	17°19	19° 6	6°55	9°34	0°20	0°21	6°13	n.a.	F 6
S 7	18 22 11	4° 9'15	20°31	6°51	5°43	11°29	24°36	17°26	19° 7	6°55	9°36	0° 9	0°18	6°19	n.a.	S 7
S 8	18 26 8	5° 6'54	5♌ 9	6° 2	5°D43	12° 7	24°48	17°34	19° 8	6°55	9°38	29♍59	0°15	6°26	n.a.	S 8
M 9	18 30 4	6° 4'35	19°22	5°12	5°45	12°46	25° 0	17°41	19°10	6°55	9°40	29°53	0°11	6°33	n.a.	M 9
T 10	18 34 1	7° 2'16	3♍ 5	4°24	5°50	13°24	25°11	17°49	19°11	6°56	9°41	29°48	0° 8	6°40	n.a.	T 10
W11	18 37 57	7°59'59	16°20	3°38	5°56	14° 3	25°23	17°56	19°12	6°56	9°43	29°46	0° 5	6°46	n.a.	W11
T 12	18 41 54	8°57'43	29° 8	2°55	6° 5	14°41	25°35	18° 4	19°14	6°57	9°45	29°D46	0° 2	6°53	n.a.	T 12
F 13	18 45 50	9°55'28	11♎36	2°17	6°16	15°19	25°46	18°11	19°15	6°57	9°47	29°R46	29♍59	7° 0	n.a.	F 13
S 14	18 49 47	10°53'15	23°46	1°43	6°29	15°58	25°58	18°19	19°16	6°58	9°49	29°45	29°55	7° 6	n.a.	S 14
S 15	18 53 43	11°51'03	5♏45	1°15	6°44	16°36	26° 9	18°26	19°17	6°58	9°51	29°43	29°52	7°13	n.a.	S 15
M16	18 57 40	12°48'52	17°38	0°54	7° 1	17°14	26°20	18°33	19°18	6°59	9°53	29°39	29°49	7°20	n.a.	M16
T 17	19 1 37	13°46'43	29°29	0°39	7°19	17°52	26°32	18°41	19°19	6°59	9°55	29°31	29°46	7°27	n.a.	T 17
W18	19 5 33	14°44'35	11♐21	0°D32	7°40	18°31	26°43	18°48	19°20	7° 0	9°57	29°22	29°43	7°33	n.a.	W18
T 19	19 9 30	15°42'29	23°17	0°33	8° 2	19° 9	26°54	18°55	19°21	7° 0	9°59	29°10	29°40	7°40	n.a.	T 19
F 20	19 13 26	16°40'24	5♑19	0°41	8°26	19°47	27° 5	19° 2	19°21	7° 1	10° 1	28°57	29°36	7°47	n.a.	F 20
S 21	19 17 23	17°38'22	17°29	0°57	8°52	20°25	27°16	19° 9	19°22	7° 2	10° 3	28°44	29°33	7°53	n.a.	S 21
S 22	19 21 19	18°36'20	29°48	1°22	9°20	21° 3	27°27	19°17	19°23	7° 3	10° 5	28°33	29°30	8° 0	n.a.	S 22
M23	19 25 16	19°34'21	12♒15	1°54	9°49	21°41	27°37	19°24	19°23	7° 3	10° 8	28°23	29°27	8° 7	n.a.	M23
T 24	19 29 12	20°32'24	24°53	2°35	10°19	22°19	27°48	19°31	19°24	7° 4	10°10	28°16	29°24	8°14	n.a.	T 24
W25	19 33 9	21°30'28	7♓41	3°23	10°51	22°57	27°58	19°38	19°25	7° 5	10°12	28°12	29°21	8°20	n.a.	W25
T 26	19 37 6	22°28'35	20°42	4°18	11°24	23°35	28° 9	19°45	19°25	7° 6	10°14	28°10	29°17	8°27	n.a.	T 26
F 27	19 41 2	23°26'43	3♈57	5°21	11°59	24°13	28°19	19°52	19°26	7° 7	10°16	28°D10	29°14	8°34	n.a.	F 27
S 28	19 44 59	24°24'54	17°28	6°30	12°35	24°51	28°29	19°59	19°26	7° 8	10°18	28°11	29°11	8°40	n.a.	S 28
S 29	19 48 55	25°23'07	1♉17	7°46	13°12	25°29	28°40	20° 6	19°26	7° 9	10°20	28°R11	29° 8	8°47	n.a.	S 29
M30	19 52 52	26°21'22	15°25	9° 7	13°50	26° 7	28°50	20°12	19°27	7°10	10°22	28° 9	29° 5	8°54	n.a.	M30
T 31	19 56 48	27♋19'39	29♉50	10♋34	14♊30	26♊44	29♉ 0	20♊19	19♈27	7♎11	10♑25	28♍ 5	29♍ 1	9♐ 1	n.a.	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	decl	lat
S 1	23n48	6n47	1s45	19n 9	4s12	16n 8	5s41	22n29	0n34	18n25	0s30	22n39	0s29	7n 3	0s32	0s54	2n 3	32n22	14n48	0s23	0s15	16s59			n.a.
M 2	23 49	10 52	2 52	19 4	4 20	16 2	5 45	22 36	0 35	18 28	0 30	22 40	0 29	7 4	0 32	0 54	2 3	32 21	14 48	0 22	0 14	17 0			n.a.
T 3	23 49	14 24	3 49	19 0	4 26	15 57	5 49	22 43	0 35	18 32	0 30	22 41	0 29	7 4	0 32	0 54	2 3	32 20	14 48	0 20	0 12	17 1			n.a.
W 4	23 48	17 3	4 32	18 58	4 32	15 52	5 51	22 49	0 36	18 35	0 30	22 42	0 29	7 5	0 32	0 54	2 3	32 20	14 47	0 16	0 11	17 2			n.a.
T 5	23 48	18 32	4 56	18 57	4 35	15 49	5 54	22 56	0 37	18 38	0 30	22 42	0 29	7 6	0 32	0 54	2 3	32 19	14 47	0 12	0 10	17 2			n.a.
F 6	23 46	18 43	4 59	18 58	4 37	15 46	5 55	23 2	0 37	18 41	0 30	22 43	0 29	7 6	0 32	0 54	2 3	32 18	14 47	0 8	0 8	17 3			n.a.
S 7	23 45	17 34	4 42	19 1	4 37	15 44	5 57	23 8	0 38	18 44	0 30	22 44	0 29	7 7	0 32	0 55	2 3	32 17	14 47	0 4	0 7	17 4			n.a.
S 8	23 43	15 18	4 6	19 5	4 36	15 44	5 58	23 14	0 38	18 47	0 30	22 45	0 28	7 7	0 32	0 55	2 3	32 17	14 47	0n 0	0 6	17 5			n.a.
M 9	23 40	12 8	3 16	19 10	4 32	15 44	5 58	23 19	0 39	18 50	0 30	22 46	0 28	7 8	0 32	0 55	2 3	32 16	14 46	0 3	0 5	17 6			n.a.
T 10	23 37	8 25	2 16	19 18	4 27	15 44	5 58	23 25	0 39	18 53	0 30	22 46	0 28	7 8	0 32	0 55	2 3	32 15	14 46	0 5	0 3	17 6			n.a.
W11	23 34	4 24	1 11	19 26	4 20	15 46	5 57	23 30	0 40	18 56	0 30	22 47	0 28	7 9	0 32	0 55	2 3	32 14	14 46	0 5	0 2	17 7			n.a.
T 12	23 30	0 18	0 3	19 36	4 11	15 48	5 57	23 35	0 40	18 58	0 30	22 48	0 28	7 9	0 32	0 56	2 2	32 14	14 46	0 6	0 1	17 8			n.a.
F 13	23 26	3s42	1n 2	19 47	4 0	15 51	5 55	23 40	0 41	19 1	0 30	22 49	0 28	7 9	0 32	0 56	2 2	32 13	14 46	0 6	0n 1	17 9			n.a.
S 14	23 21	7 27	2 4	20 0	3 48	15 55	5 54	23 45	0 42	19 4	0 29	22 49	0 28	7 10	0 32	0 56	2 2	32 12	14 45	0 6	0 2	17 9			n.a.
S 15	23 16	10 51	2 58	20 13	3 35	15 59	5 52	23 49	0 42	19 7	0 29	22 50	0 28	7 10	0 32	0 56	2 2	32 11	14 45	0 7	0 3	17 10			n.a.
M16	23 11	13 46	3 45	20 28	3 20	16 4	5 50	23 54	0 43	19 10	0 29	22 51	0 28	7 11	0 32	0 57	2 2	32 11	14 45	0 9	0 4	17 11			n.a.
T 17	23 5	16 6	4 21	20 43	3 5	16 10	5 47	23 58	0 43	19 12	0 29	22 52	0 28	7 11	0 32	0 57	2 2	32 10	14 45	0 12	0 6	17 12			n.a.
W18	22 59	17 45	4 47	21 0	2 49	16 16	5 45	24 2	0 44	19 15	0 29	22 52	0 28	7 11	0 32	0 57	2 2	32 9	14 45	0 15	0 7	17 12			n.a.
T 19	22 52	18 39	5 0	21 16	2 32	16 22	5 42	24 6	0 44	19 18	0 29	22 53	0 28	7 12	0 32	0 58	2 2	32 8	14 45	0 20	0 8	17 13			n.a.
F 20	22 45	18 43	4 59	21 33	2 15	16 29	5 38	24 10	0 45	19 20	0 29	22 54	0 28	7 12	0 32	0 58	2 2	32 8	14 45	0 25	0 10	17 14			n.a.
S 21	22 38	17 56	4 45	21 50	1 58	16 36	5 35	24 13	0 46	19 23	0 29	22 54	0 28	7 12	0 32	0 58	2 2	32 7	14 44	0 31	0 11	17 15			n.a.
S 22	22 30	16 18	4 18	22 7	1 41	16 44	5 31	24 16	0 46	19 25	0 29	22 55	0 27	7 12	0 32	0 59	2 2	32 6	14 44	0 35	0 12	17 15			n.a.
M23	22 22	13 54	3 38	22 24	1 24	16 52	5 28	24 19	0 47	19 28	0 29	22 56	0 27	7 13	0 32	0 59	2 2	32 6	14 44	0 39	0 13	17 16			n.a.
T 24	22 13	10 48	2 47	22 40	1 7	17 0	5 24	24 22	0 47	19 30	0 29	22 56	0 27	7 13	0 32	0 59	2 2	32 5	14 44	0 42	0 15	17 17			n.a.
W25	22 4	7 10	1 47	22 56	0 51	17 9	5 20	24 25	0 48	19 33	0 29	22 57	0 27	7 13	0 32	1 0	2 2	32 4	14 44	0 44	0 16	17 18			n.a.
T 26	21 54	3 8	0 40	23 10	0 35	17 18	5 15	24 27	0 48	19 35	0 29	22 57	0 27	7 13	0 32	1 0	2 2	32 3	14 44	0 44	0 17	17 18			n.a.
F 27	21 44	1n 7	0s31	23 23	0 19	17 27	5 11	24 30	0 49	19 38	0 29	22 58	0 27	7 13	0 32	1 1	2 1	32 3	14 44	0 44	0 19	17 19			n.a.
S 28	21 34	5 25	1 41	23 35	0 4	17 36	5 6	24 32	0 49	19 40	0 29	22 59	0 27	7 14	0 32	1 1	2 1	32 2	14 44	0 44	0 20	17 20			n.a.
S 29	21 24	9 30	2 47	23 44	0n10	17 45	5 2	24 34	0 50	19 42	0 29	22 59	0 27	7 14	0 32	1 2	2 1	32 1	14 44	0 44	0 21	17 21			n.a.
M30	21 13	13 8	3 44	23 52	0 23	17 54	4 57	24 36	0 51	19 44	0 29	23 0	0 27	7 14	0 32	1 2	2 1	32 1	14 44	0 45	0 22	17 21			n.a.
T 31	21n 1	16n 3	4s29	23n58	0n35	18n 4	4s52	24n37	0n51	19n47	0s29	23n 0	0s27	7n14	0s32	1s 2	2n 1	32n 0	14n44	0n46	0n24	17s22			n.a.

Julian Day Number = 1355989.5, Delta T = 07h03m08s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'17, Lahiri = -17°46'16 Julian Calendar 1 July 1001 BCE == Greg. Calendar 22 June 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

AUGUST 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 0 45	28♋17'59	14♊30	12♋ 5	15♊10	27♊22	29♉ 9	20♊26	19♈27	7♎12	10♌27	27°R59	28♍58	9♐ 7	n.a.	W 1
T 2	20 4 41	29°16'21	29°19	13°41	15°52	28° 0	29°19	20°32	19°27	7°13	10°29	27♍51	28°55	9°14	n.a.	T 2
F 3	20 8 38	0♌14'45	14♋10	15°20	16°35	28°38	29°29	20°39	19°27	7°14	10°31	27°43	28°52	9°21	n.a.	F 3
S 4	20 12 35	1°13'11	28°53	17° 3	17°19	29°15	29°38	20°46	19°27	7°15	10°33	27°34	28°49	9°27	n.a.	S 4
S 5	20 16 31	2°11'39	13♌21	18°48	18° 3	29°53	29°48	20°52	19°R27	7°16	10°35	27°26	28°46	9°34	n.a.	S 5
M 6	20 20 28	3°10'09	27°28	20°36	18°49	0♋31	29°57	20°59	19°27	7°17	10°38	27°20	28°42	9°41	n.a.	M 6
T 7	20 24 24	4° 8'41	11♍10	22°25	19°35	1° 8	0♊ 6	21° 5	19°27	7°19	10°40	27°17	28°39	9°48	n.a.	T 7
W 8	20 28 21	5° 7'15	24°26	24°16	20°23	1°46	0°15	21°11	19°27	7°20	10°42	27°D16	28°36	9°54	n.a.	W 8
T 9	20 32 17	6° 5'51	7♎18	26° 7	21°11	2°24	0°24	21°18	19°27	7°21	10°44	27°16	28°33	10° 1	n.a.	T 9
F 10	20 36 14	7° 4'28	19°48	28° 0	22° 0	3° 1	0°33	21°24	19°27	7°22	10°46	27°17	28°30	10° 8	n.a.	F 10
S 11	20 40 10	8° 3'07	2♏ 1	29°52	22°49	3°39	0°42	21°30	19°26	7°24	10°49	27°18	28°27	10°14	n.a.	S 11
S 12	20 44 7	9° 1'48	14° 1	1♌45	23°40	4°16	0°50	21°36	19°26	7°25	10°51	27°R18	28°23	10°21	n.a.	S 12
M13	20 48 3	10° 0'31	25°55	3°38	24°31	4°54	0°59	21°42	19°26	7°27	10°53	27°17	28°20	10°28	n.a.	M13
T 14	20 52 0	10°59'16	7♐47	5°31	25°23	5°31	1° 7	21°48	19°25	7°28	10°55	27°13	28°17	10°35	n.a.	T 14
W15	20 55 57	11°58'03	19°41	7°23	26°15	6° 8	1°15	21°54	19°25	7°29	10°57	27° 8	28°14	10°41	n.a.	W15
T 16	20 59 53	12°56'51	1♑41	9°14	27° 9	6°46	1°23	22° 0	19°24	7°31	11° 0	27° 1	28°11	10°48	n.a.	T 16
F 17	21 3 50	13°55'42	13°50	11° 5	28° 2	7°23	1°31	22° 6	19°23	7°32	11° 2	26°53	28° 7	10°55	n.a.	F 17
S 18	21 7 46	14°54'34	26° 9	12°56	28°57	8° 0	1°39	22°12	19°23	7°34	11° 4	26°45	28° 4	11° 1	n.a.	S 18
S 19	21 11 43	15°53'29	8♒41	14°45	29°52	8°37	1°47	22°17	19°22	7°35	11° 6	26°38	28° 1	11° 8	n.a.	S 19
M20	21 15 39	16°52'26	21°26	16°34	0♋47	9°15	1°54	22°23	19°21	7°37	11° 8	26°32	27°58	11°15	n.a.	M20
T 21	21 19 36	17°51'25	4♓23	18°22	1°44	9°52	2° 2	22°28	19°21	7°39	11°11	26°28	27°55	11°22	n.a.	T 21
W22	21 23 32	18°50'26	17°32	20° 9	2°40	10°29	2° 9	22°34	19°20	7°40	11°13	26°26	27°52	11°28	n.a.	W22
T 23	21 27 29	19°49'29	0♈53	21°55	3°38	11° 6	2°16	22°39	19°19	7°42	11°15	26°D26	27°48	11°35	n.a.	T 23
F 24	21 31 25	20°48'35	14°25	23°41	4°35	11°43	2°23	22°45	19°18	7°43	11°17	26°27	27°45	11°42	n.a.	F 24
S 25	21 35 22	21°47'43	28° 8	25°25	5°34	12°20	2°30	22°50	19°17	7°45	11°19	26°29	27°42	11°49	n.a.	S 25
S 26	21 39 19	22°46'54	12♉ 2	27° 9	6°32	12°57	2°36	22°55	19°16	7°47	11°21	26°30	27°39	11°55	n.a.	S 26
M27	21 43 15	23°46'07	26° 7	28°52	7°31	13°34	2°43	23° 0	19°15	7°49	11°24	26°R30	27°36	12° 2	n.a.	M27
T 28	21 47 12	24°45'23	10♊20	0♍34	8°31	14°11	2°49	23° 5	19°14	7°50	11°26	26°29	27°32	12° 9	n.a.	T 28
W29	21 51 8	25°44'41	24°41	2°15	9°31	14°48	2°55	23°10	19°12	7°52	11°28	26°27	27°29	12°15	n.a.	W29
T 30	21 55 5	26°44'02	9♋ 5	3°55	10°31	15°25	3° 1	23°15	19°11	7°54	11°30	26°23	27°26	12°22	n.a.	T 30
F 31	21 59 1	27♌43'25	23♋28	5♍34	11♋32	16♋ 2	3♊ 7	23♊20	19♈10	7♎56	11♌32	26♍19	27♍23	12♐29	n.a.	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
W 1	20n49	17n59	4s56	24n 1	0n46	18n13	4s47	24n39	0n52	19n49	0s29	23n 1	0s27	7n14	0s32	1s 3	2n 1	31n59	14n44	0n49	0n25	17s23			n.a.
T 2	20 37	18 44	5 5	24 2	0 57	18 23	4 42	24 40	0 52	19 51	0 29	23 1	0 27	7 14	0 32	1 3	2 1	31 59	14 44	0 52	0 26	17 23			n.a.
F 3	20 25	18 12	4 52	24 0	1 6	18 32	4 36	24 41	0 53	19 53	0 29	23 2	0 27	7 14	0 32	1 4	2 1	31 58	14 44	0 55	0 27	17 24			n.a.
S 4	20 12	16 27	4 21	23 56	1 14	18 42	4 31	24 42	0 53	19 55	0 29	23 2	0 27	7 14	0 32	1 4	2 1	31 57	14 44	0 59	0 29	17 25			n.a.
S 5	19 59	13 40	3 33	23 49	1 22	18 51	4 26	24 43	0 54	19 57	0 29	23 3	0 27	7 14	0 32	1 5	2 1	31 57	14 44	1 2	0 30	17 25			n.a.
M 6	19 45	10 9	2 33	23 40	1 28	19 1	4 20	24 43	0 54	20 0	0 28	23 4	0 27	7 14	0 32	1 5	2 1	31 56	14 44	1 4	0 31	17 26			n.a.
T 7	19 31	6 10	1 25	23 28	1 34	19 10	4 15	24 43	0 55	20 2	0 28	23 4	0 26	7 14	0 32	1 6	2 1	31 55	14 44	1 6	0 33	17 27			n.a.
W 8	19 17	2 1	0 15	23 13	1 39	19 19	4 9	24 44	0 56	20 4	0 28	23 5	0 26	7 14	0 32	1 7	2 1	31 55	14 44	1 6	0 34	17 28			n.a.
T 9	19 2	2s 7	0n54	22 56	1 42	19 28	4 3	24 44	0 56	20 5	0 28	23 5	0 26	7 14	0 32	1 7	2 1	31 54	14 44	1 6	0 35	17 28			n.a.
F 10	18 47	6 2	1 58	22 36	1 45	19 37	3 58	24 43	0 57	20 7	0 28	23 5	0 26	7 14	0 32	1 8	2 1	31 53	14 44	1 6	0 36	17 29			n.a.
S 11	18 32	9 36	2 56	22 15	1 47	19 45	3 52	24 43	0 57	20 9	0 28	23 6	0 26	7 13	0 32	1 8	2 1	31 53	14 44	1 5	0 38	17 30			n.a.
S 12	18 17	12 43	3 45	21 51	1 49	19 53	3 46	24 42	0 58	20 11	0 28	23 6	0 26	7 13	0 32	1 9	2 0	31 52	14 44	1 5	0 39	17 30			n.a.
M13	18 1	15 16	4 24	21 25	1 50	20 1	3 40	24 42	0 58	20 13	0 28	23 7	0 26	7 13	0 32	1 10	2 0	31 51	14 44	1 6	0 40	17 31			n.a.
T 14	17 45	17 10	4 51	20 57	1 50	20 9	3 35	24 41	0 59	20 15	0 28	23 7	0 26	7 13	0 32	1 10	2 0	31 51	14 44	1 7	0 42	17 32			n.a.
W15	17 28	18 19	5 6	20 28	1 49	20 17	3 29	24 39	0 59	20 16	0 28	23 8	0 26	7 13	0 32	1 11	2 0	31 50	14 44	1 9	0 43	17 32			n.a.
T 16	17 11	18 41	5 7	19 57	1 48	20 24	3 23	24 38	1 0	20 18	0 28	23 8	0 26	7 12	0 33	1 11	2 0	31 50	14 44	1 12	0 44	17 33			n.a.
F 17	16 54	18 11	4 55	19 25	1 46	20 31	3 17	24 37	1 1	20 20	0 28	23 9	0 26	7 12	0 33	1 12	2 0	31 49	14 44	1 15	0 45	17 34			n.a.
S 18	16 37	16 50	4 29	18 51	1 44	20 37	3 11	24 35	1 1	20 21	0 28	23 9	0 26	7 12	0 33	1 13	2 0	31 48	14 44	1 19	0 47	17 34			n.a.
S 19	16 19	14 40	3 50	18 16	1 41	20 43	3 5	24 33	1 2	20 23	0 28	23 9	0 26	7 12	0 33	1 13	2 0	31 48	14 44	1 21	0 48	17 35			n.a.
M20	16 1	11 46	2 59	17 40	1 38	20 49	2 59	24 31	1 2	20 25	0 28	23 10	0 26	7 11	0 33	1 14	2 0	31 47	14 44	1 24	0 49	17 36			n.a.
T 21	15 43	8 14	1 57	17 3	1 35	20 55	2 53	24 29	1 3	20 26	0 28	23 10	0 26	7 11	0 33	1 15	2 0	31 47	14 44	1 25	0 51	17 36			n.a.
W22	15 25	4 16	0 48	16 26	1 31	21 0	2 48	24 27	1 3	20 28	0 28	23 10	0 26	7 11	0 33	1 15	2 0	31 46	14 44	1 26	0 52	17 37			n.a.
T 23	15 6	0 1	0s24	15 47	1 27	21 4	2 42	24 24	1 4	20 29	0 28	23 11	0 26	7 10	0 33	1 16	2 0	31 46	14 45	1 26	0 53	17 38			n.a.
F 24	14 47	4n17	1 37	15 7	1 22	21 8	2 36	24 21	1 4	20 30	0 28	23 11	0 25	7 10	0 33	1 17	2 0	31 45	14 45	1 26	0 54	17 38			n.a.
S 25	14 28	8 25	2 44	14 27	1 17	21 12	2 30	24 18	1 5	20 32	0 28	23 11	0 25	7 10	0 33	1 18	2 0	31 45	14 45	1 25	0 56	17 39			n.a.
S 26	14 8	12 9	3 43	13 47	1 12	21 15	2 24	24 15	1 6	20 33	0 28	23 12	0 25	7 9	0 33	1 18	2 0	31 44	14 45	1 25	0 57	17 40			n.a.
M27	13 48	15 13	4 30	13 6	1 7	21 18	2 18	24 12	1 6	20 35	0 28	23 12	0 25	7 9	0 33	1 19	2 0	31 44	14 45	1 25	0 58	17 40			n.a.
T 28	13 28	17 24	5 0	12 24	1 1	21 20	2 12	24 9	1 7	20 36	0 28	23 12	0 25	7 8	0 33	1 20	2 0	31 43	14 45	1 25	1 0	17 41			n.a.
W29	13 8	18 30	5 12	11 42	0 56	21 22	2 6	24 5	1 7	20 37	0 28	23 13	0 25	7 8	0 33	1 20	2 0	31 42	14 45	1 26	1 1	17 42			n.a.
T 30	12 48	18 25	5 5	11 0	0 50	21 23	2 1	24 2	1 8	20 38	0 28	23 13	0 25	7 7	0 33	1 21	2 0	31 42	14 46	1 27	1 2	17 42			n.a.
F 31	12n27	17n10	4s38	10n17	0n44	21n24	1s55	23n58	1n 8	20n39	0s27	23n13	0s25	7n 7	0s33	1s22	2n 0	31n42	14n46	1n29	1n 3	17s43			n.a.

Julian Day Number = 1356020.5, Delta T = 07h03m07s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'13, Lahiri = -17°46'12 Julian Calendar 1 Aug. 1001 BCE == Greg. Calendar 23 July 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

SEPTEMBER 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 2 58	28♌42'50	7♌45	7♍13	12♋34	16♋39	3♊13	23♊24	19°R 9	7♎58	11♌34	26°R15	27♍20	12♐36	n.a.	S 1
S 2	22 6 54	29°42'18	21°50	8°51	13°35	17°16	3°18	23°29	19♈ 7	7°59	11°37	26♍11	27°17	12°42	n.a.	S 2
M 3	22 10 51	0♍41'48	5♍39	10°28	14°37	17°53	3°24	23°33	19° 6	8° 1	11°39	26° 9	27°13	12°49	n.a.	M 3
T 4	22 14 48	1°41'20	19°10	12° 4	15°40	18°29	3°29	23°38	19° 4	8° 3	11°41	26° 7	27°10	12°56	n.a.	T 4
W 5	22 18 44	2°40'54	2♎19	13°40	16°42	19° 6	3°34	23°42	19° 3	8° 5	11°43	26°D 7	27° 7	13° 2	n.a.	W 5
T 6	22 22 41	3°40'30	15° 8	15°15	17°45	19°43	3°39	23°46	19° 1	8° 7	11°45	26° 8	27° 4	13° 9	n.a.	T 6
F 7	22 26 37	4°40'08	27°38	16°49	18°49	20°20	3°44	23°51	19° 0	8° 9	11°47	26°10	27° 1	13°16	n.a.	F 7
S 8	22 30 34	5°39'48	9♏53	18°23	19°52	20°56	3°48	23°55	18°58	8°11	11°49	26°12	26°58	13°23	n.a.	S 8
S 9	22 34 30	6°39'30	21°56	19°56	20°56	21°33	3°53	23°59	18°57	8°13	11°51	26°13	26°54	13°29	n.a.	S 9
M10	22 38 27	7°39'14	3♐51	21°28	22° 1	22° 9	3°57	24° 3	18°55	8°15	11°53	26°R14	26°51	13°36	n.a.	M10
T 11	22 42 23	8°39'00	15°43	23° 0	23° 5	22°46	4° 1	24° 6	18°53	8°17	11°55	26°13	26°48	13°43	n.a.	T 11
W12	22 46 20	9°38'48	27°38	24°31	24°10	23°22	4° 5	24°10	18°51	8°19	11°57	26°12	26°45	13°49	n.a.	W12
T 13	22 50 16	10°38'37	9♑39	26° 1	25°15	23°59	4° 8	24°14	18°50	8°21	11°59	26°11	26°42	13°56	n.a.	T 13
F 14	22 54 13	11°38'29	21°51	27°30	26°21	24°35	4°12	24°17	18°48	8°23	12° 1	26° 9	26°38	14° 3	n.a.	F 14
S 15	22 58 10	12°38'22	4♒17	28°59	27°27	25°11	4°15	24°21	18°46	8°25	12° 3	26° 7	26°35	14°10	n.a.	S 15
S 16	23 2 6	13°38'17	16°59	0♎28	28°33	25°48	4°18	24°24	18°44	8°27	12° 5	26° 5	26°32	14°16	n.a.	S 16
M17	23 6 3	14°38'14	29°58	1°55	29°39	26°24	4°21	24°27	18°42	8°29	12° 7	26° 3	26°29	14°23	n.a.	M17
T 18	23 9 59	15°38'13	13♓15	3°22	0♌45	27° 0	4°24	24°30	18°40	8°31	12° 9	26° 3	26°26	14°30	n.a.	T 18
W19	23 13 56	16°38'14	26°49	4°49	1°52	27°36	4°26	24°33	18°38	8°33	12°11	26°D 2	26°23	14°37	n.a.	W19
T 20	23 17 52	17°38'17	10♈36	6°14	2°59	28°13	4°29	24°36	18°36	8°35	12°13	26° 3	26°19	14°43	n.a.	T 20
F 21	23 21 49	18°38'22	24°35	7°39	4° 6	28°49	4°31	24°39	18°34	8°38	12°15	26° 3	26°16	14°50	n.a.	F 21
S 22	23 25 45	19°38'29	8♉42	9° 3	5°14	29°25	4°33	24°42	18°32	8°40	12°16	26° 4	26°13	14°57	n.a.	S 22
S 23	23 29 42	20°38'39	22°55	10°26	6°21	0♌ 1	4°34	24°44	18°30	8°42	12°18	26° 4	26°10	15° 3	n.a.	S 23
M24	23 33 38	21°38'51	7♊ 9	11°48	7°29	0°37	4°36	24°47	18°28	8°44	12°20	26° 5	26° 7	15°10	n.a.	M24
T 25	23 37 35	22°39'05	21°22	13°10	8°37	1°13	4°37	24°49	18°26	8°46	12°22	26°R 5	26° 3	15°17	n.a.	T 25
W26	23 41 32	23°39'22	5♋32	14°30	9°46	1°49	4°38	24°52	18°23	8°48	12°24	26° 5	26° 0	15°24	n.a.	W26
T 27	23 45 28	24°39'41	19°37	15°49	10°54	2°25	4°39	24°54	18°21	8°51	12°25	26° 5	25°57	15°30	n.a.	T 27
F 28	23 49 25	25°40'01	3♌34	17° 7	12° 3	3° 1	4°40	24°56	18°19	8°53	12°27	26°D 5	25°54	15°37	n.a.	F 28
S 29	23 53 21	26°40'24	17°22	18°24	13°12	3°36	4°41	24°58	18°17	8°55	12°29	26° 5	25°51	15°44	n.a.	S 29
S 30	23 57 18	27♍40'49	0♍59	19♎39	14♌21	4♌12	4♊41	25♊ 0	18♈14	8♎57	12♌31	26♍ 5	25♍48	15♐50	n.a.	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	12n 6	14n50	3s55	9n34	0n37	21n24	1s49	23n54	1n 9	20n41	0s27	23n14	0s25	7n 6	0s33	1s23	2n 0	31n41	14n46	1n31	1n 5	17s43		n.a.
S 2	11 45	11 39	2 57	8 51	0 31	21 24	1 43	23 50	1 10	20 42	0 27	23 14	0 25	7 6	0 33	1 24	1 59	31 41	14 46	1 32	1 6	17 44		n.a.
M 3	11 24	7 53	1 50	8 8	0 24	21 23	1 38	23 45	1 10	20 43	0 27	23 14	0 25	7 5	0 33	1 24	1 59	31 40	14 46	1 33	1 7	17 45		n.a.
T 4	11 2	3 46	0 38	7 25	0 18	21 21	1 32	23 41	1 11	20 44	0 27	23 15	0 25	7 5	0 33	1 25	1 59	31 40	14 47	1 34	1 9	17 45		n.a.
W 5	10 41	0s25	0n34	6 41	0 11	21 19	1 26	23 36	1 11	20 45	0 27	23 15	0 25	7 4	0 33	1 26	1 59	31 39	14 47	1 34	1 10	17 46		n.a.
T 6	10 19	4 28	1 43	5 58	0 4	21 17	1 21	23 31	1 12	20 46	0 27	23 15	0 25	7 3	0 33	1 27	1 59	31 39	14 47	1 33	1 11	17 47		n.a.
F 7	9 57	8 14	2 45	5 15	0s 2	21 14	1 15	23 26	1 12	20 47	0 27	23 15	0 25	7 3	0 33	1 27	1 59	31 38	14 47	1 33	1 12	17 47		n.a.
S 8	9 35	11 33	3 38	4 31	0 9	21 10	1 10	23 21	1 13	20 48	0 27	23 16	0 25	7 2	0 33	1 28	1 59	31 38	14 47	1 32	1 14	17 48		n.a.
S 9	9 12	14 20	4 21	3 48	0 16	21 6	1 4	23 16	1 13	20 49	0 27	23 16	0 25	7 2	0 33	1 29	1 59	31 38	14 48	1 32	1 15	17 48		n.a.
M10	8 50	16 28	4 52	3 5	0 23	21 1	0 59	23 11	1 14	20 49	0 27	23 16	0 25	7 1	0 33	1 30	1 59	31 37	14 48	1 31	1 16	17 49		n.a.
T 11	8 27	17 53	5 11	2 22	0 30	20 55	0 54	23 5	1 15	20 50	0 27	23 16	0 24	7 0	0 33	1 31	1 59	31 37	14 48	1 31	1 17	17 50		n.a.
W12	8 4	18 32	5 16	1 39	0 37	20 49	0 48	22 59	1 15	20 51	0 27	23 16	0 24	7 0	0 33	1 32	1 59	31 36	14 48	1 32	1 19	17 50		n.a.
T 13	7 41	18 21	5 7	0 56	0 44	20 43	0 43	22 53	1 16	20 52	0 27	23 17	0 24	6 59	0 33	1 32	1 59	31 36	14 49	1 32	1 20	17 51		n.a.
F 14	7 18	17 19	4 45	0 14	0 51	20 35	0 38	22 47	1 16	20 52	0 27	23 17	0 24	6 58	0 33	1 33	1 59	31 36	14 49	1 33	1 21	17 51		n.a.
S 15	6 55	15 28	4 9	0s28	0 57	20 28	0 33	22 41	1 17	20 53	0 27	23 17	0 24	6 57	0 33	1 34	1 59	31 35	14 49	1 34	1 23	17 52		n.a.
S 16	6 32	12 49	3 20	1 10	1 4	20 19	0 28	22 35	1 17	20 54	0 27	23 17	0 24	6 57	0 33	1 35	1 59	31 35	14 50	1 35	1 24	17 52		n.a.
M17	6 8	9 29	2 19	1 51	1 11	20 10	0 23	22 29	1 18	20 54	0 27	23 17	0 24	6 56	0 33	1 36	1 59	31 35	14 50	1 35	1 25	17 53		n.a.
T 18	5 45	5 36	1 10	2 33	1 18	20 0	0 18	22 22	1 19	20 55	0 27	23 18	0 24	6 55	0 33	1 37	1 59	31 35	14 50	1 36	1 26	17 54		n.a.
W19	5 21	1 21	0s 4	3 13	1 24	19 50	0 13	22 15	1 19	20 55	0 27	23 18	0 24	6 54	0 33	1 38	1 59	31 34	14 51	1 36	1 28	17 54		n.a.
T 20	4 58	3n 2	1 20	3 54	1 31	19 40	0 8	22 9	1 20	20 56	0 27	23 18	0 24	6 54	0 33	1 38	1 59	31 34	14 51	1 36	1 29	17 55		n.a.
F 21	4 34	7 19	2 32	4 34	1 37	19 28	0 4	22 2	1 20	20 56	0 27	23 18	0 24	6 53	0 33	1 39	1 59	31 34	14 51	1 36	1 30	17 55		n.a.
S 22	4 10	11 14	3 35	5 13	1 43	19 16	0n 1	21 54	1 21	20 57	0 27	23 18	0 24	6 52	0 33	1 40	1 59	31 33	14 51	1 35	1 32	17 56		n.a.
S 23	3 46	14 30	4 26	5 52	1 49	19 4	0 5	21 47	1 21	20 57	0 26	23 19	0 24	6 51	0 33	1 41	1 59	31 33	14 52	1 35	1 33	17 56		n.a.
M24	3 22	16 55	5 0	6 30	1 55	18 51	0 10	21 40	1 22	20 57	0 26	23 19	0 24	6 50	0 33	1 42	1 59	31 33	14 52	1 35	1 34	17 57		n.a.
T 25	2 58	18 16	5 16	7 7	2 1	18 37	0 14	21 32	1 23	20 58	0 26	23 19	0 24	6 49	0 33	1 43	1 59	31 33	14 53	1 35	1 35	17 58		n.a.
W26	2 33	18 29	5 13	7 44	2 6	18 23	0 19	21 25	1 23	20 58	0 26	23 19	0 24	6 49	0 33	1 44	1 59	31 33	14 53	1 35	1 37	17 58		n.a.
T 27	2 9	17 33	4 51	8 20	2 11	18 8	0 23	21 17	1 24	20 58	0 26	23 19	0 24	6 48	0 33	1 45	1 59	31 32	14 53	1 35	1 38	17 59		n.a.
F 28	1 45	15 35	4 12	8 55	2 16	17 53	0 27	21 9	1 24	20 58	0 26	23 19	0 24	6 47	0 33	1 46	1 59	31 32	14 54	1 35	1 39	17 59		n.a.
S 29	1 21	12 43	3 19	9 29	2 21	17 37	0 31	21 1	1 25	20 59	0 26	23 19	0 23	6 46	0 33	1 46	1 59	31 32	14 54	1 35	1 41	18 0		n.a.
S 30	0n56	9n12	2s15	10s 2	2s25	17n20	0n35	20n53	1n26	20n59	0s26	23n20	0s23	6n45	0s33	1s47	1n59	31n32	14n54	1n35	1n42	18s 0		n.a.

Julian Day Number = 1356051.5, Delta T = 07h03m05s
Ecliptic obliquity = 23°48'43, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'08, Lahiri = -17°46'08 Julian Calendar 1 Sept. 1001 BCE == Greg. Calendar 23 Aug. 1001 BCE

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

OCTOBER 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 1 14	28♍41'16	14♍22	20♎52	15♌30	4♌48	4°R41	25♊ 1	18°R12	9♎ 0	12♌32	26♍ 5	25♍44	15♐57	n.a.	M 1
T 2	0 5 11	29°41'45	27°32	22° 4	16°40	5°24	4♊41	25° 3	18♈10	9° 2	12°34	26°R 5	25°41	16° 4	n.a.	T 2
W 3	0 9 7	0♎42'15	10♎27	23°14	17°49	5°59	4°41	25° 5	18° 7	9° 4	12°35	26° 5	25°38	16°11	n.a.	W 3
T 4	0 13 4	1°42'47	23° 6	24°21	18°59	6°35	4°41	25° 6	18° 5	9° 6	12°37	26° 4	25°35	16°17	n.a.	T 4
F 5	0 17 1	2°43'21	5♏31	25°26	20° 9	7°10	4°40	25° 7	18° 3	9° 8	12°39	26° 4	25°32	16°24	n.a.	F 5
S 6	0 20 57	3°43'57	17°44	26°28	21°19	7°46	4°39	25° 9	18° 0	9°11	12°40	26° 3	25°29	16°31	n.a.	S 6
S 7	0 24 54	4°44'33	29°46	27°26	22°29	8°21	4°38	25°10	17°58	9°13	12°42	26° 1	25°25	16°37	n.a.	S 7
M 8	0 28 50	5°45'12	11♐41	28°21	23°40	8°57	4°37	25°11	17°55	9°15	12°43	26° 0	25°22	16°44	n.a.	M 8
T 9	0 32 47	6°45'52	23°33	29°12	24°50	9°32	4°36	25°11	17°53	9°17	12°45	25°59	25°19	16°51	n.a.	T 9
W10	0 36 43	7°46'33	5♑26	29°58	26° 1	10° 7	4°34	25°12	17°50	9°20	12°46	25°D59	25°16	16°58	n.a.	W10
T 11	0 40 40	8°47'15	17°26	0♏39	27°12	10°42	4°32	25°13	17°48	9°22	12°48	25°59	25°13	17° 4	n.a.	T 11
F 12	0 44 36	9°47'59	29°36	1°14	28°23	11°17	4°30	25°13	17°45	9°24	12°49	26° 0	25° 9	17°11	n.a.	F 12
S 13	0 48 33	10°48'44	12♒ 1	1°43	29°34	11°53	4°28	25°14	17°43	9°26	12°50	26° 1	25° 6	17°18	n.a.	S 13
S 14	0 52 29	11°49'30	24°45	2° 4	0♍45	12°28	4°25	25°14	17°40	9°29	12°52	26° 3	25° 3	17°25	n.a.	S 14
M15	0 56 26	12°50'18	7♓52	2°17	1°56	13° 3	4°23	25°14	17°38	9°31	12°53	26° 4	25° 0	17°31	n.a.	M15
T 16	1 0 23	13°51'06	21°21	2°R22	3° 8	13°38	4°20	25°R14	17°35	9°33	12°54	26°R 4	24°57	17°38	n.a.	T 16
W17	1 4 19	14°51'56	5♈13	2°17	4°19	14°12	4°17	25°14	17°33	9°35	12°56	26° 4	24°54	17°45	n.a.	W17
T 18	1 8 16	15°52'48	19°26	2° 1	5°31	14°47	4°14	25°14	17°30	9°38	12°57	26° 3	24°50	17°51	n.a.	T 18
F 19	1 12 12	16°53'40	3♉54	1°35	6°43	15°22	4°10	25°14	17°28	9°40	12°58	26° 1	24°47	17°58	n.a.	F 19
S 20	1 16 9	17°54'34	18°32	0°58	7°54	15°57	4° 7	25°14	17°25	9°42	12°59	25°58	24°44	18° 5	n.a.	S 20
S 21	1 20 5	18°55'30	3♊12	0°11	9° 6	16°31	4° 3	25°13	17°23	9°44	13° 0	25°55	24°41	18°12	n.a.	S 21
M22	1 24 2	19°56'27	17°48	29♎13	10°19	17° 6	3°59	25°13	17°20	9°47	13° 1	25°52	24°38	18°18	n.a.	M22
T 23	1 27 58	20°57'26	2♋15	28° 7	11°31	17°40	3°55	25°12	17°18	9°49	13° 3	25°50	24°34	18°25	n.a.	T 23
W24	1 31 55	21°58'26	16°28	26°52	12°43	18°15	3°51	25°11	17°15	9°51	13° 4	25°D48	24°31	18°32	n.a.	W24
T 25	1 35 52	22°59'27	0♌26	25°33	13°56	18°49	3°46	25°10	17°13	9°53	13° 5	25°48	24°28	18°39	n.a.	T 25
F 26	1 39 48	24° 0'30	14° 8	24°11	15° 8	19°24	3°42	25° 9	17°10	9°56	13° 6	25°50	24°25	18°45	n.a.	F 26
S 27	1 43 45	25° 1'34	27°34	22°48	16°21	19°58	3°37	25° 8	17° 8	9°58	13° 7	25°51	24°22	18°52	n.a.	S 27
S 28	1 47 41	26° 2'40	10♍46	21°29	17°33	20°32	3°32	25° 7	17° 5	10° 0	13° 8	25°53	24°19	18°59	n.a.	S 28
M29	1 51 38	27° 3'46	23°45	20°14	18°46	21° 6	3°26	25° 5	17° 3	10° 2	13° 8	25°R54	24°15	19° 5	n.a.	M29
T 30	1 55 34	28° 4'54	6♎32	19° 8	19°59	21°40	3°21	25° 4	17° 0	10° 4	13° 9	25°53	24°12	19°12	n.a.	T 30
W31	1 59 31	29♎ 6'03	19♎ 7	18♎11	21♍12	22♌14	3♊16	25♊ 2	16♈58	10♎ 6	13♌10	25♍51	24♍ 9	19♐19	n.a.	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	0n32	5n15	1s 5	10s34	2s29	17n 3	0n39	20n45	1n26	20n59	0s26	23n20	0s23	6n44	0s33	1s48	1n59	31n32	14n55	1n35	1n43	18s 1			n.a.
T 2	0 7	1 7	0n 8	11 5	2 33	16 46	0 43	20 37	1 27	20 59	0 26	23 20	0 23	6 43	0 33	1 49	1 59	31 32	14 55	1 35	1 44	18 1			n.a.
W 3	0s17	2s59	1 19	11 34	2 36	16 28	0 46	20 29	1 27	20 59	0 26	23 20	0 23	6 42	0 33	1 50	1 59	31 31	14 56	1 35	1 46	18 2			n.a.
T 4	0 41	6 53	2 24	12 2	2 39	16 9	0 50	20 20	1 28	20 59	0 26	23 20	0 23	6 41	0 33	1 51	1 59	31 31	14 56	1 35	1 47	18 3			n.a.
F 5	1 6	10 24	3 22	12 29	2 41	15 50	0 54	20 11	1 28	20 59	0 26	23 20	0 23	6 41	0 33	1 52	1 59	31 31	14 56	1 35	1 48	18 3			n.a.
S 6	1 30	13 24	4 9	12 53	2 43	15 31	0 57	20 3	1 29	20 59	0 26	23 20	0 23	6 40	0 33	1 53	1 59	31 31	14 57	1 36	1 50	18 4			n.a.
S 7	1 55	15 47	4 44	13 16	2 44	15 11	1 0	19 54	1 30	20 59	0 26	23 20	0 23	6 39	0 33	1 54	1 59	31 31	14 57	1 36	1 51	18 4			n.a.
M 8	2 19	17 28	5 7	13 36	2 44	14 50	1 4	19 45	1 30	20 58	0 26	23 20	0 23	6 38	0 33	1 55	1 59	31 31	14 58	1 37	1 52	18 5			n.a.
T 9	2 44	18 23	5 16	13 54	2 44	14 30	1 7	19 36	1 31	20 58	0 26	23 20	0 23	6 37	0 33	1 55	1 59	31 31	14 58	1 37	1 53	18 5			n.a.
W10	3 8	18 30	5 12	14 10	2 42	14 8	1 10	19 27	1 31	20 58	0 25	23 21	0 23	6 36	0 33	1 56	1 59	31 31	14 59	1 37	1 55	18 6			n.a.
T 11	3 32	17 47	4 55	14 22	2 40	13 46	1 13	19 18	1 32	20 58	0 25	23 21	0 23	6 35	0 33	1 57	1 59	31 31	14 59	1 37	1 56	18 6			n.a.
F 12	3 56	16 15	4 24	14 32	2 37	13 24	1 16	19 8	1 33	20 57	0 25	23 21	0 23	6 34	0 33	1 58	1 59	31 31	14 59	1 37	1 57	18 7			n.a.
S 13	4 21	13 56	3 40	14 38	2 32	13 2	1 19	18 59	1 33	20 57	0 25	23 21	0 23	6 33	0 33	1 59	1 59	31 31	15 0	1 36	1 58	18 7			n.a.
S 14	4 45	10 53	2 45	14 40	2 26	12 38	1 21	18 50	1 34	20 57	0 25	23 21	0 23	6 32	0 33	2 0	1 59	31 31	15 0	1 36	2 0	18 8			n.a.
M15	5 9	7 13	1 39	14 38	2 19	12 15	1 24	18 40	1 34	20 56	0 25	23 21	0 23	6 31	0 33	2 1	1 59	31 31	15 1	1 35	2 1	18 8			n.a.
T 16	5 33	3 5	0 26	14 31	2 11	11 51	1 26	18 30	1 35	20 56	0 25	23 21	0 22	6 30	0 33	2 2	1 59	31 31	15 1	1 35	2 2	18 9			n.a.
W17	5 57	1n20	0s50	14 20	2 1	11 27	1 29	18 21	1 36	20 55	0 25	23 21	0 22	6 29	0 33	2 3	1 59	31 31	15 2	1 35	2 4	18 9			n.a.
T 18	6 21	5 47	2 5	14 3	1 49	11 2	1 31	18 11	1 36	20 55	0 25	23 21	0 22	6 28	0 33	2 3	1 59	31 31	15 2	1 36	2 5	18 10			n.a.
F 19	6 44	9 59	3 14	13 42	1 35	10 37	1 33	18 1	1 37	20 54	0 25	23 21	0 22	6 27	0 33	2 4	1 59	31 31	15 3	1 36	2 6	18 10			n.a.
S 20	7 8	13 36	4 10	13 15	1 20	10 12	1 35	17 51	1 38	20 54	0 25	23 21	0 22	6 26	0 33	2 5	1 59	31 31	15 3	1 38	2 7	18 11			n.a.
S 21	7 31	16 23	4 50	12 42	1 3	9 47	1 37	17 41	1 38	20 53	0 25	23 21	0 22	6 25	0 33	2 6	1 59	31 31	15 4	1 39	2 9	18 11			n.a.
M22	7 55	18 5	5 11	12 4	0 45	9 21	1 39	17 31	1 39	20 52	0 25	23 21	0 22	6 24	0 33	2 7	1 59	31 31	15 4	1 40	2 10	18 12			n.a.
T 23	8 18	18 35	5 12	11 22	0 26	8 54	1 41	17 21	1 39	20 52	0 24	23 21	0 22	6 23	0 33	2 8	1 59	31 32	15 5	1 41	2 11	18 12			n.a.
W24	8 41	17 55	4 54	10 36	0 6	8 28	1 43	17 11	1 40	20 51	0 24	23 21	0 22	6 22	0 33	2 9	1 59	31 32	15 5	1 42	2 13	18 13			n.a.
T 25	9 4	16 10	4 19	9 48	0n15	8 1	1 44	17 0	1 41	20 50	0 24	23 21	0 22	6 21	0 33	2 10	1 59	31 32	15 6	1 41	2 14	18 13			n.a.
F 26	9 27	13 31	3 29	8 58	0 36	7 34	1 46	16 50	1 41	20 49	0 24	23 21	0 22	6 20	0 33	2 10	1 59	31 32	15 6	1 41	2 15	18 14			n.a.
S 27	9 50	10 11	2 29	8 9	0 56	7 7	1 47	16 40	1 42	20 48	0 24	23 21	0 22	6 19	0 33	2 11	1 59	31 32	15 7	1 40	2 16	18 14			n.a.
S 28	10 13	6 23	1 22	7 21	1 15	6 39	1 48	16 29	1 42	20 48	0 24	23 22	0 22	6 18	0 33	2 12	1 59	31 32	15 7	1 40	2 18	18 14			n.a.
M29	10 35	2 20	0 12	6 37	1 32	6 11	1 50	16 19	1 43	20 47	0 24	23 22	0 22	6 18	0 33	2 13	1 59	31 33	15 8	1 39	2 19	18 15			n.a.
T 30	10 57	1s45	0n58	5 57	1 48	5 43	1 51	16 8	1 44	20 46	0 24	23 22	0 22	6 17	0 33	2 14	1 59	31 33	15 8	1 40	2 20	18 15			n.a.
W31	11s19	5s42	2n 3	5s22	2n 2	5n15	1n52	15n57	1n44	20n45	0s24	23n22	0s22	6n16	0s33	2s15	1n59	31n33	15n 9	1n41	2n21	18s16			n.a.

Julian Day Number = 1356081.5, Delta T = 07h03m04s
Ecliptic obliquity = 23°48'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'04, Lahiri = -17°46'04 Julian Calendar 1 Oct. 1001 BCE == Greg. Calendar 22 Sept. 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

NOVEMBER 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 3 27	0♏ 7'12	1♏32	17°R24	22♍25	22♌48	3°R10	25°R 0	16°R55	10♎ 9	13♌11	25°R47	24♍ 6	19♐26	n.a.	T 1
F 2	2 7 24	1° 8'23	13°48	16♎48	23°38	23°22	3♊ 4	24♊59	16♈53	10°11	13°12	25♍41	24° 3	19°32	n.a.	F 2
S 3	2 11 21	2° 9'34	25°54	16°24	24°51	23°56	2°58	24°57	16°51	10°13	13°13	25°34	24° 0	19°39	n.a.	S 3
S 4	2 15 17	3°10'46	7♐53	16°11	26° 4	24°29	2°52	24°55	16°48	10°15	13°13	25°27	23°56	19°46	n.a.	S 4
M 5	2 19 14	4°11'59	19°47	16°D 9	27°18	25° 3	2°46	24°53	16°46	10°17	13°14	25°20	23°53	19°52	n.a.	M 5
T 6	2 23 10	5°13'12	1♑38	16°17	28°31	25°36	2°39	24°50	16°44	10°19	13°15	25°13	23°50	19°59	n.a.	T 6
W 7	2 27 7	6°14'26	13°29	16°33	29°44	26°10	2°33	24°48	16°41	10°21	13°15	25° 9	23°47	20° 6	n.a.	W 7
T 8	2 31 3	7°15'39	25°26	16°59	0♎58	26°43	2°26	24°46	16°39	10°23	13°16	25° 6	23°44	20°13	n.a.	T 8
F 9	2 35 0	8°16'54	7♒31	17°31	2°11	27°16	2°19	24°43	16°37	10°25	13°16	25°D 5	23°40	20°19	n.a.	F 9
S 10	2 38 57	9°18'08	19°51	18°11	3°25	27°50	2°13	24°40	16°34	10°27	13°17	25° 6	23°37	20°26	n.a.	S 10
S 11	2 42 53	10°19'23	2♓30	18°57	4°38	28°23	2° 6	24°38	16°32	10°29	13°17	25° 7	23°34	20°33	n.a.	S 11
M12	2 46 50	11°20'38	15°33	19°48	5°52	28°56	1°58	24°35	16°30	10°31	13°18	25° 8	23°31	20°40	n.a.	M12
T 13	2 50 46	12°21'53	29° 3	20°43	7° 6	29°29	1°51	24°32	16°28	10°33	13°18	25°R 9	23°28	20°46	n.a.	T 13
W14	2 54 43	13°23'08	13♈ 1	21°43	8°20	0♍ 1	1°44	24°29	16°25	10°35	13°19	25° 7	23°25	20°53	n.a.	W14
T 15	2 58 39	14°24'23	27°26	22°46	9°33	0°34	1°37	24°26	16°23	10°37	13°19	25° 3	23°21	21° 0	n.a.	T 15
F 16	3 2 36	15°25'39	12♉13	23°53	10°47	1° 7	1°29	24°23	16°21	10°39	13°19	24°57	23°18	21° 6	n.a.	F 16
S 17	3 6 32	16°26'55	27°16	25° 2	12° 1	1°39	1°21	24°19	16°19	10°41	13°20	24°50	23°15	21°13	n.a.	S 17
S 18	3 10 29	17°28'11	12♊23	26°14	13°15	2°11	1°14	24°16	16°17	10°43	13°20	24°41	23°12	21°20	n.a.	S 18
M19	3 14 26	18°29'27	27°26	27°28	14°29	2°44	1° 6	24°12	16°15	10°45	13°20	24°33	23° 9	21°27	n.a.	M19
T 20	3 18 22	19°30'44	12♋16	28°44	15°43	3°16	0°58	24° 9	16°13	10°47	13°20	24°26	23° 6	21°33	n.a.	T 20
W21	3 22 19	20°32'01	26°44	0♏ 1	16°57	3°48	0°50	24° 5	16°11	10°49	13°20	24°21	23° 2	21°40	n.a.	W21
T 22	3 26 15	21°33'19	10♌49	1°21	18°11	4°20	0°43	24° 2	16° 9	10°51	13°20	24°19	22°59	21°47	n.a.	T 22
F 23	3 30 12	22°34'37	24°30	2°41	19°25	4°52	0°35	23°58	16° 7	10°52	13°21	24°D18	22°56	21°54	n.a.	F 23
S 24	3 34 8	23°35'55	7♍49	4° 3	20°39	5°24	0°27	23°54	16° 5	10°54	13°21	24°19	22°53	22° 0	n.a.	S 24
S 25	3 38 5	24°37'13	20°47	5°25	21°54	5°55	0°19	23°50	16° 4	10°56	13°R21	24°R19	22°50	22° 7	n.a.	S 25
M26	3 42 1	25°38'31	3♎30	6°49	23° 8	6°27	0°10	23°46	16° 2	10°58	13°21	24°19	22°46	22°14	n.a.	M26
T 27	3 45 58	26°39'50	15°59	8°13	24°22	6°58	0° 2	23°42	16° 0	10°59	13°20	24°17	22°43	22°20	n.a.	T 27
W28	3 49 55	27°41'08	28°18	9°39	25°36	7°29	29♉54	23°38	15°58	11° 1	13°20	24°12	22°40	22°27	n.a.	W28
T 29	3 53 51	28°42'26	10♏28	11° 5	26°51	8° 1	29°46	23°34	15°57	11° 3	13°20	24° 3	22°37	22°34	n.a.	T 29
F 30	3 57 48	29♏43'45	22♏32	12♏32	28♎ 5	8♍32	29♉38	23♊30	15♈55	11♎ 4	13♌20	23♍53	22♍34	22♐41	n.a.	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	11s41	9s21	3n 2	4s53	2n13	4n47	1n53	15n47	1n45	20n44	0s24	23n22	0s21	6n15	0s33	2s16	1n59	31n33	15n 9	1n42	2n23	18s16		n.a.
F 2	12 3	12 33	3 51	4 31	2 23	4 18	1 54	15 36	1 46	20 43	0 24	23 22	0 21	6 14	0 33	2 16	1 59	31 34	15 10	1 44	2 24	18 17		n.a.
S 3	12 25	15 10	4 30	4 14	2 30	3 49	1 54	15 25	1 46	20 42	0 23	23 22	0 21	6 13	0 33	2 17	1 59	31 34	15 10	1 47	2 25	18 17		n.a.
S 4	12 46	17 6	4 55	4 4	2 36	3 20	1 55	15 14	1 47	20 41	0 23	23 22	0 21	6 12	0 33	2 18	1 59	31 34	15 11	1 50	2 27	18 18		n.a.
M 5	13 7	18 17	5 8	3 59	2 40	2 51	1 55	15 4	1 48	20 39	0 23	23 22	0 21	6 11	0 33	2 19	1 59	31 34	15 11	1 53	2 28	18 18		n.a.
T 6	13 28	18 40	5 8	4 0	2 42	2 22	1 56	14 53	1 48	20 38	0 23	23 22	0 21	6 10	0 33	2 20	1 59	31 35	15 12	1 56	2 29	18 18		n.a.
W 7	13 48	18 14	4 54	4 6	2 43	1 53	1 56	14 42	1 49	20 37	0 23	23 22	0 21	6 9	0 33	2 20	1 59	31 35	15 12	1 57	2 30	18 19		n.a.
T 8	14 9	17 0	4 28	4 16	2 42	1 23	1 56	14 31	1 50	20 36	0 23	23 21	0 21	6 8	0 33	2 21	1 59	31 35	15 13	1 59	2 32	18 19		n.a.
F 9	14 29	14 59	3 49	4 31	2 41	0 54	1 57	14 20	1 50	20 35	0 23	23 21	0 21	6 7	0 33	2 22	1 59	31 36	15 13	1 59	2 33	18 20		n.a.
S 10	14 49	12 15	2 59	4 48	2 38	0 24	1 57	14 9	1 51	20 33	0 23	23 21	0 21	6 7	0 33	2 23	1 59	31 36	15 14	1 59	2 34	18 20		n.a.
S 11	15 9	8 53	1 59	5 9	2 35	0s 6	1 57	13 58	1 52	20 32	0 23	23 21	0 21	6 6	0 33	2 24	1 59	31 36	15 15	1 58	2 36	18 21		n.a.
M12	15 28	4 59	0 52	5 32	2 31	0 35	1 56	13 47	1 52	20 31	0 22	23 21	0 21	6 5	0 33	2 24	1 59	31 37	15 15	1 58	2 37	18 21		n.a.
T 13	15 47	0 42	0s21	5 58	2 26	1 5	1 56	13 35	1 53	20 29	0 22	23 21	0 21	6 4	0 33	2 25	1 59	31 37	15 16	1 58	2 38	18 21		n.a.
W14	16 6	3n46	1 35	6 25	2 21	1 35	1 56	13 24	1 54	20 28	0 22	23 21	0 20	6 3	0 33	2 26	1 59	31 38	15 16	1 58	2 39	18 22		n.a.
T 15	16 25	8 9	2 45	6 55	2 15	2 5	1 56	13 13	1 54	20 27	0 22	23 21	0 20	6 2	0 33	2 27	1 59	31 38	15 17	2 0	2 41	18 22		n.a.
F 16	16 43	12 10	3 45	7 25	2 9	2 34	1 55	13 2	1 55	20 25	0 22	23 21	0 20	6 2	0 33	2 27	1 59	31 38	15 17	2 2	2 42	18 23		n.a.
S 17	17 1	15 27	4 32	7 57	2 2	3 4	1 55	12 51	1 56	20 24	0 22	23 21	0 20	6 1	0 33	2 28	1 59	31 39	15 18	2 5	2 43	18 23		n.a.
S 18	17 19	17 42	4 59	8 29	1 55	3 34	1 54	12 40	1 56	20 22	0 22	23 21	0 20	6 0	0 33	2 29	1 59	31 39	15 18	2 9	2 44	18 23		n.a.
M19	17 36	18 42	5 5	9 3	1 49	4 4	1 53	12 28	1 57	20 21	0 21	23 21	0 20	5 59	0 33	2 30	1 59	31 40	15 19	2 12	2 46	18 24		n.a.
T 20	17 53	18 24	4 51	9 37	1 41	4 33	1 52	12 17	1 58	20 19	0 21	23 21	0 20	5 58	0 33	2 30	2 0	31 40	15 19	2 15	2 47	18 24		n.a.
W21	18 10	16 54	4 19	10 11	1 34	5 3	1 52	12 6	1 58	20 18	0 21	23 21	0 20	5 58	0 32	2 31	2 0	31 41	15 20	2 17	2 48	18 25		n.a.
T 22	18 26	14 24	3 31	10 46	1 27	5 32	1 51	11 55	1 59	20 16	0 21	23 21	0 20	5 57	0 32	2 32	2 0	31 41	15 21	2 18	2 50	18 25		n.a.
F 23	18 42	11 10	2 33	11 21	1 19	6 2	1 50	11 44	2 0	20 15	0 21	23 21	0 20	5 56	0 32	2 32	2 0	31 42	15 21	2 18	2 51	18 25		n.a.
S 24	18 58	7 25	1 27	11 56	1 12	6 31	1 49	11 32	2 0	20 13	0 21	23 21	0 20	5 56	0 32	2 33	2 0	31 42	15 22	2 18	2 52	18 26		n.a.
S 25	19 13	3 25	0 19	12 32	1 4	7 0	1 47	11 21	2 1	20 12	0 21	23 20	0 19	5 55	0 32	2 34	2 0	31 43	15 22	2 17	2 53	18 26		n.a.
M26	19 28	0s40	0n49	13 7	0 57	7 29	1 46	11 10	2 2	20 10	0 20	23 20	0 19	5 54	0 32	2 34	2 0	31 43	15 23	2 17	2 55	18 27		n.a.
T 27	19 43	4 39	1 53	13 42	0 49	7 58	1 45	10 59	2 2	20 9	0 20	23 20	0 19	5 54	0 32	2 35	2 0	31 44	15 23	2 18	2 56	18 27		n.a.
W28	19 57	8 23	2 51	14 16	0 41	8 27	1 43	10 47	2 3	20 7	0 20	23 20	0 19	5 53	0 32	2 36	2 0	31 44	15 24	2 20	2 57	18 27		n.a.
T 29	20 11	11 43	3 40	14 51	0 34	8 55	1 42	10 36	2 4	20 5	0 20	23 20	0 19	5 52	0 32	2 36	2 0	31 45	15 24	2 24	2 58	18 28		n.a.
F 30	20s24	14s32	4n18	15s25	0n26	9s24	1n40	10n25	2n 5	20n 4	0s20	23n20	0s19	5n52	0s32	2s37	2n 0	31n45	15n25	2n28	3n 0	18s28		n.a.

Julian Day Number = 1356112.5, Delta T = 07h03m02s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°53'00, Lahiri = -17°46'00 Julian Calendar 1 Nov. 1001 BCE == Greg. Calendar 23 Oct. 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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ASTRODIENST EPHEMERIS for the year 1001 BCE
geocentric

DECEMBER 1001 BCE (-1000) JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 1 44	0♐45'02	4♐32	13♏59	29♎19	9♍ 3	29°R30	23°R25	15°R53	11♎ 6	13°R20	23°R40	22♍31	22♐47	n.a.	S 1
S 2	4 5 41	1°46'20	16°27	15°27	0♏34	9°33	29♉22	23♊21	15♈52	11° 8	13♌20	23♍26	22°27	22°54	n.a.	S 2
M 3	4 9 37	2°47'37	28°19	16°56	1°48	10° 4	29°14	23°16	15°50	11° 9	13°19	23°12	22°24	23° 1	n.a.	M 3
T 4	4 13 34	3°48'54	10♑10	18°25	3° 2	10°34	29° 6	23°12	15°49	11°11	13°19	23° 0	22°21	23° 7	n.a.	T 4
W 5	4 17 31	4°50'10	22° 2	19°54	4°17	11° 5	28°58	23° 7	15°47	11°12	13°19	22°50	22°18	23°14	n.a.	W 5
T 6	4 21 27	5°51'25	3♒58	21°25	5°31	11°35	28°50	23° 3	15°46	11°14	13°18	22°43	22°15	23°21	n.a.	T 6
F 7	4 25 24	6°52'39	16° 1	22°55	6°46	12° 5	28°42	22°58	15°45	11°15	13°18	22°38	22°12	23°28	n.a.	F 7
S 8	4 29 20	7°53'53	28°17	24°27	8° 0	12°35	28°34	22°54	15°43	11°17	13°18	22°36	22° 8	23°34	n.a.	S 8
S 9	4 33 17	8°55'05	10♓50	25°58	9°14	13° 4	28°26	22°49	15°42	11°18	13°17	22°D36	22° 5	23°41	n.a.	S 9
M10	4 37 13	9°56'17	23°44	27°31	10°29	13°34	28°18	22°44	15°41	11°20	13°17	22°R36	22° 2	23°48	n.a.	M10
T 11	4 41 10	10°57'27	7♈ 5	29° 3	11°43	14° 3	28°10	22°40	15°40	11°21	13°16	22°35	21°59	23°55	n.a.	T 11
W12	4 45 6	11°58'37	20°56	0♐37	12°58	14°32	28° 2	22°35	15°39	11°22	13°16	22°33	21°56	24° 1	n.a.	W12
T 13	4 49 3	12°59'45	5♉16	2°10	14°12	15° 2	27°55	22°30	15°38	11°24	13°15	22°28	21°52	24° 8	n.a.	T 13
F 14	4 53 0	14° 0'53	20° 5	3°45	15°27	15°30	27°47	22°25	15°37	11°25	13°14	22°20	21°49	24°15	n.a.	F 14
S 15	4 56 56	15° 1'59	5♊14	5°20	16°41	15°59	27°40	22°20	15°36	11°26	13°14	22° 9	21°46	24°21	n.a.	S 15
S 16	5 0 53	16° 3'05	20°35	6°55	17°56	16°28	27°32	22°15	15°35	11°27	13°13	21°58	21°43	24°28	n.a.	S 16
M17	5 4 49	17° 4'10	5♋56	8°31	19°10	16°56	27°25	22°10	15°34	11°29	13°12	21°46	21°40	24°35	n.a.	M17
T 18	5 8 46	18° 5'14	21° 5	10° 8	20°25	17°24	27°18	22° 6	15°33	11°30	13°12	21°36	21°37	24°42	n.a.	T 18
W19	5 12 42	19° 6'16	5♌53	11°45	21°39	17°52	27°11	22° 1	15°32	11°31	13°11	21°29	21°33	24°48	n.a.	W19
T 20	5 16 39	20° 7'19	20°13	13°23	22°54	18°20	27° 4	21°56	15°32	11°32	13°10	21°24	21°30	24°55	n.a.	T 20
F 21	5 20 36	21° 8'20	4♍ 4	15° 1	24° 8	18°48	26°57	21°51	15°31	11°33	13° 9	21°22	21°27	25° 2	n.a.	F 21
S 22	5 24 32	22° 9'20	17°27	16°40	25°23	19°15	26°50	21°46	15°30	11°34	13° 8	21°21	21°24	25° 9	n.a.	S 22
S 23	5 28 29	23°10'20	0♎25	18°20	26°37	19°42	26°44	21°41	15°30	11°35	13° 8	21°21	21°21	25°15	n.a.	S 23
M24	5 32 25	24°11'18	13° 3	20° 1	27°52	20° 9	26°37	21°36	15°29	11°36	13° 7	21°20	21°17	25°22	n.a.	M24
T 25	5 36 22	25°12'16	25°24	21°42	29° 7	20°36	26°31	21°31	15°29	11°37	13° 6	21°17	21°14	25°29	n.a.	T 25
W26	5 40 18	26°13'13	7♏34	23°24	0♐21	21° 2	26°25	21°26	15°28	11°38	13° 5	21°12	21°11	25°35	n.a.	W26
T 27	5 44 15	27°14'08	19°35	25° 7	1°36	21°29	26°19	21°21	15°28	11°39	13° 4	21° 3	21° 8	25°42	n.a.	T 27
F 28	5 48 11	28°15'03	1♐32	26°50	2°50	21°55	26°13	21°16	15°28	11°40	13° 3	20°51	21° 5	25°49	n.a.	F 28
S 29	5 52 8	29°15'56	13°25	28°34	4° 5	22°21	26° 7	21°12	15°28	11°40	13° 2	20°37	21° 2	25°56	n.a.	S 29
S 30	5 56 5	0♑16'48	25°17	0♑19	5°19	22°46	26° 2	21° 7	15°27	11°41	13° 1	20°22	20°58	26° 2	n.a.	S 30
M31	6 0 1	1♑17'39	7♑ 9	2♑ 4	6♐34	23♍11	25♉56	21♊ 2	15♈27	11♎42	13♌ 0	20♍ 8	20♍55	26♐ 9	n.a.	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	20s38	16s42	4n45	15s59	0n19	9s52	1n39	10n14	2n 5	20n 2	0s20	23n20	0s19	5n51	0s32	2s37	2n 0	31n46	15n25	2n33	3n 1	18s28		n.a.
S 2	20 50	18 9	4 59	16 32	0 12	10 20	1 37	10 3	2 6	20 1	0 20	23 20	0 19	5 51	0 32	2 38	2 0	31 46	15 26	2 39	3 2	18 29		n.a.
M 3	21 3	18 48	5 0	17 5	0 4	10 48	1 36	9 52	2 7	19 59	0 19	23 20	0 19	5 50	0 32	2 39	2 0	31 47	15 26	2 44	3 4	18 29		n.a.
T 4	21 14	18 38	4 48	17 37	0s 3	11 15	1 34	9 41	2 7	19 57	0 19	23 19	0 19	5 49	0 32	2 39	2 0	31 48	15 27	2 49	3 5	18 30		n.a.
W 5	21 26	17 38	4 24	18 9	0 10	11 42	1 32	9 30	2 8	19 56	0 19	23 19	0 19	5 49	0 32	2 40	2 0	31 48	15 28	2 53	3 6	18 30		n.a.
T 6	21 37	15 53	3 48	18 40	0 17	12 9	1 30	9 19	2 9	19 54	0 19	23 19	0 18	5 48	0 32	2 40	2 0	31 49	15 28	2 56	3 7	18 30		n.a.
F 7	21 48	13 24	3 1	19 10	0 23	12 36	1 28	9 8	2 10	19 52	0 19	23 19	0 18	5 48	0 32	2 41	2 0	31 49	15 29	2 58	3 9	18 31		n.a.
S 8	21 58	10 18	2 5	19 40	0 30	13 2	1 26	8 57	2 10	19 51	0 19	23 19	0 18	5 47	0 32	2 41	2 0	31 50	15 29	2 59	3 10	18 31		n.a.
S 9	22 8	6 40	1 2	20 8	0 37	13 28	1 24	8 46	2 11	19 49	0 18	23 19	0 18	5 47	0 32	2 42	2 0	31 51	15 30	2 59	3 11	18 31		n.a.
M10	22 17	2 37	0s 6	20 36	0 43	13 54	1 22	8 35	2 12	19 48	0 18	23 19	0 18	5 47	0 32	2 42	2 1	31 51	15 30	2 59	3 12	18 32		n.a.
T 11	22 26	1n42	1 16	21 3	0 49	14 19	1 20	8 24	2 13	19 46	0 18	23 18	0 18	5 46	0 32	2 43	2 1	31 52	15 31	2 59	3 14	18 32		n.a.
W12	22 35	6 4	2 24	21 30	0 55	14 44	1 18	8 13	2 13	19 44	0 18	23 18	0 18	5 46	0 32	2 43	2 1	31 53	15 31	3 0	3 15	18 32		n.a.
T 13	22 43	10 16	3 25	21 55	1 1	15 9	1 16	8 3	2 14	19 43	0 18	23 18	0 18	5 45	0 32	2 44	2 1	31 53	15 32	3 2	3 16	18 33		n.a.
F 14	22 50	13 57	4 15	22 19	1 6	15 33	1 13	7 52	2 15	19 41	0 18	23 18	0 18	5 45	0 32	2 44	2 1	31 54	15 32	3 5	3 18	18 33		n.a.
S 15	22 57	16 48	4 47	22 42	1 12	15 57	1 11	7 41	2 16	19 40	0 17	23 18	0 18	5 45	0 32	2 45	2 1	31 54	15 33	3 10	3 19	18 33		n.a.
S 16	23 4	18 29	5 0	23 4	1 17	16 21	1 9	7 31	2 16	19 38	0 17	23 17	0 17	5 44	0 32	2 45	2 1	31 55	15 33	3 14	3 20	18 34		n.a.
M17	23 10	18 50	4 51	23 25	1 22	16 44	1 6	7 20	2 17	19 37	0 17	23 17	0 17	5 44	0 32	2 45	2 1	31 56	15 34	3 19	3 21	18 34		n.a.
T 18	23 16	17 49	4 22	23 45	1 27	17 6	1 4	7 10	2 18	19 35	0 17	23 17	0 17	5 44	0 32	2 46	2 1	31 57	15 34	3 23	3 23	18 34		n.a.
W19	23 21	15 37	3 35	24 3	1 31	17 28	1 1	6 59	2 19	19 34	0 17	23 17	0 17	5 43	0 32	2 46	2 1	31 57	15 35	3 26	3 24	18 34		n.a.
T 20	23 26	12 30	2 36	24 20	1 35	17 50	0 59	6 49	2 19	19 32	0 17	23 17	0 17	5 43	0 32	2 47	2 1	31 58	15 35	3 28	3 25	18 35		n.a.
F 21	23 31	8 46	1 30	24 36	1 39	18 11	0 56	6 39	2 20	19 31	0 16	23 17	0 17	5 43	0 32	2 47	2 1	31 59	15 35	3 29	3 26	18 35		n.a.
S 22	23 35	4 43	0 21	24 50	1 43	18 32	0 54	6 28	2 21	19 30	0 16	23 16	0 17	5 43	0 32	2 47	2 1	31 59	15 36	3 29	3 28	18 35		n.a.
S 23	23 38	0 33	0n48	25 3	1 46	18 52	0 51	6 18	2 22	19 28	0 16	23 16	0 17	5 43	0 32	2 48	2 1	32 0	15 36	3 29	3 29	18 36		n.a.
M24	23 41	3s31	1 52	25 15	1 49	19 12	0 49	6 8	2 22	19 27	0 16	23 16	0 17	5 42	0 32	2 48	2 1	32 1	15 37	3 29	3 30	18 36		n.a.
T 25	23 43	7 21	2 49	25 25	1 52	19 31	0 46	5 58	2 23	19 26	0 16	23 16	0 16	5 42	0 31	2 48	2 1	32 1	15 37	3 30	3 32	18 36		n.a.
W26	23 45	10 49	3 38	25 33	1 54	19 50	0 44	5 48	2 24	19 24	0 15	23 16	0 16	5 42	0 31	2 49	2 2	32 2	15 38	3 33	3 33	18 37		n.a.
T 27	23 47	13 47	4 16	25 39	1 56	20 8	0 41	5 38	2 25	19 23	0 15	23 15	0 16	5 42	0 31	2 49	2 2	32 3	15 38	3 36	3 34	18 37		n.a.
F 28	23 48	16 10	4 43	25 44	1 58	20 25	0 38	5 29	2 26	19 22	0 15	23 15	0 16	5 42	0 31	2 49	2 2	32 4	15 39	3 41	3 35	18 37		n.a.
S 29	23 49	17 51	4 57	25 47	1 59	20 42	0 36	5 19	2 26	19 21	0 15	23 15	0 16	5 42	0 31	2 49	2 2	32 4	15 39	3 46	3 37	18 37		n.a.
S 30	23 49	18 45	4 58	25 49	2 0	20 59	0 33	5 9	2 27	19 19	0 15	23 15	0 16	5 42	0 31	2 50	2 2	32 5	15 39	3 52	3 38	18 38		n.a.
M31	23s48	18s51	4n47	25s48	2s 0	21s14	0n30	5n 0	2n28	19n18	0s15	23n14	0s16	5n42	0s31	2s50	2n 2	32n 6	15n40	3n58	3n39	18s38		n.a.

Julian Day Number = 1356142.5, Delta T = 07h03m01s
Ecliptic obliquity = 23°48'43, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = -16°52'56, Lahiri = -17°45'56 Julian Calendar 1 Dec. 1001 BCE == Greg. Calendar 22 Nov. 1001 BCE

The year -1000 astronomical counting style corresponds to year 1001 B.C.E historical counting style.

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